VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-5

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

SDG No.: JPL23 Run Sequence: R012826

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-024

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121016.D

Level: (LOW/MED) _____ Date Collected: 11/15/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/21/2006 16:10

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	0.50	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-4-5

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

SDG No.: JPL23 Run Sequence: R012826

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-024

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121016.D

Level: (LOW/MED) Date Collected: 11/15/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 16:10

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

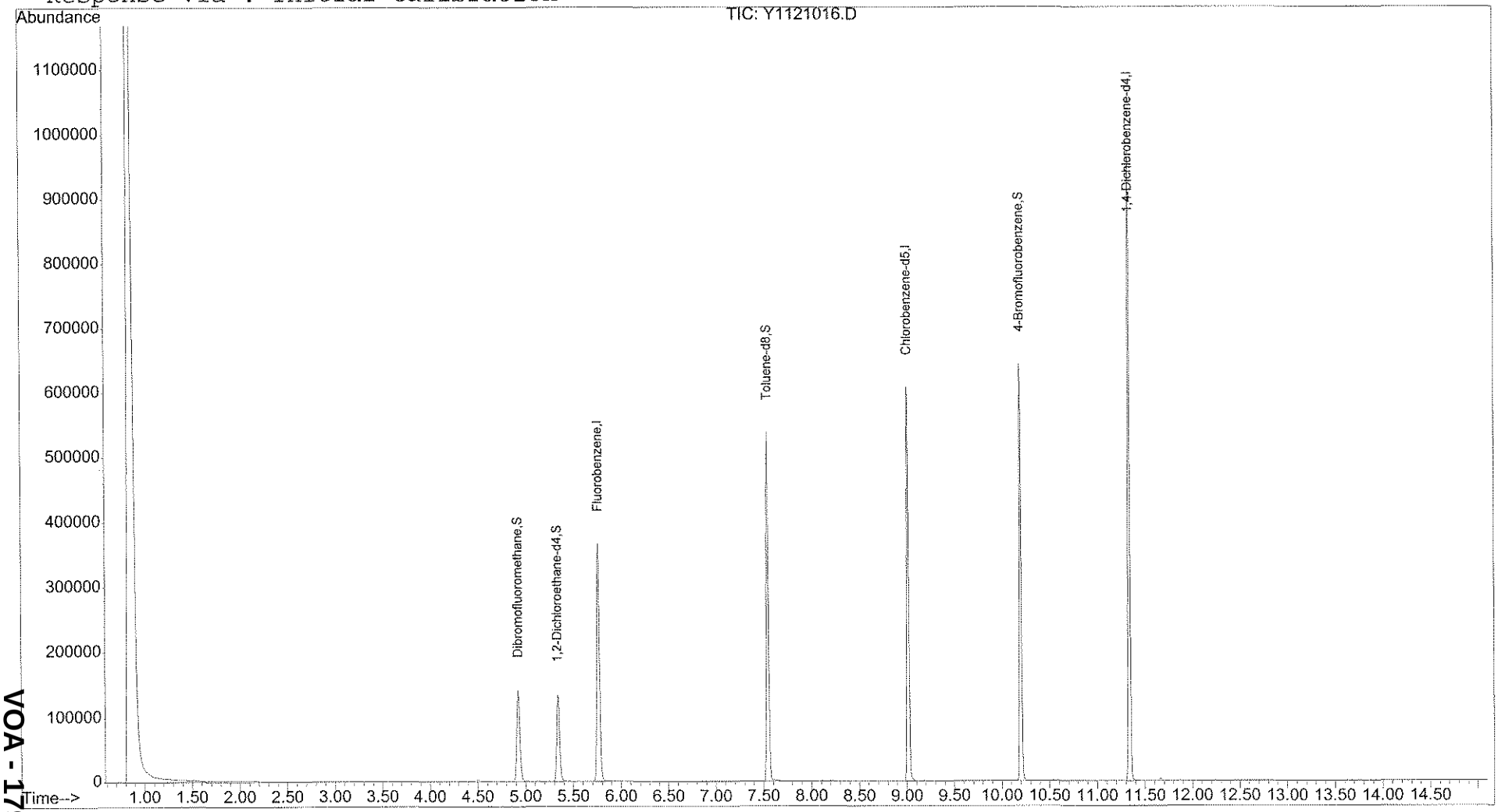
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121016.D Vial: 28
Acq On : 21 Nov 2006 16:10 Operator: LH
Sample : JPL23-024 MW-4-5 Inst : yoda
Misc : 5mL+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:29 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 179

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121016.D Vial: 28
Acq On : 21 Nov 2006 16:10 Operator: LH
Sample : JPL23-024 MW-4-5 Inst : yoda
Misc : 5mL+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:29 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	340757	50.00	ug/l	0.00 86.54%
50) Chlorobenzene-d5	9.01	82	164402	50.00	ug/l	0.00 99.68%
70) 1,4-Dichlorobenzene-d4	11.34	152	222070	50.00	ug/l	0.00 91.16%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	102206	50.53	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	102892	57.09	ug/l	0.00
51) Toluene-d8	7.55	98	318868	47.91	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	175606	55.70	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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	220	N.D.		
15) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.52	84	68	~~Below Cal~~	~~#~~	1
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

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

11/29/06

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121016.D Vial: 28
Acq On : 21 Nov 2006 16:10 Operator: LH
Sample : JPL23-024 MW-4-5 Inst : yoda
Misc : 5mL+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:29 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
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.		
33)	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)	Methyl methacrylate	0.00	41	0	N.D.		
37)	1,1-Dichloropropene	0.00	75	0	N.D.		
39)	Benzene	5.38	78	116	N.D.		
40)	1,2-Dichloroethane	0.00	62	0	N.D.		
41)	Isobutanol	0.00	43	0	N.D.		
42)	Trichloroethene	0.00	130	0	N.D.		
43)	Methylcyclohexane	0.00	83	0	N.D.		
44)	1,2-Dichloropropane	0.00	63	0	N.D.		
45)	Dibromomethane	0.00	93	0	N.D.		
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
47)	Bromodichloromethane	0.00	83	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	7.54	43	1323	~~Below Cal # 1~~		
52)	Toluene	7.62	92	310	N.D.		
53)	Ethyl methacrylate	0.00	69	0	N.D.		
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	2-Hexanone	0.00	43	0	N.D.		
58)	1,3-Dichloropropane	0.00	76	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)	Ethylbenzene	9.17	91	817	N.D.		
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
65)	m,p-Xylene	9.17	106	135	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	9.70	104	148	N.D.		
68)	Bromoform	0.00	173	0	N.D.		
69)	Isopropylbenzene	10.20	105	135	N.D.		
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
73)	n-Propylbenzene	0.00	120	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121016.D Vial: 28
Acq On : 21 Nov 2006 16:10 Operator: LH
Sample : JPL23-024 MW-4-5 Inst : yoda
Misc : 5mL+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:29 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.47	91	143	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	10.47	91	143	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.18	105	122	N.D.	
82)	sec-butylbenzene	11.18	105	122	N.D.	
83)	4-Isopropyltoluene	11.34	119	300	N.D.	
84)	1,3-Dichlorobenzene	11.27	146	57	N.D.	
85)	1,4-Dichlorobenzene	11.27	146	57	N.D.	
86)	n-Butylbenzene	11.74	91	70	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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	13.55	128	73	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-3-1

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

SDG No.: JPL23 Run Sequence: R012638

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-025

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1116015.D

Level: (LOW/MED) _____ Date Collected: 11/15/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/16/2006 17:51

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-3-1

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

SDG No.: JPL23 Run Sequence: R012638

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-025

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1116015.D

Level: (LOW/MED) _____ Date Collected: 11/15/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/16/2006 17:51

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-3-1

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

SDG No.: JPL23 Run Sequence: R012638

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-025

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1116015.D

Level: (LOW/MED) _____ Date Collected: 11/15/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/16/2006 17:51

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

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

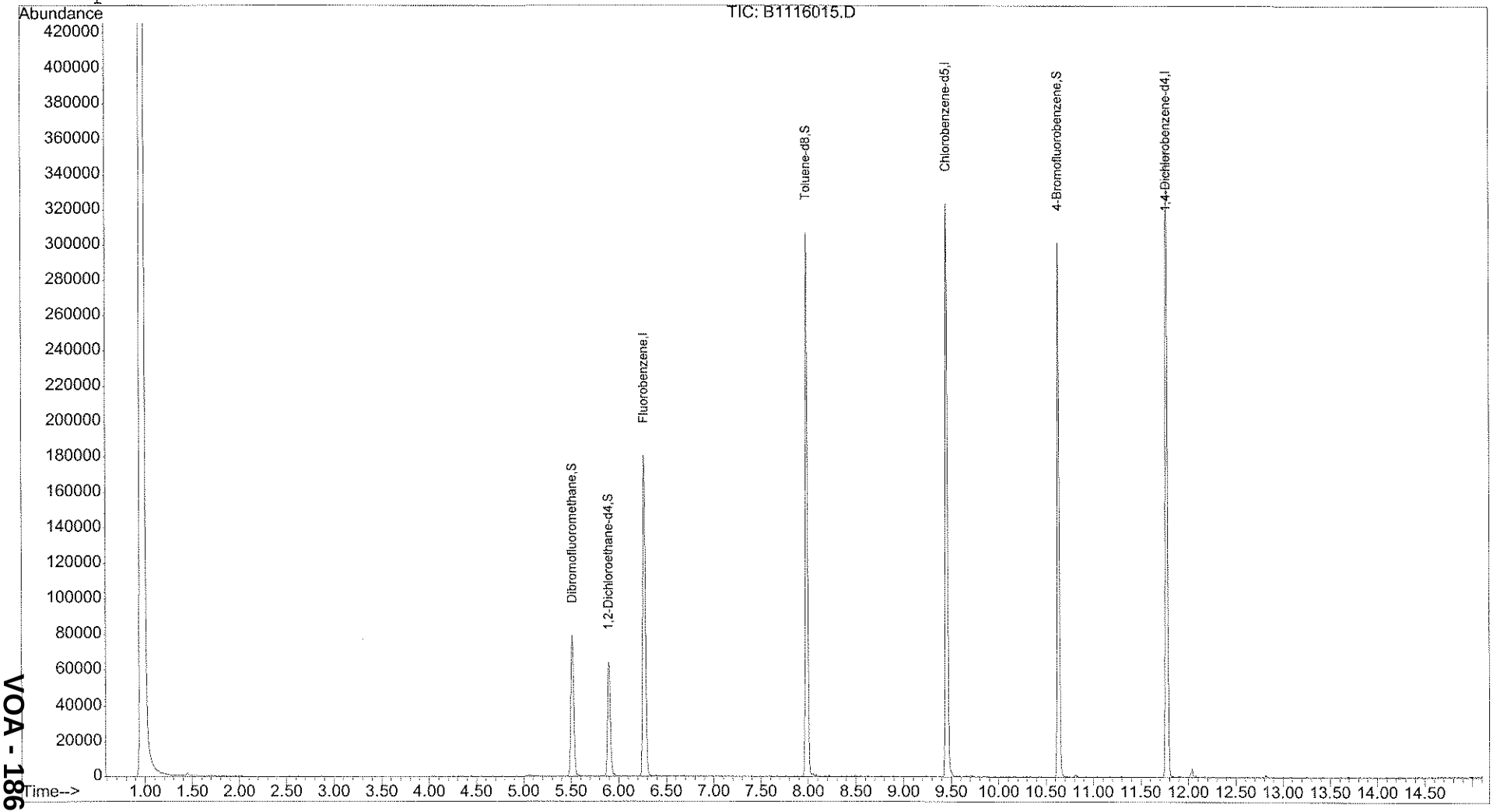
Heated Purge: (Y/N) N

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:

Data File : X:\MSVOA\BUDDHA\111606\B1116015.D Vial: 23
Acq On : 16 Nov 2006 17:51 Operator: LH
Sample : JPL23-025 MW-3-1 Inst : Buddha
Misc : 25ML +IS/SS #16 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 15:07 2006 Quant Results File: 826025ML.RES

Method : X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Wed Nov 15 16:44:52 2006
Response via : Initial Calibration



VOA - 186

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111606\B1116015.D Vial: 23
Acq On : 16 Nov 2006 17:51 Operator: LH
Sample : JPL23-025 MW-3-1 Inst : Buddha
Misc : 25ML +IS/SS #16 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 15:07 2006 Quant Results File: 826025ML.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Wed Nov 15 16:44:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\CURVES06\110306\B1103009.D (3 Nov 2006 13:3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	155342	10.00 ug/l	0.00 49.95%
51) Chlorobenzene-d5	9.45	82	85035	10.00 ug/l	0.00 53.12%
71) 1,4-Dichlorobenzene-d4	11.77	152	89124	10.00 ug/l	0.00 46.26%
System Monitoring Compounds					
32) Dibromofluoromethane	5.51	111	50740	11.61 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	58197	13.01 ug/l	0.00
52) Toluene-d8	7.98	98	173614	10.40 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	76148	11.98 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) 1,1-Dichloroethene	0.00	96	0	N.D.	
9) Acrolein	0.00	56	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.52	43	65	~~Below Cal #~~ ~~38~~	
12) Iodomethane	0.00	142	0	N.D. LN 15/2/06	
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.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	0.00	84	0	N.D.	
19) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	0.00	53	0	N.D.	
22) Vinyl acetate	0.00	43	0	N.D.	
23) 1,1-Dichloroethane	0.00	63	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.	

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111606\B1116015.D Vial: 23
Acq On : 16 Nov 2006 17:51 Operator: LH
Sample : JPL23-025 MW-3-1 Inst : Buddha
Misc : 25ML +IS/SS #16 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 15:07 2006 Quant Results File: 826025ML.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Wed Nov 15 16:44:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
27)	Propionitrile	0.00	54	0	N.D.	
28)	2-Butanone	0.00	43	0	N.D.	d
29)	Bromochloromethane	0.00	128	0	N.D.	
30)	Methacrylonitrile	5.16	41	31	N.D.	
31)	Chloroform	5.37	83	31	~~Below Cal # 22~~	
33)	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)	Isobutanol	0.00	43	0	N.D.	d
37)	1,1-Dichloropropene	5.67	75	36	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	5.89	62	60	N.D.	
41)	Trichloroethene	0.00	130	0	N.D.	
42)	Methylcyclohexane	6.85	83	34	N.D.	
43)	1,2-Dichloropropane	6.91	63	34	~~Below Cal # 45~~	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	1,4-Dioxane	0.00	88	0	N.D.	d
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	Bromodichloromethane	7.16	83	29	N.D.	
49)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
50)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d
53)	Toluene	8.06	92	55	N.D.	
54)	Ethyl methacrylate	8.52	69	39	N.D.	
55)	trans-1,3-Dichloropropene	8.28	75	30	N.D.	
56)	1,1,2-Trichloroethane	8.59	97	34	N.D.	
57)	Tetrachloroethene	0.00	166	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	d
59)	1,3-Dichloropropane	8.68	76	29	N.D.	
60)	Dibromochloromethane	0.00	129	0	N.D.	
61)	1,2-Dibromoethane	0.00	107	0	N.D.	
62)	Chlorobenzene	0.00	112	0	N.D.	
63)	1-Chlorohexane	9.59	91	362	N.D.	
64)	Ethylbenzene	9.59	91	362	N.D.	
65)	1,1,1,2-Tetrachloroethane	9.70	131	43	N.D.	
66)	m,p-Xylene	9.70	106	141	N.D.	
67)	o-xylene	0.00	106	0	N.D.	
68)	Styrene	0.00	104	0	N.D.	
69)	Bromoform	10.34	173	43	N.D.	
70)	Isopropylbenzene	10.63	105	90	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.67	83	33	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111606\B1116015.D Vial: 23
Acq On : 16 Nov 2006 17:51 Operator: LH
Sample : JPL23-025 MW-3-1 Inst : Buddha
Misc : 25ML +IS/SS #16 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 15:07 2006 Quant Results File: 826025ML.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Wed Nov 15 16:44:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	n-Propylbenzene	0.00	120	0	N.D.		
75)	trans-1,4-Dichloro-2-buten	10.67	53	44	N.D.		
76)	Bromobenzene	0.00	156	0	N.D.		
77)	1,2,3-Trichloropropane	10.80	110	35	N.D.		
78)	2-Chlorotoluene	11.07	91	32	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	4-Chlorotoluene	11.07	91	32	N.D.		
81)	tert-Butylbenzene	11.36	119	30	N.D.		
82)	1,2,4-Trimethylbenzene	11.51	105	30	N.D.		
83)	sec-butylbenzene	11.51	105	30	N.D.		
84)	4-Isopropyltoluene	11.74	119	29	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.		d
86)	1,4-Dichlorobenzene	11.81	146	97	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.		
88)	1,2-Dichlorobenzene	12.16	146	32	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		d
90)	1,2,4-Trichlorobenzene	13.59	180	31	N.D.		
91)	Hexachlorobutadiene	13.91	225	52	N.D.		
92)	Naphthalene	0.00	128	0	N.D.		
93)	1,2,3-Trichlorobenzene	14.53	180	36	N.D.		

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-10-11/8/06

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

SDG No.: JPL23 Run Sequence: R012638

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-026

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1116016.D

Level: (LOW/MED) Date Collected: 11/15/2006

% Moisture: not dec. Date/Time Analyzed: 11/16/2006 18:20

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	0.50	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-10-11/8/06

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

SDG No.: JPL23 Run Sequence: R012638

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-026

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1116016.D

Level: (LOW/MED) Date Collected: 11/15/2006

% Moisture: not dec. Date/Time Analyzed: 11/16/2006 18:20

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	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-10-11/8/06

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

SDG No.: JPL23 Run Sequence: R012638

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-026

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1116016.D

Level: (LOW/MED) _____ Date Collected: 11/15/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/16/2006 18:20

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

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

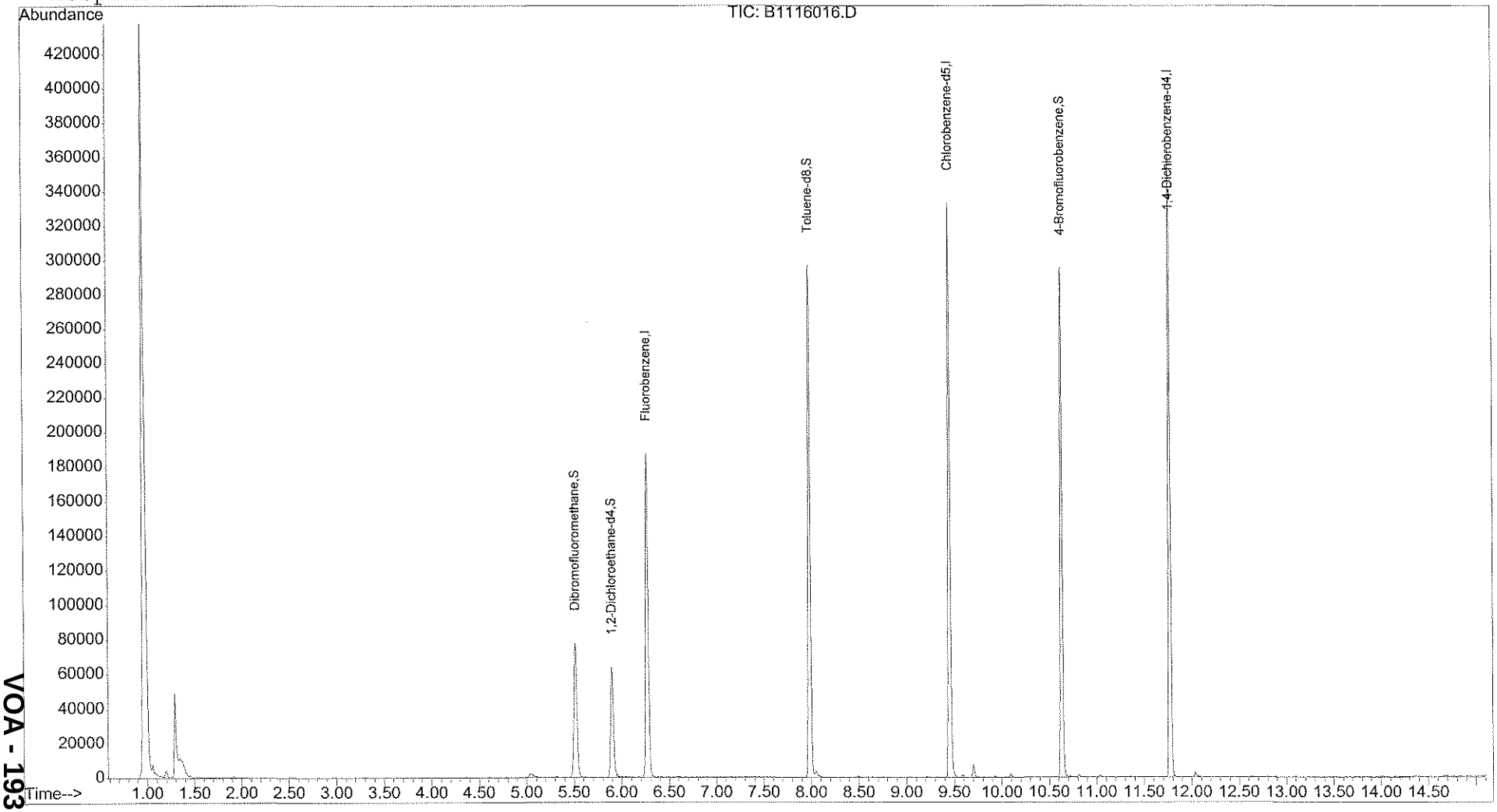
Heated Purge: (Y/N) N

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:

Data File : X:\MSVOA\BUDDHA\111606\B1116016.D Vial: 24
Acq On : 16 Nov 2006 18:20 Operator: LH
Sample : JPL23-026 EB-10-11/8/06 Inst : Buddha
Misc : 25ML +IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 15:06 2006 Quant Results File: 826025ML.RES

Method : X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Wed Nov 15 16:44:52 2006
Response via : Initial Calibration



VOA - 193

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111606\B1116016.D Vial: 24
Acq On : 16 Nov 2006 18:20 Operator: LH
Sample : JPL23-026 EB-10-11/8/06 Inst : Buddha
Misc : 25ML +IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 15:06 2006 Quant Results File: 826025ML.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Wed Nov 15 16:44:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\CURVES06\110306\B1103009.D (3 Nov 2006 13:3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	155236	10.00 ug/l	0.00 49.91%
51) Chlorobenzene-d5	9.45	82	87038	10.00 ug/l	0.00 54.38%
71) 1,4-Dichlorobenzene-d4	11.77	152	89942	10.00 ug/l	0.00 46.69%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	50079	11.47 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	55579	12.43 ug/l	0.00
52) Toluene-d8	7.99	98	173753	10.17 ug/l	0.00
72) 4-Bromofluorobenzene	10.64	95	74949	11.69 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) 1,1-Dichloroethene	0.00	96	0	N.D.	
9) Acrolein	0.00	56	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.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.98	84	132	N.D.	
19) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	0.00	53	0	N.D.	
22) Vinyl acetate	4.10	43	70	N.D.	
23) 1,1-Dichloroethane	0.00	63	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.	

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111606\B1116016.D Vial: 24
Acq On : 16 Nov 2006 18:20 Operator: LH
Sample : JPL23-026 EB-10-11/8/06 Inst : Buddha
Misc : 25ML +IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 15:06 2006 Quant Results File: 826025ML.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Wed Nov 15 16:44:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
27)	Propionitrile	0.00	54	0	N.D.	
28)	2-Butanone	0.00	43	0	N.D. d	
29)	Bromochloromethane	0.00	128	0	N.D.	
30)	Methacrylonitrile	0.00	41	0	N.D.	
31)	Chloroform	5.31	83	312	Below Cal #	55
33)	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)	Isobutanol	0.00	43	0	N.D. d	
37)	1,1-Dichloropropene	5.53	75	30	N.D.	
39)	Benzene	5.91	78	207	N.D.	
40)	1,2-Dichloroethane	0.00	62	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	7.30	41	35	N.D.	
46)	1,4-Dioxane	0.00	88	0	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	Bromodichloromethane	7.37	83	31	N.D.	
49)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
50)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
53)	Toluene	8.05	92	844	N.D.	
54)	Ethyl methacrylate	8.33	69	33	N.D.	
55)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
56)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
57)	Tetrachloroethene	8.60	166	35	N.D.	
58)	2-Hexanone	0.00	43	0	N.D. d	
59)	1,3-Dichloropropane	0.00	76	0	N.D.	
60)	Dibromochloromethane	8.98	129	33	N.D.	
61)	1,2-Dibromoethane	0.00	107	0	N.D.	
62)	Chlorobenzene	9.44	112	34	N.D.	
63)	1-Chlorohexane	9.58	91	581	N.D.	
64)	Ethylbenzene	9.70	91	3494	N.D.	
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66)	m,p-Xylene	9.70	106	1366	N.D.	
67)	o-xylene	10.09	106	526	N.D.	
68)	Styrene	0.00	104	0	N.D.	
69)	Bromoform	0.00	173	0	N.D.	
70)	Isopropylbenzene	10.45	105	30	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.63	83	34	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111606\B1116016.D Vial: 24
Acq On : 16 Nov 2006 18:20 Operator: LH
Sample : JPL23-026 EB-10-11/8/06 Inst : Buddha
Misc : 25ML +IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 15:06 2006 Quant Results File: 826025ML.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Wed Nov 15 16:44:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	n-Propylbenzene	10.98	120	31	N.D.		
75)	trans-1,4-Dichloro-2-buten	10.57	53	33	N.D.		
76)	Bromobenzene	10.62	156	48	N.D.		
77)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
78)	2-Chlorotoluene	0.00	91	0	N.D.		
79)	1,3,5-Trimethylbenzene	10.96	105	74	N.D.		
80)	4-Chlorotoluene	0.00	91	0	N.D.		
81)	tert-Butylbenzene	11.36	119	51	N.D.		
82)	1,2,4-Trimethylbenzene	11.41	105	95	N.D.		
83)	sec-butylbenzene	11.59	105	32	N.D.		
84)	4-Isopropyltoluene	11.73	119	64	N.D.		
85)	1,3-Dichlorobenzene	11.77	111	811	N.D.		
86)	1,4-Dichlorobenzene	11.81	146	39	N.D.		
87)	n-Butylbenzene	12.14	91	29	N.D.		
88)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		d
90)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
91)	Hexachlorobutadiene	13.90	225	31	N.D.		
92)	Naphthalene	0.00	128	0	N.D.		d
93)	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.

SB-1-11/8/06

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

SDG No.: JPL23 Run Sequence: R012638

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-027

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1116017.D

Level: (LOW/MED) _____ Date Collected: 11/15/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/16/2006 18:50

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.

SB-1-11/8/06

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

SDG No.: JPL23 Run Sequence: R012638

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-027

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1116017.D

Level: (LOW/MED) Date Collected: 11/15/2006

% Moisture: not dec. Date/Time Analyzed: 11/16/2006 18:50

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.

SB-1-11/8/06

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

SDG No.: JPL23 Run Sequence: R012638

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-027

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1116017.D

Level: (LOW/MED) _____ Date Collected: 11/15/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/16/2006 18:50

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

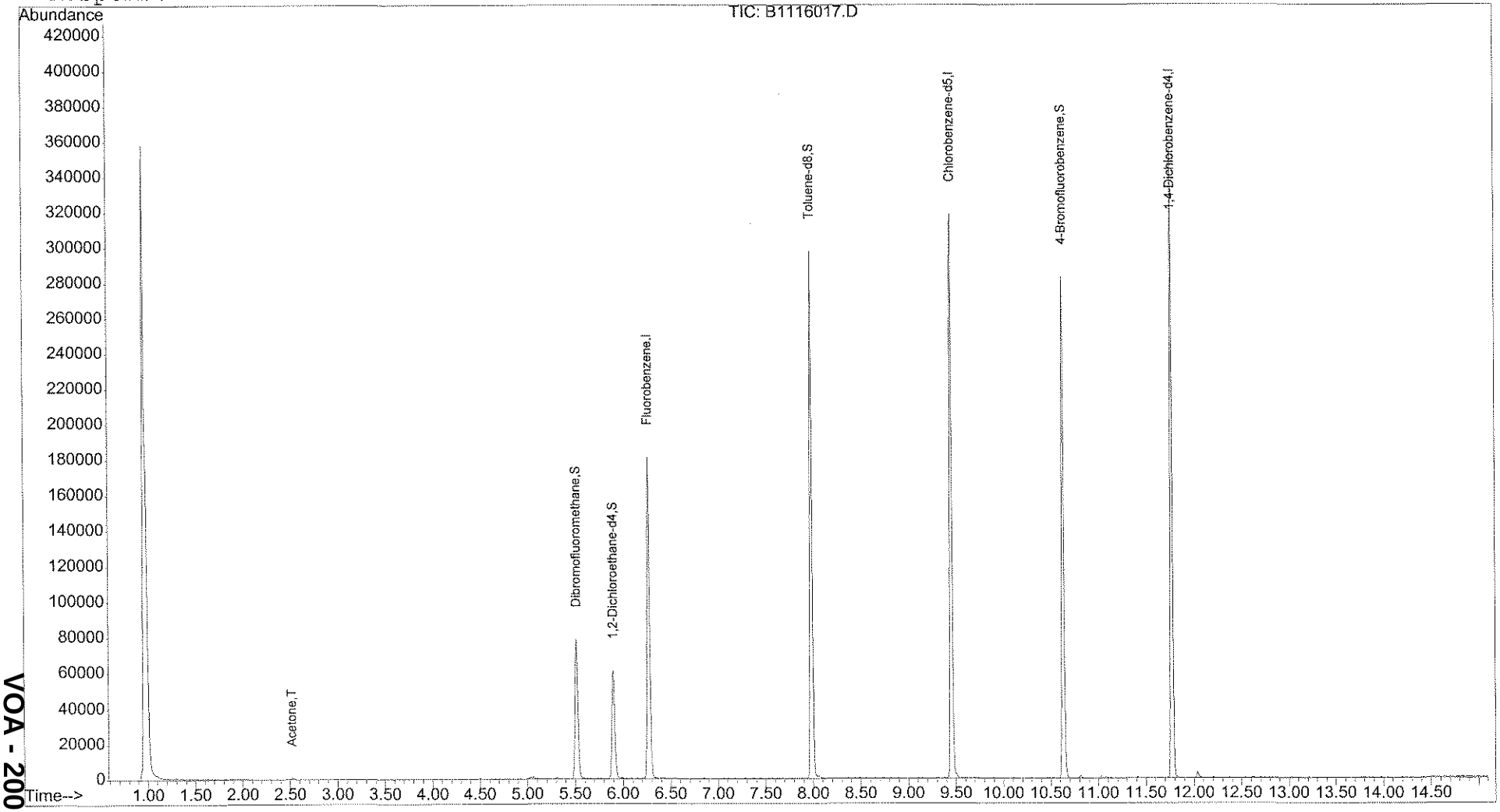
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111606\B1116017.D Vial: 25
Acq On : 16 Nov 2006 18:50 Operator: LH
Sample : JPL23-027 SB-1-11/8/06 Inst : Buddha
Misc : 25ML +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 15:04 2006 Quant Results File: 826025ML.RES

Method : X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Wed Nov 15 16:44:52 2006
Response via : Initial Calibration



VOA - 200

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111606\B1116017.D Vial: 25
Acq On : 16 Nov 2006 18:50 Operator: LH
Sample : JPL23-027 SB-1-11/8/06 Inst : Buddha
Misc : 25ML +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 15:04 2006 Quant Results File: 826025ML.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Wed Nov 15 16:44:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\CURVES06\110306\B1103009.D (3 Nov 2006 13:3

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	150506	10.00 ug/l	0.00 48.39%
51) Chlorobenzene-d5	9.45	82	85573	10.00 ug/l	0.00 53.46%
71) 1,4-Dichlorobenzene-d4	11.77	152	86001	10.00 ug/l	0.00 44.64%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	49396	11.66 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	55133	12.72 ug/l	0.00
52) Toluene-d8	7.99	98	169756	10.11 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	72214	11.78 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) 1,1-Dichloroethene	0.00	96	0	N.D.	
9) Acrolein	0.00	56	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.52	43	1343	2.37 ug/l #	58
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.61	76	67	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) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	0.00	53	0	N.D.	
22) Vinyl acetate	4.11	43	33	N.D.	
23) 1,1-Dichloroethane	0.00	63	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	4.90	96	52	N.D.	

LH 11/16/06

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111606\B1116017.D Vial: 25
Acq On : 16 Nov 2006 18:50 Operator: LH
Sample : JPL23-027 SB-1-11/8/06 Inst : Buddha
Misc : 25ML +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 15:04 2006 Quant Results File: 826025ML.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Wed Nov 15 16:44:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
27)	Propionitrile	0.00	54	0	N.D.	
28)	2-Butanone	0.00	43	0	N.D. d	
29)	Bromochloromethane	0.00	128	0	N.D.	
30)	Methacrylonitrile	5.17	41	34	N.D.	
31)	Chloroform	5.31	83	552	~~Below Cal~~	76
33)	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)	Isobutanol	0.00	43	0	N.D.	
37)	1,1-Dichloropropene	5.57	75	59	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	6.07	62	30	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)	1,4-Dioxane	0.00	88	0	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	Bromodichloromethane	7.28	83	35	N.D.	
49)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
50)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
53)	Toluene	8.06	92	241	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	trans-1,3-Dichloropropene	8.43	75	31	N.D.	
56)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
57)	Tetrachloroethene	0.00	166	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D. d	
59)	1,3-Dichloropropane	0.00	76	0	N.D.	
60)	Dibromochloromethane	0.00	129	0	N.D.	
61)	1,2-Dibromoethane	8.95	107	32	N.D.	
62)	Chlorobenzene	0.00	112	0	N.D.	
63)	1-Chlorohexane	9.58	91	94	N.D.	
64)	Ethylbenzene	9.58	91	94	N.D.	
65)	1,1,1,2-Tetrachloroethane	9.60	131	29	N.D.	
66)	m,p-Xylene	9.70	106	70	N.D.	
67)	o-xylene	10.09	106	34	N.D.	
68)	Styrene	0.00	104	0	N.D.	
69)	Bromoform	0.00	173	0	N.D.	
70)	Isopropylbenzene	10.48	105	44	N.D.	
73)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	

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

Data File : X:\MSVOA\BUDDHA\111606\B1116017.D Vial: 25
Acq On : 16 Nov 2006 18:50 Operator: LH
Sample : JPL23-027 SB-1-11/8/06 Inst : Buddha
Misc : 25ML +IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 15:04 2006 Quant Results File: 826025ML.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Wed Nov 15 16:44:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	n-Propylbenzene	0.00	120	0	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
76)	Bromobenzene	10.63	156	29	N.D.	
77)	1,2,3-Trichloropropane	10.65	110	37	N.D.	
78)	2-Chlorotoluene	0.00	91	0	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	4-Chlorotoluene	0.00	91	0	N.D.	
81)	tert-Butylbenzene	11.51	119	44	N.D.	
82)	1,2,4-Trimethylbenzene	11.41	105	44	N.D.	
83)	sec-butylbenzene	11.41	105	44	N.D.	
84)	4-Isopropyltoluene	11.76	119	37	N.D.	
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d
86)	1,4-Dichlorobenzene	11.70	146	35	N.D.	
87)	n-Butylbenzene	12.26	91	33	N.D.	
88)	1,2-Dichlorobenzene	12.21	146	29	N.D.	
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
90)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
91)	Hexachlorobutadiene	0.00	225	0	N.D.	
92)	Naphthalene	0.00	128	0	N.D.	d
93)	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.

TB-10-11/8/06

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

SDG No.: JPL23 Run Sequence: R012638

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-028

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1116013.D

Level: (LOW/MED) Date Collected: 11/15/2006

% Moisture: not dec. Date/Time Analyzed: 11/16/2006 16:52

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	0.29	J
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-10-11/8/06

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

SDG No.: JPL23 Run Sequence: R012638

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-028

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1116013.D

Level: (LOW/MED) _____ Date Collected: 11/15/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/16/2006 16:52

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-10-11/8/06

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

SDG No.: JPL23 Run Sequence: R012638

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-028

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1116013.D

Level: (LOW/MED) _____ Date Collected: 11/15/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/16/2006 16:52

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

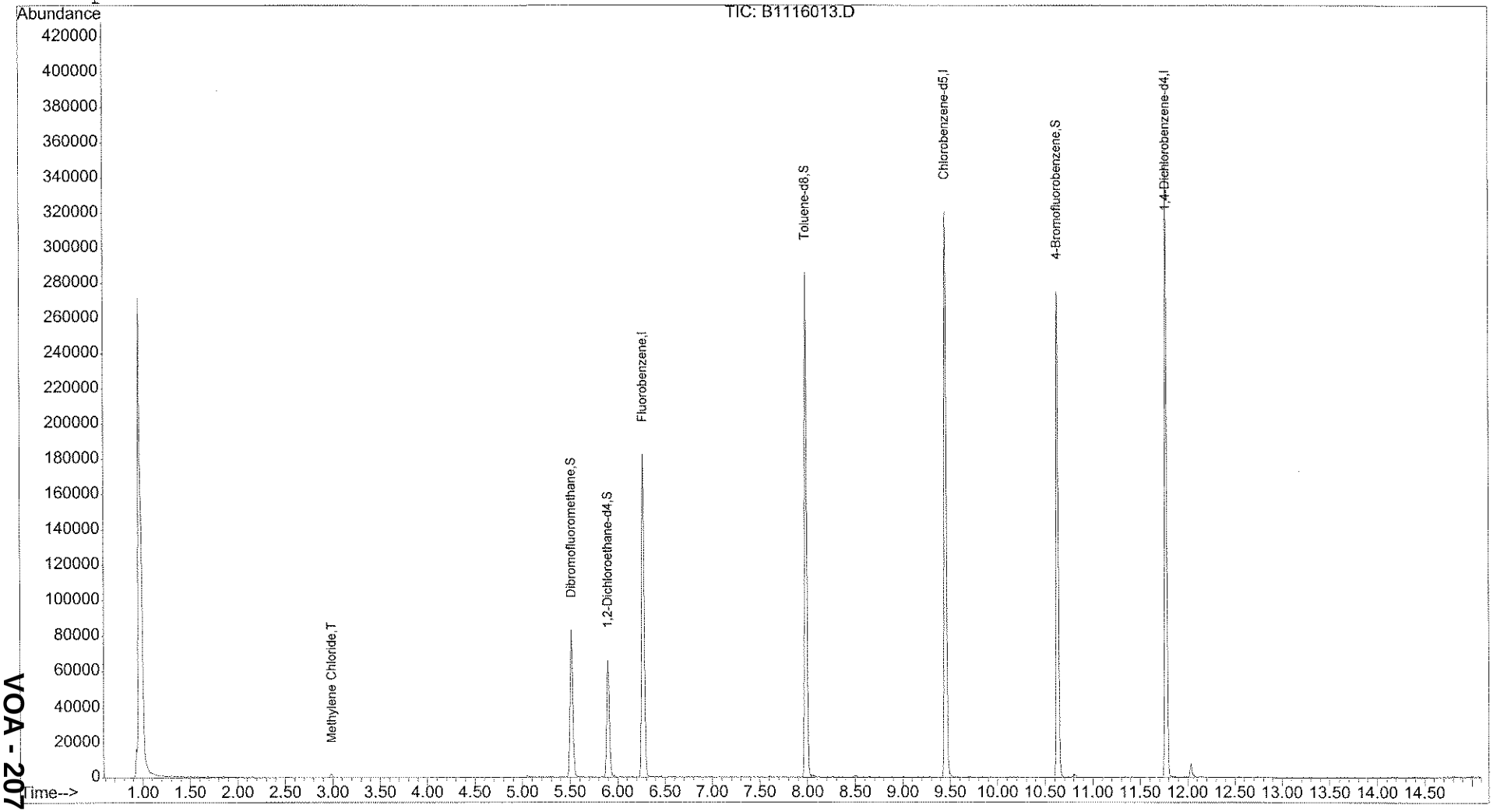
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111606\B1116013.D Vial: 21
Acq On : 16 Nov 2006 16:52 Operator: LH
Sample : JPL23-028 TB-10-11/8/06 Inst : Buddha
Misc : 25ML +IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 10:40 2006 Quant Results File: 826025ML.RES

Method : X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Wed Nov 15 16:44:52 2006
Response via : Initial Calibration



VOA - 207

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111606\B1116013.D Vial: 21
Acq On : 16 Nov 2006 16:52 Operator: LH
Sample : JPL23-028 TB-10-11/8/06 Inst : Buddha
Misc : 25ML +IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 10:40 2006 Quant Results File: 826025ML.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Wed Nov 15 16:44:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : X:\MSVOA\BUDDHA\CURVES06\110306\B1103009.D (3 Nov 2006 13:3

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	147300	10.00	ug/l	0.00 47.36%
51) Chlorobenzene-d5	9.45	82	83220	10.00	ug/l	0.00 51.99%
71) 1,4-Dichlorobenzene-d4	11.77	152	85391	10.00	ug/l	0.00 44.32%
System Monitoring Compounds						
32) Dibromofluoromethane	5.51	111	48460	11.69	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	55770	13.15	ug/l	0.00
52) Toluene-d8	7.98	98	167205	10.24	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	70869	11.64	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.23	50	65	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.99	84	1117	0.29	ug/l	92
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

LH 11/17/06

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111606\B1116013.D Vial: 21
Acq On : 16 Nov 2006 16:52 Operator: LH
Sample : JPL23-028 TB-10-11/8/06 Inst : Buddha
Misc : 25ML +IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 10:40 2006 Quant Results File: 826025ML.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Wed Nov 15 16:44:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
27)	Propionitrile	0.00	54	0	N.D.	
28)	2-Butanone	0.00	43	0	N.D. d	
29)	Bromochloromethane	0.00	128	0	N.D.	
30)	Methacrylonitrile	0.00	41	0	N.D.	
31)	Chloroform	5.32	83	34	Below Cal #	22
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	5.57	56	38	N.D.	
35)	Carbon Tetrachloride	0.00	117	0	N.D.	
36)	Isobutanol	0.00	43	0	N.D. d	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.92	78	35	N.D.	
40)	1,2-Dichloroethane	5.87	62	56	N.D.	
41)	Trichloroethene	0.00	130	0	N.D.	
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	6.80	63	35	Below Cal #	45
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	1,4-Dioxane	0.00	88	0	N.D. d	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
48)	Bromodichloromethane	0.00	83	0	N.D.	
49)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
50)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
53)	Toluene	8.04	92	38	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
56)	1,1,2-Trichloroethane	8.49	97	41	N.D.	
57)	Tetrachloroethene	8.74	166	30	N.D.	
58)	2-Hexanone	0.00	43	0	N.D. d	
59)	1,3-Dichloropropane	8.69	76	38	N.D.	
60)	Dibromochloromethane	0.00	129	0	N.D.	
61)	1,2-Dibromoethane	0.00	107	0	N.D.	
62)	Chlorobenzene	0.00	112	0	N.D.	
63)	1-Chlorohexane	9.58	91	39	N.D.	
64)	Ethylbenzene	9.58	91	39	N.D.	
65)	1,1,1,2-Tetrachloroethane	9.40	131	29	N.D.	
66)	m,p-Xylene	9.71	106	36	N.D.	
67)	o-xylene	10.10	106	43	N.D.	
68)	Styrene	10.32	104	30	N.D.	
69)	Bromoform	10.33	173	66	N.D.	
70)	Isopropylbenzene	10.63	105	120	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.64	83	37	N.D.	

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

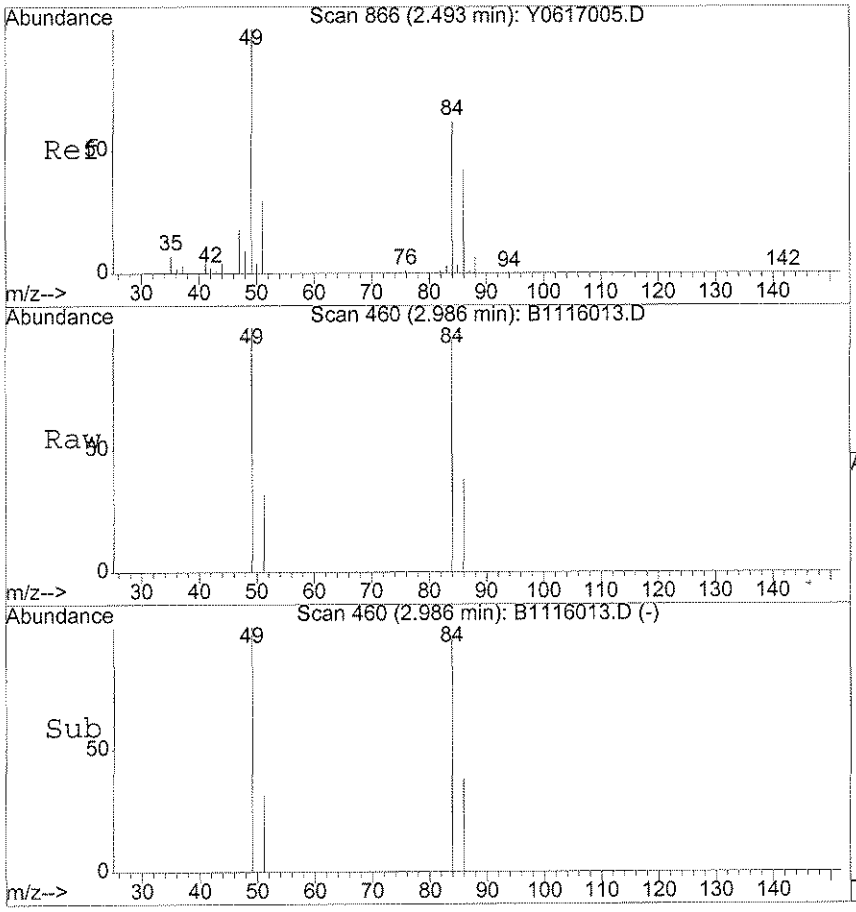
Quantitation Report

Data File : X:\MSVOA\BUDDHA\111606\B1116013.D Vial: 21
Acq On : 16 Nov 2006 16:52 Operator: LH
Sample : JPL23-028 TB-10-11/8/06 Inst : Buddha
Misc : 25ML +IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 10:40 2006 Quant Results File: 826025ML.RES

Quant Method : X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Wed Nov 15 16:44:52 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	n-Propylbenzene	0.00	120	0	N.D.		
75)	trans-1,4-Dichloro-2-buten	10.73	53	31	N.D.		
76)	Bromobenzene	10.64	156	30	N.D.		
77)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
78)	2-Chlorotoluene	10.96	91	74	N.D.		
79)	1,3,5-Trimethylbenzene	11.04	105	84	N.D.		
80)	4-Chlorotoluene	11.08	91	38	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.49	105	80	N.D.		
83)	sec-butylbenzene	11.49	105	80	N.D.		
84)	4-Isopropyltoluene	11.73	119	39	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d	
86)	1,4-Dichlorobenzene	11.80	146	90	N.D.		
87)	n-Butylbenzene	12.13	91	36	N.D.		
88)	1,2-Dichlorobenzene	12.18	146	51	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	d	
90)	1,2,4-Trichlorobenzene	13.77	180	52	N.D.		
91)	Hexachlorobutadiene	0.00	225	0	N.D.		
92)	Naphthalene	0.00	128	0	N.D.		
93)	1,2,3-Trichlorobenzene	14.23	180	29	N.D.		

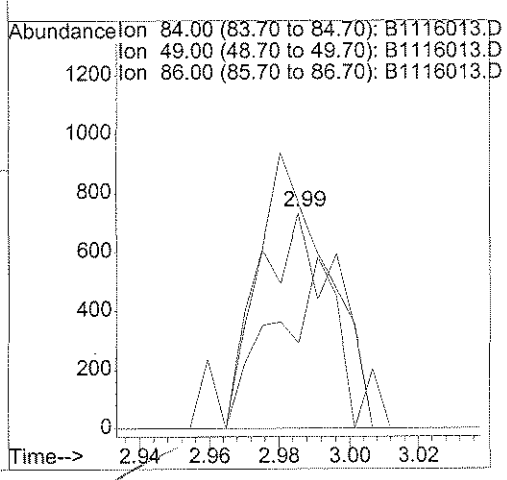
(#) = qualifier out of range (m) = manual integration

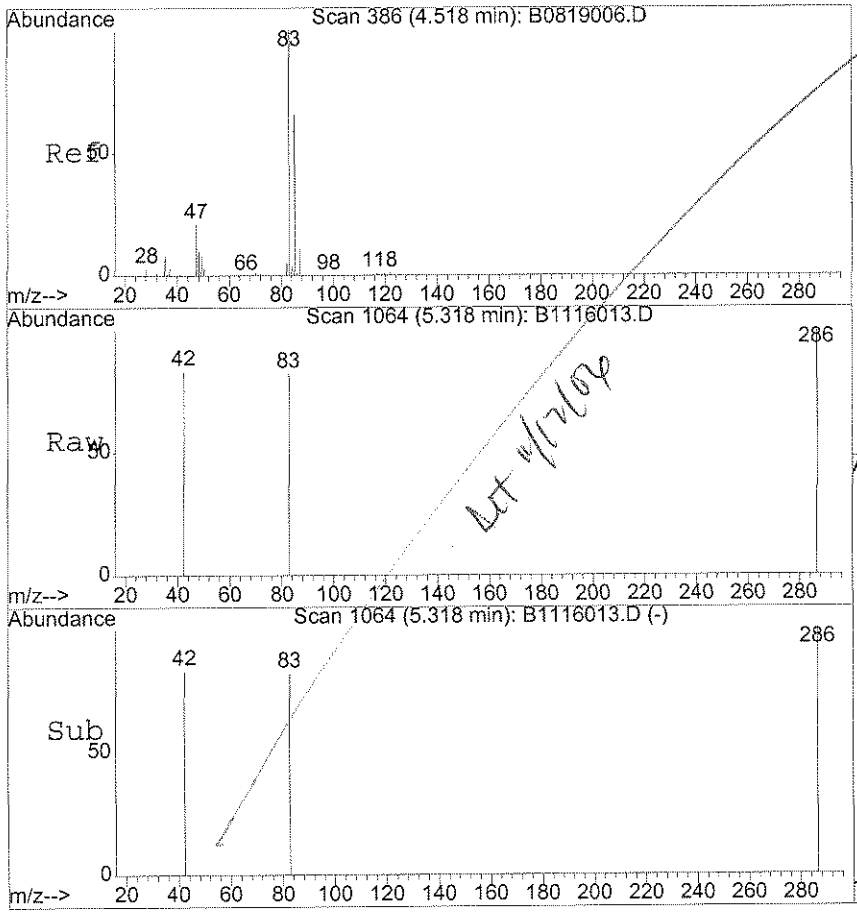


#18
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.99 min Scan# 460
Delta R.T. -0.01 min
Lab File: B1116013.D
Acq: 16 Nov 2006 16:52

Tgt Ion: 84 Resp: 1117

Ion	Ratio	Lower	Upper
84	100		
49	123.1	96.6	136.6
86	69.1	41.1	81.1

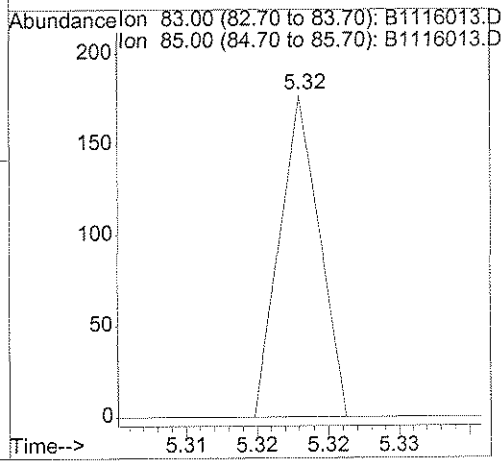




#31
Chloroform
Concen: Below Cal
RT: 5.32 min Scan# 1064
Delta R.T. 0.01 min
Lab File: B1116013.D
Acq: 16 Nov 2006 16:52

Tgt Ion: 83 Resp: 34

Ion	Ratio	Lower	Upper
83	100		
85	0.0	38.2	78.2#



TIC FORMS

SDG JPL23

VOLATILES ANALYSIS

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B111506MVOWB1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012636

Matrix: (SOIL/WATER) Water

Lab Sample ID: B111506MVOWB1

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B111506007.D

Level: (LOW/MED)

Date Collected:

% Moisture: not dec.

Date Analyzed: 11/15/2006

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\BUDDHA\111506\B111506007.D Vial: 16
Acq On : 15 Nov 2006 14:54 Operator: LH
Sample : B111506MVOWB1 Inst : Buddha
Misc : 25ML PFW+IS/SS(MV8-35-10) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
B111506007.D 826025ML.M Tue Dec 05 16:10:22 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B111606MVOWB1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012638

Matrix: (SOIL/WATER) Water

Lab Sample ID: B111606MVOWB1

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B1116008.D

Level: (LOW/MED)

Date Collected:

% Moisture: not dec.

Date Analyzed: 11/16/2006

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\BUDDHA\111606\B1116008.D Vial: 16
Acq On : 16 Nov 2006 14:04 Operator: LH
Sample : B111606MVOWB1 Inst : Buddha
Misc : 25ML PFW+IS/SS(MV8-35-10) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
B1116008.D 826025ML.M Tue Dec 05 17:03:59 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-4-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012636

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-006

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B111506009.D

Level: (LOW/MED)

Date Collected: 11/10/2006

% Moisture: not dec.

Date Analyzed: 11/15/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 15 Nov 2006 16:25
Data File: X:\MSVOA\BUDDHA\111506\B111506010.D
Name: JPL23-007 MW-4-3
Misc: 25ML+IS/SS #7
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

B111506010.D 826025ML.M Tue Dec 05 11:07:34 2006

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.: JPL23

Run Sequence: R012636

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-007

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B111506010.D

Level: (LOW/MED)

Date Collected: 11/10/2006

% Moisture: not dec.

Date Analyzed: 11/15/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 15 Nov 2006 15:55
Data File: X:\MSVOA\BUDDHA\111506\B111506009.D
Name: JPL23-006 MW-4-4
Misc: 25ML+IS/SS #5
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

B111506009.D 826025ML.M Tue Dec 05 11:08:08 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-11-11/9/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012636

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-008

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B111506011.D

Level: (LOW/MED)

Date Collected: 11/10/2006

% Moisture: not dec.

Date Analyzed: 11/15/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 15 Nov 2006 16:54
Data File: X:\MSVOA\BUDDHA\111506\B111506011.D
Name: JPL23-008 EB-11-11/9/06
Misc: 25ML+IS/SS #5
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

B111506011.D 826025ML.M Tue Dec 05 11:05:19 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-11-11/9/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012634

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-009

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B1114011.D

Level: (LOW/MED)

Date Collected: 11/10/2006

% Moisture: not dec.

Date Analyzed: 11/14/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 14 Nov 2006 14:47
Data File: X:\MSVOA\BUDDHA\111406\B1114011.D
Name: JPL23-009 TB-10-11/9/06
Misc: 25ML +IS/SS #1 TRIP BLANK
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

B1114011.D 826025ML.M Mon Dec 04 13:10:54 2006

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.: JPL23

Run Sequence: R012636

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-010

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B111506012.D

Level: (LOW/MED)

Date Collected: 11/11/2006

% Moisture: not dec.

Date Analyzed: 11/15/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 15 Nov 2006 17:24
Data File: X:\MSVOA\BUDDHA\111506\B111506012.D
Name: JPL23-010 MW-4-2
Misc: 25ML+IS/SS #6
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

B111506012.D 826025ML.M Tue Dec 05 11:03:53 2006

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.: JPL23

Run Sequence: R012636

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-011

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B111506013.D

Level: (LOW/MED)

Date Collected: 11/11/2006

% Moisture: not dec.

Date Analyzed: 11/15/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 15 Nov 2006 17:53
Data File: X:\MSVOA\BUDDHA\111506\B111506013.D
Name: JPL23-011 MW-4-1
Misc: 25ML+IS/SS #7
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

B111506013.D 826025ML.M Tue Dec 05 11:03:05 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

DUPE-3-4Q06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012636

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-012

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B111506014.D

Level: (LOW/MED)

Date Collected: 11/11/2006

% Moisture: not dec.

Date Analyzed: 11/15/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 15 Nov 2006 18:22
Data File: X:\MSVOA\BUDDHA\111506\B111506014.D
Name: JPL23-012 DUPE-3-4Q06
Misc: 25ML+IS/SS #2
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

B111506014.D 826025ML.M Tue Dec 05 11:01:46 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-12-11/10/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012636

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-013

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B111506015.D

Level: (LOW/MED)

Date Collected: 11/11/2006

% Moisture: not dec.

Date Analyzed: 11/15/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 15 Nov 2006 18:52
Data File: X:\MSVOA\BUDDHA\111506\B111506015.D
Name: JPL23-013 EB-12-11/10/06
Misc: 25ML+IS/SS #3
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

B111506015.D 826025ML.M Tue Dec 05 11:00:55 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-12-11/10/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012634

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-014

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B1114012.D

Level: (LOW/MED)

Date Collected: 11/11/2006

% Moisture: not dec.

Date Analyzed: 11/14/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 14 Nov 2006 15:17
Data File: X:\MSVOA\BUDDHA\111406\B1114012.D
Name: JPL23-014 TB-12-11/10/06
Misc: 25ML +IS/SS #1 TRIP BLANK
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

B1114012.D 826025ML.M Mon Dec 04 13:14:22 2006

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.: JPL23

Run Sequence: R012636

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-015

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B111506016.D

Level: (LOW/MED)

Date Collected: 11/14/2006

% Moisture: not dec.

Date Analyzed: 11/15/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 15 Nov 2006 19:21
Data File: X:\MSVOA\BUDDHA\111506\B111506016.D
Name: JPL23-015 MW-18-5
Misc: 25ML+IS/SS #4
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

B111506016.D 826025ML.M Tue Dec 05 10:59:48 2006

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.: JPL23

Run Sequence: R012636

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-016

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B111506017.D

Level: (LOW/MED)

Date Collected: 11/14/2006

% Moisture: not dec.

Date Analyzed: 11/15/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 15 Nov 2006 19:51
Data File: X:\MSVOA\BUDDHA\111506\B111506017.D
Name: JPL23-016 MW-18-4
Misc: 25ML+IS/SS #5
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

B111506017.D 826025ML.M Tue Dec 05 10:58:47 2006

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.: JPL23

Run Sequence: R012636

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-017

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B111506018.D

Level: (LOW/MED)

Date Collected: 11/14/2006

% Moisture: not dec.

Date Analyzed: 11/15/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 15 Nov 2006 20:21
Data File: X:\MSVOA\BUDDHA\111506\B111506018.D
Name: JPL23-017 MW-18-2
Misc: 25ML+IS/SS #1
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

B111506018.D 826025ML.M Tue Dec 05 10:57:31 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
EB-13-11/13/06

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

SDG No.: JPL23
Run Sequence: R012636

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL23-018

Sample wt/vol: 25.0 (g/mL) mL
Lab File ID: B111506019.D

Level: (LOW/MED)
Date Collected: 11/13/2006

% Moisture: not dec.
Date Analyzed: 11/15/2006

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

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

Number TICs Found: 1
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	000115-11-7	1-Propene, 2-methyl- $$ Prop	1.291	1.1	JN
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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 15 Nov 2006 20:51
Data File: X:\MSVOA\BUDDHA\111506\B111506019.D
Name: JPL23-018 EB-13-11/13/06
Misc: 25ML+IS/SS #4
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
1-Propene, 2-methyl-	1.29	1.1	ug/l	35784	ISTD01	6.27	338195	10.0

B111506019.D 826025ML.M Tue Dec 05 10:57:22 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-13-11/13/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012634

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-019

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B1114013.D

Level: (LOW/MED)

Date Collected: 11/14/2006

% Moisture: not dec.

Date Analyzed: 11/14/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 14 Nov 2006 15:47
Data File: X:\MSVOA\BUDDHA\111406\B1114013.D
Name: JPL23-019 TB-13-11/13/06
Misc: 25ML +IS/SS #2 TRIP BLANK
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

B1114013.D 826025ML.M Mon Dec 04 13:15:56 2006

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.: JPL23

Run Sequence: R012826

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-020

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

Lab File ID: Y1121014.D

Level: (LOW/MED)

Date Collected: 11/15/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 15:21
Data File: X:\MSVOA\YODA\112106\Y1121014.D
Name: JPL23-020 MW-18-3
Misc: 5mL+IS/SS #7
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1121014.D 8260B.M Wed Nov 22 16:32:51 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-18-3MS

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012638

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-020MS

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B1116019.D

Level: (LOW/MED)

Date Collected: 11/14/2006

% Moisture: not dec.

Date Analyzed: 11/16/2006

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

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 3

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	000637-92-3	Propane, 2-ethoxy-2-methyl- $	4.615	3.1	JN
02	000637-92-3	Propane, 2-ethoxy-2-methyl-	4.612	1.6	JN
03	000637-92-3	Propane, 2-ethoxy-2-methyl- $	4.622	1.0	JN
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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 16 Nov 2006 19:50
Data File: X:\MSVOA\BUDDHA\111606\B1116019.D
Name: JPL23-020MS MW-18-4
Misc: 25ML +IS/SS #5
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Propane, 2-ethoxy-2-	4.61	1.6	ug/l	57585	ISTD01	6.27	367245	10.0
Propane, 2-ethoxy-2-	4.62	3.1	ug/l	113127	ISTD01	6.27	367245	10.0
Propane, 2-ethoxy-2-	4.62	1.0	ug/l	37087	ISTD01	6.27	367245	10.0

B1116019.D 826025ML.M Tue Dec 05 12:03:54 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-18-3MSD

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012638

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-020MSD

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B1116020.D

Level: (LOW/MED)

Date Collected: 11/14/2006

% Moisture: not dec.

Date Analyzed: 11/16/2006

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

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 7

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	000637-92-3	Propane, 2-ethoxy-2-methyl-	4.615	3.9	JN
02	000108-20-3	Diisopropyl ether	4.07	3.8	JN
03	000994-05-8	Butane, 2-methoxy-2-methyl-	6.079	3.1	JN
04	000108-20-3	Diisopropyl ether	4.063	2.4	JN
05	000637-92-3	Propane, 2-ethoxy-2-methyl-	4.619	1.8	JN
06	000994-05-8	Butane, 2-methoxy-2-methyl-	6.082	1.2	JN
07	000108-20-3	Diisopropyl ether	4.057	1.2	JN
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Comments:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 16 Nov 2006 20:19
Data File: X:\MSVOA\BUDDHA\111606\B1116020.D
Name: JPL23-020MSD MW-18-4
Misc: 25ML +IS/SS #5
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Diisopropyl ether	4.06	1.2	ug/l	45631	ISTD01	6.27	386258	10.0
Diisopropyl ether	4.06	2.4	ug/l	91499	ISTD01	6.27	386258	10.0
Diisopropyl ether	4.07	3.8	ug/l	148323	ISTD01	6.27	386258	10.0
Propane, 2-ethoxy-2-	4.62	3.9	ug/l	149175	ISTD01	6.27	386258	10.0
Propane, 2-ethoxy-2-	4.62	1.8	ug/l	68418	ISTD01	6.27	386258	10.0
Butane, 2-methoxy-2-	6.08	3.1	ug/l	119846	ISTD01	6.27	386258	10.0
Butane, 2-methoxy-2-	6.08	1.2	ug/l	45300	ISTD01	6.27	386258	10.0

B1116020.D 826025ML.M Fri Nov 17 14:57:44 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-18-1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012638

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-021

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B1116018.D

Level: (LOW/MED)

Date Collected: 11/15/2006

% Moisture: not dec.

Date Analyzed: 11/16/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 16 Nov 2006 19:19
Data File: X:\MSVOA\BUDDHA\111606\B1116018.D
Name: JPL23-021 MV-18-1
Misc: 25ML +IS/SS #4
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

B1116018.D 826025ML.M Fri Nov 17 15:03:32 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-14-11/14/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012826

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-022

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

Lab File ID: Y1121015.D

Level: (LOW/MED)

Date Collected: 11/15/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 15:46
Data File: X:\MSVOA\YODA\112106\Y1121015.D
Name: JPL23-022 EB-14-11/14/06
Misc: 5mL+IS/SS #4
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1121015.D 8260B.M Wed Nov 22 16:35:46 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-14-11/14/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012826

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-023

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

Lab File ID: Y1121010.D

Level: (LOW/MED)

Date Collected: 11/15/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 13:44
Data File: X:\MSVOA\YODA\112106\Y1121010.D
Name: JPL23-023 TB-14-11/14/06
Misc: 5mL+IS/SS #2
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1121010.D 8260B.M Wed Nov 22 16:21:29 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-4-5

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012826

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-024

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

Lab File ID: Y1121016.D

Level: (LOW/MED)

Date Collected: 11/16/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 16:10
Data File: X:\MSVOA\YODA\112106\Y1121016.D
Name: JPL23-024 MW-4-5
Misc: 5mL+IS/SS #7
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1121016.D 8260B.M Wed Nov 22 16:38:09 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-3-1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012638

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-025

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B1116015.D

Level: (LOW/MED)

Date Collected: 11/16/2006

% Moisture: not dec.

Date Analyzed: 11/16/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 16 Nov 2006 17:51
Data File: X:\MSVOA\BUDDHA\111606\B1116015.D
Name: JPL23-025 MW-3-1
Misc: 25ML +IS/SS #16
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

B1116015.D 826025ML.M Fri Nov 17 15:08:08 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-3-1MS

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012638

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-025MS

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B1116021.D

Level: (LOW/MED)

Date Collected: 11/15/2006

% Moisture: not dec.

Date Analyzed: 11/16/2006

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

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 7

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	000108-20-3	Diisopropyl ether	4.057	5.7	JN
02	000637-92-3	Propane, 2-ethoxy-2-methyl-	4.622	3.8	JN
03	000994-05-8	Butane, 2-methoxy-2-methyl- $	6.082	3.4	JN
04	000108-20-3	Diisopropyl ether	4.064	1.6	JN
05	000637-92-3	Propane, 2-ethoxy-2-methyl-	4.612	1.2	JN
06	000994-05-8	Butane, 2-methoxy-2-methyl- $	6.085	1.2	JN
07	000420-56-4	Silane, fluorotrimethyl- $$ F	1.448	1.0	JN
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Comments:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 16 Nov 2006 20:49
Data File: X:\MSVOA\BUDDHA\111606\B1116021.D
Name: JPL23-025MS MW-18-1
Misc: 25ML +IS/SS #10
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Silane, fluorotrimet	1.45	1.0	ug/l	41703	ISTD01	6.27	397537	10.0
Diisopropyl ether	4.06	5.7	ug/l	225173	ISTD01	6.27	397537	10.0
Diisopropyl ether	4.06	1.6	ug/l	63466	ISTD01	6.27	397537	10.0
Propane, 2-ethoxy-2-	4.61	1.2	ug/l	47638	ISTD01	6.27	397537	10.0
Propane, 2-ethoxy-2-	4.62	3.8	ug/l	150152	ISTD01	6.27	397537	10.0
Butane, 2-methoxy-2-	6.08	3.4	ug/l	135685	ISTD01	6.27	397537	10.0
Butane, 2-methoxy-2-	6.09	1.2	ug/l	48322	ISTD01	6.27	397537	10.0

B1116021.D 826025ML.M Fri Nov 17 14:50:11 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
MW-3-1MSD

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

SDG No.: JPL23
Run Sequence: R012638

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL23-025MSD

Sample wt/vol: 25.0 (g/mL) mL
Lab File ID: B1116022.D

Level: (LOW/MED)
Date Collected: 11/15/2006

% Moisture: not dec.
Date Analyzed: 11/16/2006

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

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

Number TICs Found: 6
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	000637-92-3	Propane, 2-ethoxy-2-methyl-	4.625	3.3	JN
02	000108-20-3	Diisopropyl ether	4.054	2.2	JN
03	000637-92-3	Propane, 2-ethoxy-2-methyl-	4.619	1.6	JN
04	000108-20-3	Diisopropyl ether	4.057	1.2	JN
05	000420-56-4	Silane, fluorotrimethyl- $$ F	1.448	1.1	JN
06	000637-92-3	Propane, 2-ethoxy-2-methyl-	4.615	1.0	JN
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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 16 Nov 2006 21:18
Data File: X:\MSVOA\BUDDHA\111606\B1116022.D
Name: JPL23-025MSD MW-3-1
Misc: 25ML +IS/SS #10
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Silane, fluorotrimet	1.45	1.1	ug/l	43153	ISTD01	6.27	408163	10.0
Diisopropyl ether	4.05	2.2	ug/l	88674	ISTD01	6.27	408163	10.0
Diisopropyl ether	4.06	1.2	ug/l	47622	ISTD01	6.27	408163	10.0
Propane, 2-ethoxy-2-	4.62	1.0	ug/l	41442	ISTD01	6.27	408163	10.0
Propane, 2-ethoxy-2-	4.62	1.6	ug/l	63578	ISTD01	6.27	408163	10.0
Propane, 2-ethoxy-2-	4.63	3.3	ug/l	135631	ISTD01	6.27	408163	10.0

B1116022.D 826025ML.M Fri Nov 17 14:49:43 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-10-11/8/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012638

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-026

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B1116016.D

Level: (LOW/MED)

Date Collected: 11/15/2006

% Moisture: not dec.

Date Analyzed: 11/16/2006

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

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 1

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	000115-11-7	1-Propene, 2-methyl- $$ Prop	1.291	2.2	JN
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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 16 Nov 2006 18:20
Data File: X:\MSVOA\BUDDHA\111606\B1116016.D
Name: JPL23-026 EB-10-11/8/06
Misc: 25ML +IS/SS #7
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
1-Propene, 2-methyl-	1.29	2.2	ug/l	79236	ISTD01	6.27	352829	10.0

B1116016.D 826025ML.M Fri Nov 17 15:06:44 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

SB-1-11/8/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012638

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-027

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B1116017.D

Level: (LOW/MED)

Date Collected: 11/16/2006

% Moisture: not dec.

Date Analyzed: 11/16/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 16 Nov 2006 18:50
Data File: X:\MSVOA\BUDDHA\111606\B1116017.D
Name: JPL23-027 SB-1-11/8/06
Misc: 25ML +IS/SS #3
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

B1116017.D 826025ML.M Fri Nov 17 15:05:02 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-10-11/8/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL23

Run Sequence: R012638

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL23-028

Sample wt/vol: 25.0 (g/mL) mL

Lab File ID: B1116013.D

Level: (LOW/MED)

Date Collected: 11/16/2006

% Moisture: not dec.

Date Analyzed: 11/16/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 16 Nov 2006 16:52
Data File: X:\MSVOA\BUDDHA\111606\B1116013.D
Name: JPL23-028 TB-10-11/8/06
Misc: 25ML +IS/SS #2
Method: X:\MSVOA\BUDDHA\QUANT\826025ML.M (RTE Integrator)
Title: VOA Standards for 6 point calibration 8260- 25ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

B1116013.D 826025ML.M Fri Nov 17 15:10:10 2006

SAMPLE DATA

SDG# JPL23

Semivolatiles

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-4

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

SDG No.: JPL23 Run Sequence: R012958

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-006

Sample wt/vol: 960.0 (g/mL) mL Lab File ID: Z1129006.D

Level: (LOW/MED) Date Collected: 11/09/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/13/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/29/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: <2 Extraction: (Type) CONT

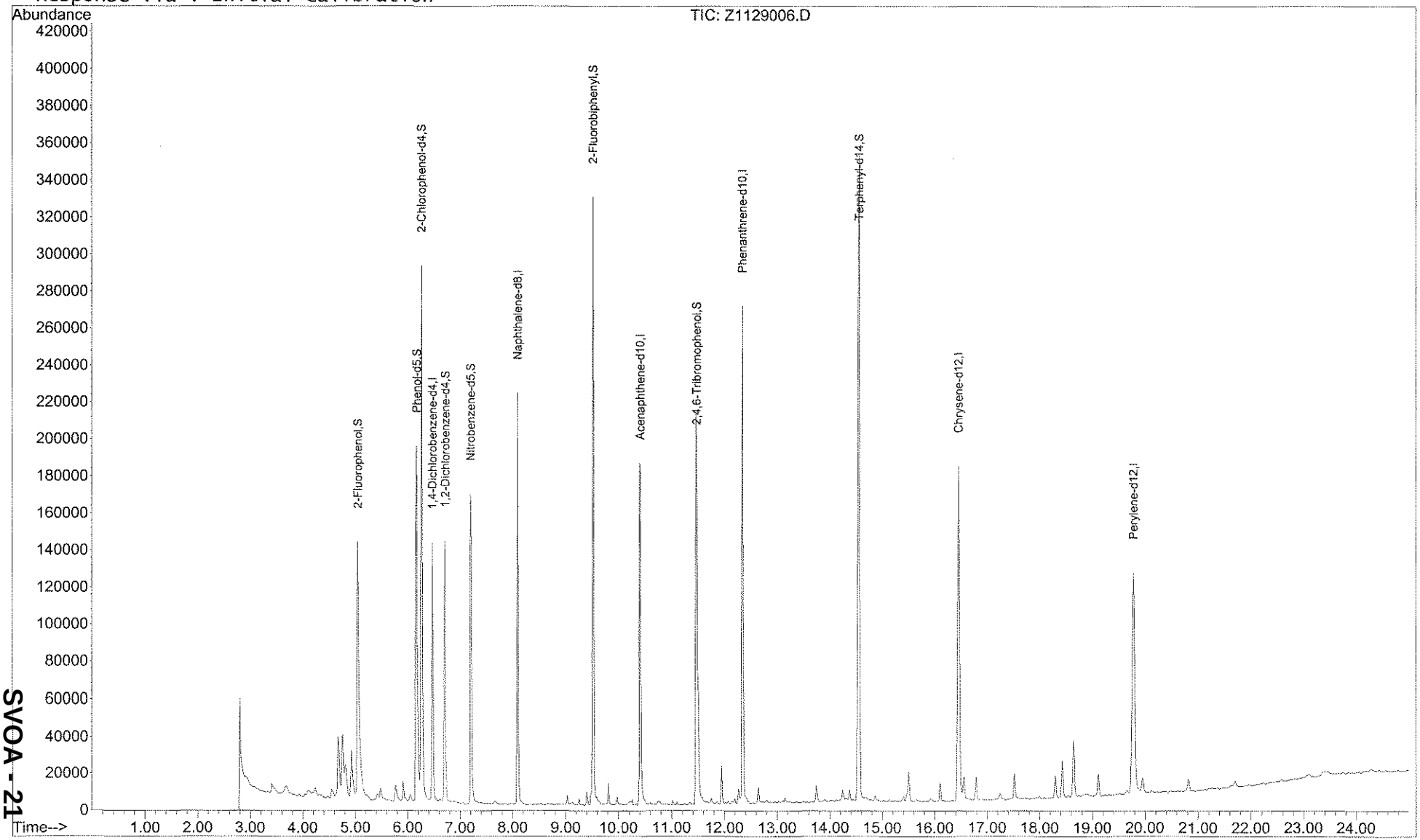
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.6	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129006.D Vial: 3
Acq On : 29 Nov 2006 19:03 Operator: LPM
Sample : JPL23-006 MW-4-4 Inst : Zooey
Misc : 5970Z 960ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:20 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Thu Nov 30 08:19:31 2006
Response via : Initial Calibration



SVOA - 21

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129006.D Vial: 3
Acq On : 29 Nov 2006 19:03 Operator: LPM
Sample : JPL23-006 MW-4-4 Inst : Zooey
Misc : 5970Z 960ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:20 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Thu Nov 30 08:19:31 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) 1,4-Dichlorobenzene-d4	6.47	152	33385	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.09	136	137098	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.41	164	80725	20.00	ng/ul	0.00 NA%
68) Phenanthrene-d10	12.34	188	157404	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.45	240	137391	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.78	264	113254	20.00	ng/ul	0.00 NA%

System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	99807	50.69	ng/ul	0.00
Spiked Amount 75.000	Range 20 - 110		Recovery = 67.59%			
7) Phenol-d5	6.17	99	149821	56.12	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 74.83%			
11) 2-Chlorophenol-d4	6.26	132	126842	53.93	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 71.91%			
15) 1,2-Dichlorobenzene-d4	6.71	152	38968	27.43	ng/ul	0.02
Spiked Amount 50.000	Range 38 - 82		Recovery = 54.86%			
25) Nitrobenzene-d5	7.20	82	93450	37.23	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 74.46%			
46) 2-Fluorobiphenyl	9.52	172	165934	33.21	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 66.42%			
72) 2,4,6-Tribromophenol	11.48	330	50481	43.44	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 57.92%			
85) Terphenyl-d14	14.56	244	234137	35.80	ng/ul	0.01
Spiked Amount 50.000	Range 50 - 135		Recovery = 71.60%			

Target Compounds				Qvalue
2) 1,4-Dioxane	3.03	88	106	N.D.
3) N-nitrosodimethylamine	3.47	74	21	N.D.
4) Pyridine	3.42	79	157	N.D.
6) Benzaldehyde	5.94	77	258	N.D.
8) Phenol	6.18	94	574	N.D.
9) Aniline	6.15	93	33	N.D.
10) Bis(2-Chloroethyl)ether	6.15	93	33	N.D.
12) 2-Chlorophenol	6.27	128	90	N.D.
13) 1,3-Dichlorobenzene	6.43	146	45	N.D.
14) 1,4-Dichlorobenzene	6.50	146	28	N.D.
16) Benzyl alcohol	6.71	108	308	N.D.
17) 1,2-Dichlorobenzene	6.73	146	46	N.D.
18) 2-Methylphenol	6.93	108	24	N.D.
19) Bis(2-chloroisopropyl)ethe	6.90	45	462	N.D.
20) 3 & 4-Methylphenol	7.02	108	13	N.D.
21) Acetophenone	7.03	105	415	N.D.
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.
23) Hexachloroethane	7.12	117	52	N.D.
26) Nitrobenzene	7.20	77	493	N.D.
27) Isophorone	7.47	82	102	N.D.
28) 2-Nitrophenol	7.64	139	18	N.D.

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129006.D Vial: 3
Acq On : 29 Nov 2006 19:03 Operator: LPM
Sample : JPL23-006 MW-4-4 Inst : Zooey
Misc : 5970Z 960ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:20 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Thu Nov 30 08:19:31 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.76	107	20	N.D.	
30)	bis(2-Chloroethoxy)methane	7.82	93	79	N.D.	
31)	Benzoic acid	8.03	105	229	Below Cal	87
32)	2,4-Dichlorophenol	7.96	162	14	N.D.	
33)	1,2,4-Trichlorobenzene	8.05	180	14	N.D.	
34)	Naphthalene	8.11	128	308	N.D.	
35)	4-Chloroaniline	8.23	127	32	N.D.	
36)	Hexachlorobutadiene	0.00	225	0	N.D.	
37)	Caprolactam	8.75	113	29	N.D.	
38)	4-Chloro-3-methylphenol	8.94	107	48	N.D.	
39)	2-Methylnaphthalene	9.00	142	15	N.D.	
41)	1-Methylnaphthalene	9.17	142	19	N.D.	
42)	Hexachlorocyclopentadiene	9.35	237	12	1.02 ng/ul#	30
43)	1,2,4,5-Tetrachlorobenzene	9.22	216	12	N.D.	
44)	2,4,6-Trichlorophenol	9.41	196	11	N.D.	
45)	2,4,5-Trichlorophenol	9.49	196	36	N.D.	
47)	1,1'-Biphenyl	9.64	154	542	N.D.	
48)	2-Chloronaphthalene	9.67	162	16	N.D.	
49)	2-Nitroaniline	9.87	65	60	N.D.	
50)	Dimethylphthalate	10.10	163	96	N.D.	
51)	1,4-Dinitrobenzene	9.97	168	15	N.D.	
52)	1,3-Dinitrobenzene	10.16	168	36	N.D.	
53)	2,6-Dinitrotoluene	10.20	165	191	N.D.	
54)	Acenaphthylene	10.22	152	126	N.D.	
55)	1,2-Dinitrobenzene	10.32	168	14	N.D.	
56)	3-Nitroaniline	10.43	138	14	N.D.	
57)	Acenaphthene	10.46	153	20	N.D.	
58)	2,4-Dinitrophenol	10.43	184	12	3.83 ng/ul#	1
59)	4-Nitrophenol	10.66	109	122	1.71 ng/uL#	11
60)	Dibenzofuran	10.69	168	20	N.D.	
61)	2,4-Dinitrotoluene	10.78	165	164	N.D.	
62)	2,3,5,6-tetrachlorophenol	0.00	232	0	N.D.	
63)	2,3,4,6-tetrachlorophenol	0.00	232	0	N.D.	
64)	Diethylphthalate	11.04	149	353	N.D.	
65)	Fluorene	11.13	166	24	N.D.	
66)	4-Chlorophenyl-phenylether	11.08	204	19	N.D.	
67)	4-Nitroaniline	11.20	138	37	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.40	198	25	N.D.	
70)	N-nitrosodiphenylamine	11.26	169	30	N.D.	
71)	1,2-Diphenylhydrazine	11.34	77	89	N.D.	
73)	4-Bromophenyl-phenylether	11.69	248	27	N.D.	
74)	Hexachlorobenzene	0.00	284	0	N.D.	
75)	Atrazine	12.05	200	17	N.D.	
76)	Pentachlorophenol	12.14	266	17	N.D.	
77)	Phenanthrene	12.37	178	259	N.D.	
78)	Anthracene	12.37	178	259	N.D.	
79)	Carbazole	12.64	167	227	N.D.	
80)	Di-n-butylphthalate	13.14	149	2237	N.D.	
81)	Fluoranthene	13.99	202	142	N.D.	
83)	Benzidine	14.19	184	15	3.97 ng/ul	67
84)	Pyrene	14.31	202	135	N.D.	
86)	Butylbenzylphthalate	15.53	149	41	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.50	129	4526	N.D.	
88)	3,3'-Dichlorobenzidine	16.38	252	12	N.D.	
89)	Benzo[a]anthracene	16.45	228	507	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129006.D Vial: 3
Acq On : 29 Nov 2006 19:03 Operator: LPM
Sample : JPL23-006 MW-4-4 Inst : Zooey
Misc : 5970Z 960ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:20 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Thu Nov 30 08:19:31 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.56	149	5559	N.D.	
91)	Chrysene	16.45	228	507	N.D.	
93)	Di-n-octylphthalate	17.93	149	804	N.D.	
94)	Benzo[b]fluoranthene	18.88	252	140	N.D.	
95)	Benzo[k]fluoranthene	18.88	252	140	N.D.	
96)	Benzo[a]pyrene	19.66	252	143	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.51	276	238	N.D.	
98)	Dibenz[a,h]anthracene	22.52	278	179	N.D.	
99)	Benzo[g,h,i]perylene	23.09	276	125	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-3

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

SDG No.: JPL23 Run Sequence: R012958

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-007

Sample wt/vol: 970.0 (g/mL) mL Lab File ID: Z1129007.D

Level: (LOW/MED) _____ Date Collected: 11/09/2006

% Moisture: _____ Decanted: (Y/N) N Date Extracted: 11/13/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/29/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: <2 Extraction: (Type) CONT

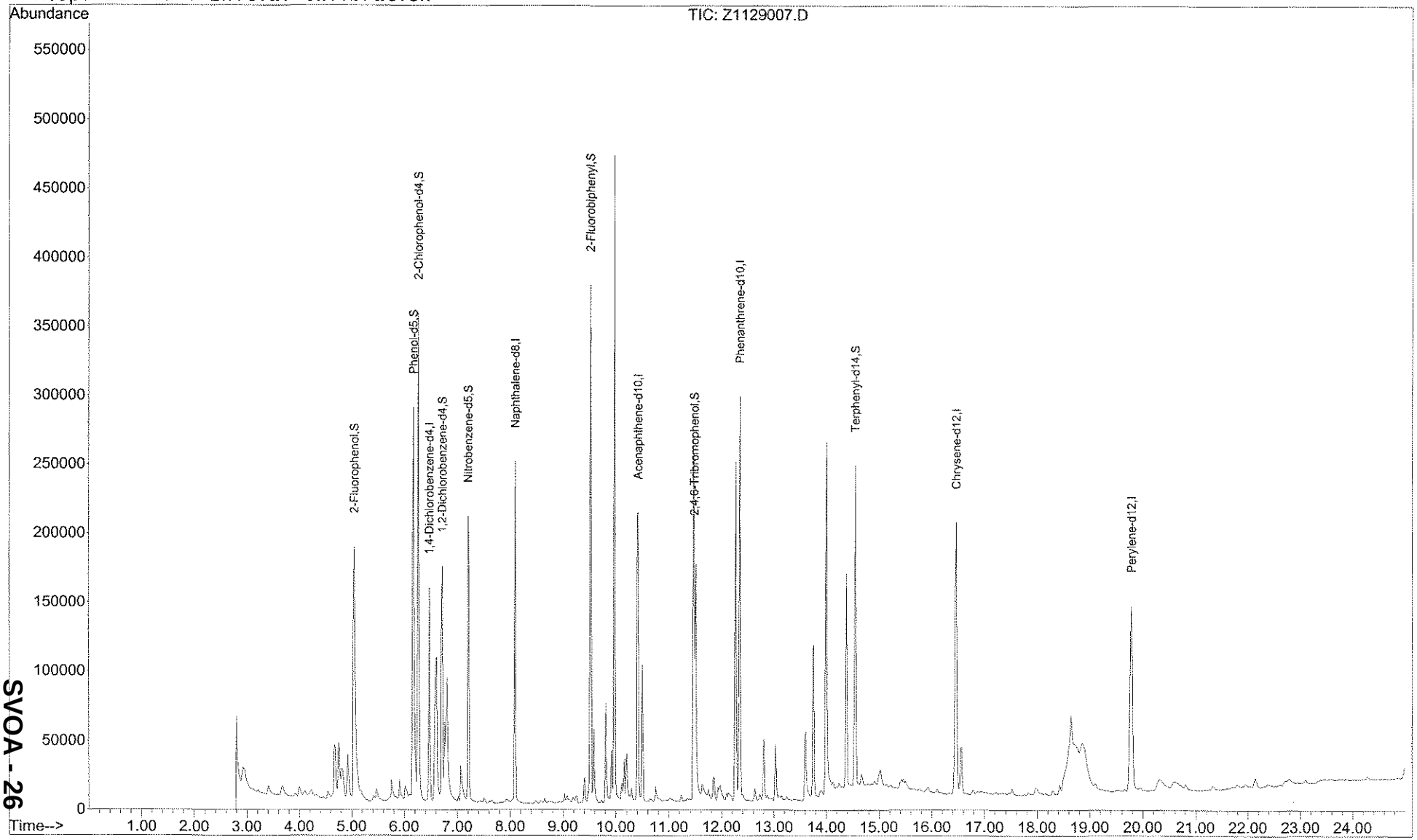
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129007.D Vial: 4
Acq On : 29 Nov 2006 19:39 Operator: LPM
Sample : JPL23-007 MW-4-3 Inst : Zooey
Misc : 5970Z 970ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:21 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Thu Nov 30 08:19:31 2006
Response via : Initial Calibration



SVOA-26

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129007.D Vial: 4
Acq On : 29 Nov 2006 19:39 Operator: LPM
Sample : JPL23-007 MW-4-3 Inst : Zooey
Misc : 5970Z 970ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Thu Nov 30 08:19:31 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) 1,4-Dichlorobenzene-d4	6.47	152	37521	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.09	136	152932	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.42	164	88390	20.00	ng/ul	0.00 NA%
68) Phenanthrene-d10	12.34	188	169531	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.46	240	142396	20.00	ng/ul	-0.01 NA%
92) Perylene-d12	19.78	264	125497	20.00	ng/ul	0.00 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	133078	60.14	ng/ul	0.00
Spiked Amount 75.000	Range 20 - 110		Recovery = 80.19%			
7) Phenol-d5	6.17	99	197488	65.82	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 87.76%			
11) 2-Chlorophenol-d4	6.26	132	158489	59.96	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 79.95%			
15) 1,2-Dichlorobenzene-d4	6.71	152	43646	27.33	ng/ul	0.02
Spiked Amount 50.000	Range 38 - 82		Recovery = 54.66%			
25) Nitrobenzene-d5	7.20	82	116270	41.53	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 83.06%			
46) 2-Fluorobiphenyl	9.52	172	189729	34.68	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 69.36%			
72) 2,4,6-Tribromophenol	11.48	330	62004	49.54	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 66.05%			
85) Terphenyl-d14	14.54	244	129607	19.12	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 135		Recovery = 38.24%#			
Target Compounds						Qvalue
2) 1,4-Dioxane	3.07	88	158	N.D.		
3) N-nitrosodimethylamine	3.44	74	65	N.D.		
4) Pyridine	3.39	79	33	N.D.		
6) Benzaldehyde	5.92	77	88	N.D.		
8) Phenol	6.18	94	1147	N.D.		
9) Aniline	6.15	93	425	N.D.		
10) Bis(2-Chloroethyl)ether	6.15	93	425	N.D.		
12) 2-Chlorophenol	6.27	128	71	N.D.		
13) 1,3-Dichlorobenzene	6.43	146	49	N.D.		
14) 1,4-Dichlorobenzene	6.49	146	49	N.D.		
16) Benzyl alcohol	6.71	108	349	N.D.		
17) 1,2-Dichlorobenzene	6.73	146	36	N.D.		
18) 2-Methylphenol	6.97	108	117	N.D.		
19) Bis(2-chloroisopropyl)ethe	6.80	45	53291	7.33	ng/ul	73
20) 3 & 4-Methylphenol	7.12	108	245	N.D.		
21) Acetophenone	7.02	105	1868	N.D.		
22) n-Nitroso-di-n-propylamine	7.08	70	338	N.D.		
23) Hexachloroethane	7.11	117	14	N.D.		
26) Nitrobenzene	7.20	77	425	N.D.		
27) Isophorone	7.50	82	591	N.D.		
28) 2-Nitrophenol	7.70	139	24	N.D.		

(#) = qualifier out of range (m) = manual integration
Z1129007.D Z8270M.M Thu Nov 30 08:20:56 2006

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129007.D Vial: 4
Acq On : 29 Nov 2006 19:39 Operator: LPM
Sample : JPL23-007 MW-4-3 Inst : Zooey
Misc : 5970Z 970ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Thu Nov 30 08:19:31 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.79	107	101	N.D.	
30)	bis(2-Chloroethoxy)methane	7.84	93	72	N.D.	
31)	Benzoic acid	7.93	105	2676	1.25 ng/ul	95
32)	2,4-Dichlorophenol	8.03	162	32	N.D.	
33)	1,2,4-Trichlorobenzene	8.03	180	14	N.D.	
34)	Naphthalene	8.11	128	611	N.D.	
35)	4-Chloroaniline	8.29	127	136	N.D.	
36)	Hexachlorobutadiene	8.28	225	15	N.D.	
37)	Caprolactam	8.70	113	132	N.D.	
38)	4-Chloro-3-methylphenol	8.93	107	214	N.D.	
39)	2-Methylnaphthalene	9.02	142	138	N.D.	
41)	1-Methylnaphthalene	9.16	142	141	N.D.	
42)	Hexachlorocyclopentadiene	9.23	237	15	1.02 ng/ul#	30
43)	1,2,4,5-Tetrachlorobenzene	9.25	216	25	N.D.	
44)	2,4,6-Trichlorophenol	9.47	196	21	N.D.	
45)	2,4,5-Trichlorophenol	9.52	196	15	N.D.	
47)	1,1'-Biphenyl	9.64	154	959	N.D.	
48)	2-Chloronaphthalene	9.67	162	38	N.D.	
49)	2-Nitroaniline	9.81	65	1317	N.D.	
50)	Dimethylphthalate	10.16	163	1124	N.D.	
51)	1,4-Dinitrobenzene	10.02	168	76	N.D.	
52)	1,3-Dinitrobenzene	10.20	168	24	N.D.	
53)	2,6-Dinitrotoluene	10.20	165	5118	2.79 ng/ul#	50
54)	Acenaphthylene	10.20	152	224	N.D.	
55)	1,2-Dinitrobenzene	10.28	168	16	N.D.	
56)	3-Nitroaniline	10.40	138	18	N.D.	
57)	Acenaphthene	10.49	153	350	N.D.	
58)	2,4-Dinitrophenol	10.57	184	15	3.83 ng/ul#	1
59)	4-Nitrophenol	10.75	109	34	1.59 ng/uL#	7
60)	Dibenzofuran	10.66	168	61	N.D.	
61)	2,4-Dinitrotoluene	10.66	165	171	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.89	232	25	N.D.	
63)	2,3,4,6-tetrachlorophenol	10.89	232	25	N.D.	
64)	Diethylphthalate	11.02	149	605	N.D.	
65)	Fluorene	11.11	166	42	N.D.	
66)	4-Chlorophenyl-phenylether	11.05	204	92	N.D.	
67)	4-Nitroaniline	11.27	138	90	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.40	198	35	N.D.	
70)	N-nitrosodiphenylamine	11.27	169	38	N.D.	
71)	1,2-Diphenylhydrazine	11.36	77	503	N.D.	
73)	4-Bromophenyl-phenylether	11.72	248	36	N.D.	
74)	Hexachlorobenzene	11.83	284	12	N.D.	
75)	Atrazine	12.04	200	13	N.D.	
76)	Pentachlorophenol	12.25	266	12	N.D.	
77)	Phenanthrene	12.22	178	17	N.D.	
78)	Anthracene	12.37	178	288	N.D.	
79)	Carbazole	12.63	167	175	N.D.	
80)	Di-n-butylphthalate	13.15	149	2236	N.D.	
81)	Fluoranthene	14.00	202	191	N.D.	
83)	Benzidine	14.09	184	142	4.00 ng/ul	67
84)	Pyrene	14.32	202	165	N.D.	
86)	Butylbenzylphthalate	15.39	149	240	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.50	129	1393	N.D.	
88)	3,3'-Dichlorobenzidine	16.37	252	35	N.D.	
89)	Benzo[a]anthracene	16.46	228	593	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129007.D Vial: 4
Acq On : 29 Nov 2006 19:39 Operator: LPM
Sample : JPL23-007 MW-4-3 Inst : Zooey
Misc : 5970Z 970ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Thu Nov 30 08:19:31 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.56	149	18392	2.20 ng/ul	93
91)	Chrysene	16.46	228	593	N.D.	
93)	Di-n-octylphthalate	17.93	149	381	N.D.	
94)	Benzo[b]fluoranthene	18.89	252	265	N.D.	
95)	Benzo[k]fluoranthene	18.93	252	150	N.D.	
96)	Benzo[a]pyrene	19.65	252	180	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.47	276	197	N.D.	
98)	Dibenz[a,h]anthracene	22.47	278	203	N.D.	
99)	Benzo[g,h,i]perylene	23.08	276	173	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-11-11/9/06

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

SDG No.: JPL23 Run Sequence: R012958

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-008

Sample wt/vol: 1010.0 (g/mL) mL Lab File ID: Z1129008.D

Level: (LOW/MED) _____ Date Collected: 11/09/2006

% Moisture: _____ Decanted: (Y/N) N Date Extracted: 11/13/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/29/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: <2 Extraction: (Type) CONT

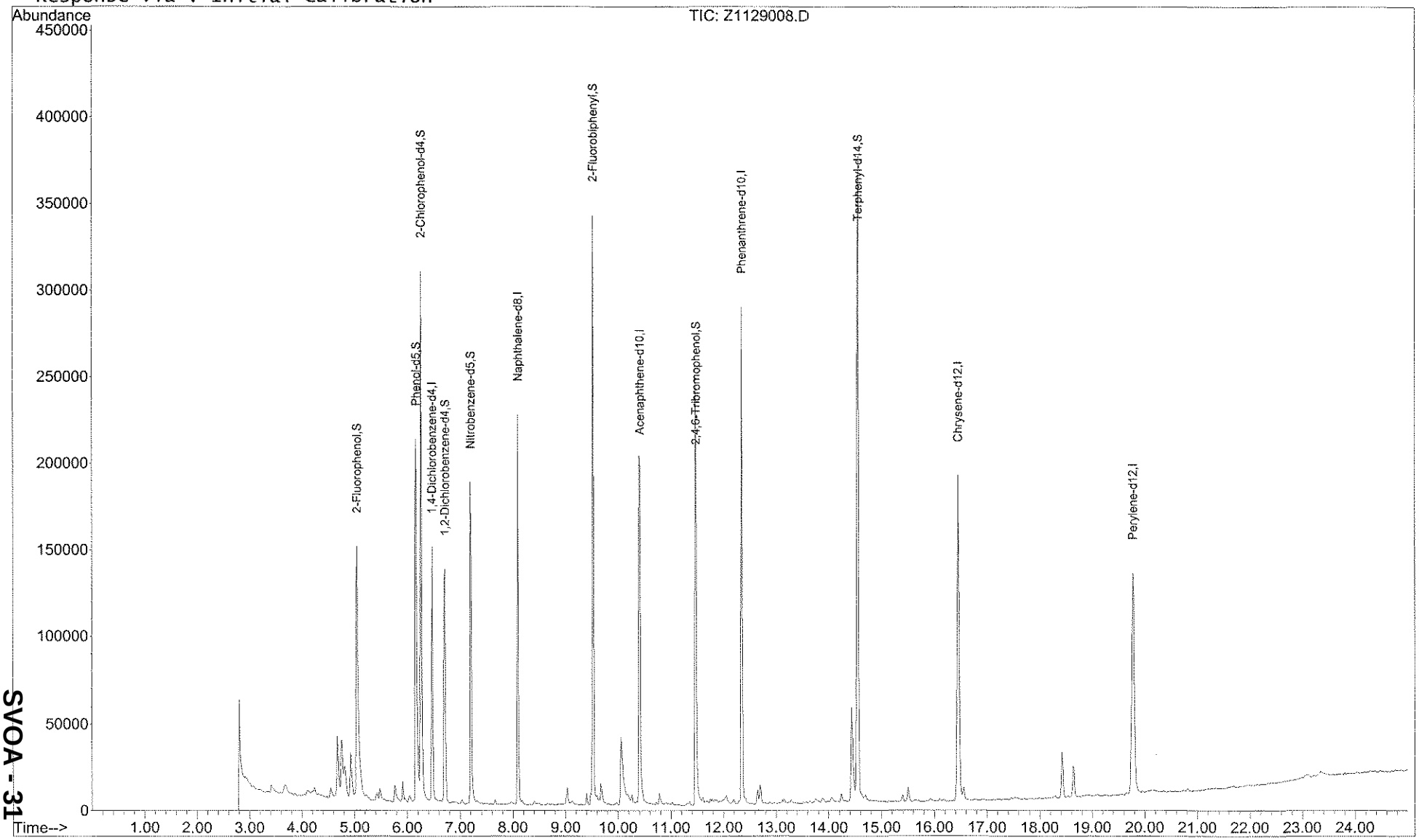
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129008.D Vial: 5
Acq On : 29 Nov 2006 20:14 Operator: LPM
Sample : JPL23-008 EB-11-11/9/06 Inst : Zooey
Misc : 5970Z 1010ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:21 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Thu Nov 30 08:19:31 2006
Response via : Initial Calibration



SVOA - 31

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129008.D Vial: 5
Acq On : 29 Nov 2006 20:14 Operator: LPM
Sample : JPL23-008 EB-11-11/9/06 Inst : Zooey
Misc : 5970Z 1010ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Thu Nov 30 08:19:31 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) 1,4-Dichlorobenzene-d4	6.47	152	35110	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.09	136	146193	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.41	164	86968	20.00	ng/ul	0.00 NA%
68) Phenanthrene-d10	12.34	188	163733	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.45	240	141986	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.78	264	121855	20.00	ng/ul	0.00 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	105131	50.77	ng/ul	0.00
Spiked Amount 75.000	Range 20 - 110		Recovery = 67.69%			
7) Phenol-d5	6.17	99	160643	57.22	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 76.29%			
11) 2-Chlorophenol-d4	6.26	132	132816	53.69	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 71.59%			
15) 1,2-Dichlorobenzene-d4	6.71	152	39695	26.57	ng/ul	0.02
Spiked Amount 50.000	Range 38 - 82		Recovery = 53.14%			
25) Nitrobenzene-d5	7.20	82	98663	36.86	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 73.72%			
46) 2-Fluorobiphenyl	9.52	172	172070	31.96	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 63.92%			
72) 2,4,6-Tribromophenol	11.48	330	51966	42.99	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 57.32%			
85) Terphenyl-d14	14.56	244	236995	35.06	ng/ul	0.01
Spiked Amount 50.000	Range 50 - 135		Recovery = 70.12%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.80	88	1420	1.50	ng/ul#	1
3) N-nitrosodimethylamine	3.50	74	78	N.D.		
4) Pyridine	3.45	79	48	N.D.		
6) Benzaldehyde	6.00	77	391	N.D.		
8) Phenol	6.17	94	1105	N.D.		
9) Aniline	6.15	93	91	N.D.		
10) Bis(2-Chloroethyl)ether	6.15	93	91	N.D.		
12) 2-Chlorophenol	6.27	128	23	N.D.		
13) 1,3-Dichlorobenzene	6.41	146	27	N.D.		
14) 1,4-Dichlorobenzene	6.49	146	21	N.D.		
16) Benzyl alcohol	6.71	108	414	N.D.		
17) 1,2-Dichlorobenzene	6.87	146	13	N.D.		
18) 2-Methylphenol	6.90	108	61	N.D.		
19) Bis(2-chloroisopropyl)ethe	6.82	45	124	N.D.		
20) 3 & 4-Methylphenol	7.21	108	110	N.D.		
21) Acetophenone	7.03	105	1184	N.D.		
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
23) Hexachloroethane	7.15	117	25	N.D.		
26) Nitrobenzene	7.20	77	561	N.D.		
27) Isophorone	0.00	82	0	N.D.		
28) 2-Nitrophenol	7.59	139	14	N.D.		

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129008.D Vial: 5
Acq On : 29 Nov 2006 20:14 Operator: LPM
Sample : JPL23-008 EB-11-11/9/06 Inst : Zooey
Misc : 5970Z 1010ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Thu Nov 30 08:19:31 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.73	107	35	N.D.	
30)	bis(2-Chloroethoxy)methane	7.78	93	46	N.D.	
31)	Benzoic acid	7.97	105	382	Below Cal #	66
32)	2,4-Dichlorophenol	7.90	162	15	N.D.	
33)	1,2,4-Trichlorobenzene	8.08	180	17	N.D.	
34)	Naphthalene	8.12	128	505	N.D.	
35)	4-Chloroaniline	8.28	127	21	N.D.	
36)	Hexachlorobutadiene	8.35	225	15	N.D.	
37)	Caprolactam	8.75	113	48	N.D.	
38)	4-Chloro-3-methylphenol	8.93	107	133	N.D.	
39)	2-Methylnaphthalene	9.03	142	108	N.D.	
41)	1-Methylnaphthalene	9.17	142	48	N.D.	
42)	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
43)	1,2,4,5-Tetrachlorobenzene	9.29	216	10	N.D.	
44)	2,4,6-Trichlorophenol	9.44	196	19	N.D.	
45)	2,4,5-Trichlorophenol	9.44	196	19	N.D.	
47)	1,1'-Biphenyl	9.64	154	605	N.D.	
48)	2-Chloronaphthalene	9.69	162	13	N.D.	
49)	2-Nitroaniline	9.67	65	856	N.D.	
50)	Dimethylphthalate	10.13	163	55	N.D.	
51)	1,4-Dinitrobenzene	10.00	168	15	N.D.	
52)	1,3-Dinitrobenzene	10.11	168	12	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.13	152	164	N.D.	
55)	1,2-Dinitrobenzene	10.31	168	56	N.D.	
56)	3-Nitroaniline	10.38	138	36	N.D.	
57)	Acenaphthene	10.43	153	55	N.D.	
58)	2,4-Dinitrophenol	10.54	184	15	3.83 ng/ul#	1
59)	4-Nitrophenol	10.70	109	21	1.57 ng/uL#	1
60)	Dibenzofuran	10.67	168	237	N.D.	
61)	2,4-Dinitrotoluene	10.69	165	20	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.73	232	14	N.D.	
63)	2,3,4,6-tetrachlorophenol	11.05	232	27	N.D.	
64)	Diethylphthalate	11.04	149	330	N.D.	
65)	Fluorene	11.11	166	84	N.D.	
66)	4-Chlorophenyl-phenylether	11.14	204	13	N.D.	
67)	4-Nitroaniline	11.29	138	37	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.29	198	15	N.D.	
70)	N-nitrosodiphenylamine	0.00	169	0	N.D.	
71)	1,2-Diphenylhydrazine	11.31	77	91	N.D.	
73)	4-Bromophenyl-phenylether	11.73	248	15	N.D.	
74)	Hexachlorobenzene	0.00	284	0	N.D.	
75)	Atrazine	12.01	200	14	N.D.	
76)	Pentachlorophenol	0.00	266	0	N.D.	
77)	Phenanthrene	12.34	178	207	N.D.	
78)	Anthracene	12.58	178	27	N.D.	
79)	Carbazole	12.64	167	210	N.D.	
80)	Di-n-butylphthalate	13.14	149	2397	N.D.	
81)	Fluoranthene	13.87	202	12	N.D.	
83)	Benzidine	14.18	184	16	3.97 ng/ul	67
84)	Pyrene	14.36	202	85	N.D.	
86)	Butylbenzylphthalate	15.39	149	536	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.50	129	2507	N.D.	
88)	3,3'-Dichlorobenzidine	16.45	252	16	N.D.	
89)	Benzo[a]anthracene	16.45	228	495	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129008.D Vial: 5
Acq On : 29 Nov 2006 20:14 Operator: LPM
Sample : JPL23-008 EB-11-11/9/06 Inst : Zooey
Misc : 5970Z 1010ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Thu Nov 30 08:19:31 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.56	149	3007	N.D.	
91)	Chrysene	16.45	228	495	N.D.	
93)	Di-n-octylphthalate	17.92	149	298	N.D.	
94)	Benzo[b]fluoranthene	18.88	252	62	N.D.	
95)	Benzo[k]fluoranthene	18.94	252	34	N.D.	
96)	Benzo[a]pyrene	19.61	252	20	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.57	276	12	N.D.	
98)	Dibenz[a,h]anthracene	22.48	278	16	N.D.	
99)	Benzo[g,h,i]perylene	23.10	276	19	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-2

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

SDG No.: JPL23 Run Sequence: R012958

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-010

Sample wt/vol: 960.0 (g/mL) mL Lab File ID: Z1129009.D

Level: (LOW/MED) Date Collected: 11/10/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/13/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/29/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: <2 Extraction: (Type) CONT

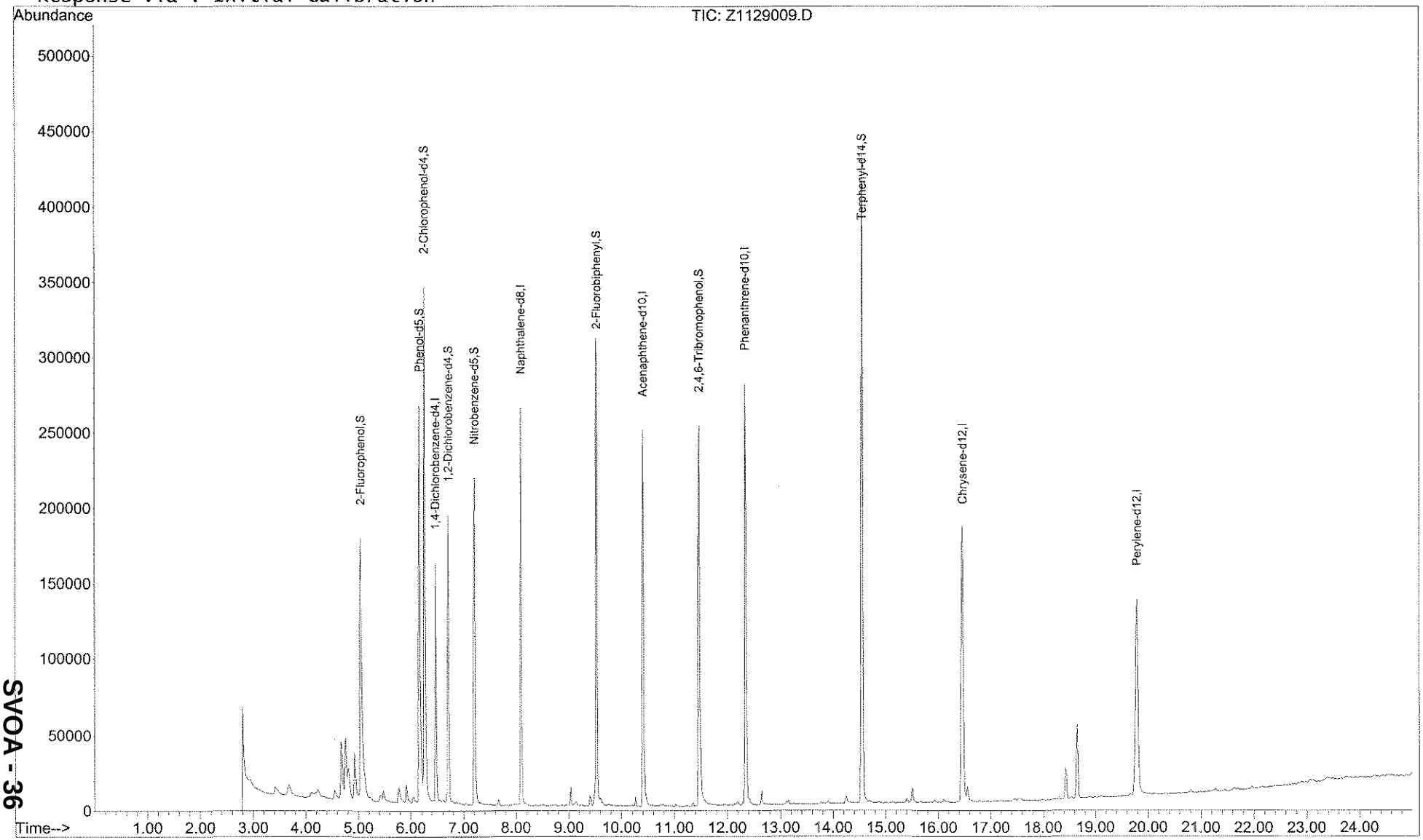
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.6	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129009.D Vial: 6
Acq On : 29 Nov 2006 20:49 Operator: LPM
Sample : JPL23-010 MW-4-2 Inst : Zooey
Misc : 5970Z 960ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:26 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 12:46:57 2006
Response via : Initial Calibration



SVOA - 36

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129009.D Vial: 6
Acq On : 29 Nov 2006 20:49 Operator: LPM
Sample : JPL23-010 MW-4-2 Inst : Zooey
Misc : 5970Z 960ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:26 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Thu Nov 30 08:19:31 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) 1,4-Dichlorobenzene-d4	6.47	152	38244	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.09	136	158686	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.41	164	95139	20.00	ng/ul	0.00 NA%
68) Phenanthrene-d10	12.34	188	177814	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.47	240	150523	20.00	ng/ul	0.00 NA%
92) Perylene-d12	19.79	264	128009	20.00	ng/ul	0.01 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	125957	55.84	ng/ul	0.00
Spiked Amount 75.000	Range 20 - 110		Recovery = 74.45%			
7) Phenol-d5	6.17	99	185667	60.71	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 80.95%			
11) 2-Chlorophenol-d4	6.26	132	155167	57.59	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 76.79%			
15) 1,2-Dichlorobenzene-d4	6.71	152	48154	29.59	ng/ul	0.02
Spiked Amount 50.000	Range 38 - 82		Recovery = 59.18%			
25) Nitrobenzene-d5	7.21	82	114833	39.53	ng/ul	0.02
Spiked Amount 50.000	Range 40 - 110		Recovery = 79.06%			
46) 2-Fluorobiphenyl	9.53	172	199049	33.80	ng/ul	0.01
Spiked Amount 50.000	Range 50 - 100		Recovery = 67.60%			
72) 2,4,6-Tribromophenol	11.48	330	57903	44.11	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 58.81%			
85) Terphenyl-d14	14.55	244	259391	36.20	ng/ul	0.01
Spiked Amount 50.000	Range 50 - 135		Recovery = 72.40%			
Target Compounds						Qvalue
2) 1,4-Dioxane	0.00	88	0	N.D.	d	
3) N-nitrosodimethylamine	3.44	74	58	N.D.		
4) Pyridine	3.44	79	71	N.D.		
6) Benzaldehyde	5.94	77	249	N.D.		
8) Phenol	6.18	94	653	N.D.		
9) Aniline	6.14	93	140	N.D.		
10) Bis(2-Chloroethyl)ether	6.14	93	140	N.D.		
12) 2-Chlorophenol	6.27	128	92	N.D.		
13) 1,3-Dichlorobenzene	6.43	146	176	N.D.		
14) 1,4-Dichlorobenzene	6.43	146	176	N.D.		
16) Benzyl alcohol	6.71	108	462	N.D.		
17) 1,2-Dichlorobenzene	6.73	146	132	N.D.		
18) 2-Methylphenol	6.93	108	67	N.D.		
19) Bis(2-chloroisopropyl)ethe	6.88	45	481	N.D.		
20) 3 & 4-Methylphenol	7.11	108	15	N.D.		
21) Acetophenone	7.03	105	496	N.D.		
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
23) Hexachloroethane	7.09	117	36	N.D.		
26) Nitrobenzene	7.21	77	516	N.D.		
27) Isophorone	0.00	82	0	N.D.		
28) 2-Nitrophenol	7.67	139	12	N.D.		

(#) = qualifier out of range (m) = manual integration
Z1129009.D Z8270M.M Thu Nov 30 08:26:23 2006

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129009.D Vial: 6
Acq On : 29 Nov 2006 20:49 Operator: LPM
Sample : JPL23-010 MW-4-2 Inst : Zooey
Misc : 5970Z 960ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:26 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Thu Nov 30 08:19:31 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.70	107	44	N.D.	
30)	bis(2-Chloroethoxy)methane	7.77	93	55	N.D.	
31)	Benzoic acid	7.88	105	139	Below Cal #	46
32)	2,4-Dichlorophenol	7.94	162	46	N.D.	
33)	1,2,4-Trichlorobenzene	8.05	180	111	N.D.	
34)	Naphthalene	8.03	128	76	N.D.	
35)	4-Chloroaniline	8.23	127	13	N.D.	
36)	Hexachlorobutadiene	8.50	225	17	N.D.	
37)	Caprolactam	8.75	113	88	N.D.	
38)	4-Chloro-3-methylphenol	8.91	107	45	N.D.	
39)	2-Methylnaphthalene	9.03	142	127	N.D.	
41)	1-Methylnaphthalene	9.15	142	35	N.D.	
42)	Hexachlorocyclopentadiene	9.43	237	15	1.02 ng/ul#	30
43)	1,2,4,5-Tetrachlorobenzene	9.20	216	15	N.D.	
44)	2,4,6-Trichlorophenol	9.50	196	15	N.D.	
45)	2,4,5-Trichlorophenol	9.50	196	15	N.D.	
47)	1,1'-Biphenyl	9.64	154	643	N.D.	
48)	2-Chloronaphthalene	9.66	162	33	N.D.	
49)	2-Nitroaniline	9.90	65	154	N.D.	
50)	Dimethylphthalate	10.13	163	23	N.D.	
51)	1,4-Dinitrobenzene	9.96	168	12	N.D.	
52)	1,3-Dinitrobenzene	10.14	168	21	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.19	152	94	N.D.	
55)	1,2-Dinitrobenzene	10.46	168	25	N.D.	
56)	3-Nitroaniline	10.38	138	15	N.D.	
57)	Acenaphthene	10.41	153	23	N.D.	
58)	2,4-Dinitrophenol	10.55	184	14	3.83 ng/ul#	1
59)	4-Nitrophenol	10.73	109	35	1.59 ng/uL#	1
60)	Dibenzofuran	10.67	168	38	N.D.	
61)	2,4-Dinitrotoluene	10.73	165	39	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.87	232	11	N.D.	
63)	2,3,4,6-tetrachlorophenol	10.87	232	11	N.D.	
64)	Diethylphthalate	11.04	149	371	N.D.	
65)	Fluorene	11.13	166	29	N.D.	
66)	4-Chlorophenyl-phenylether	11.16	204	16	N.D.	
67)	4-Nitroaniline	11.32	138	31	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.35	198	16	N.D.	
70)	N-nitrosodiphenylamine	11.38	169	32	N.D.	
71)	1,2-Diphenylhydrazine	11.37	77	120	N.D.	
73)	4-Bromophenyl-phenylether	11.72	248	18	N.D.	
74)	Hexachlorobenzene	12.01	284	10	N.D.	
75)	Atrazine	11.96	200	14	N.D.	
76)	Pentachlorophenol	12.10	266	12	N.D.	
77)	Phenanthrene	12.23	178	22	N.D.	
78)	Anthracene	12.23	178	22	N.D.	
79)	Carbazole	12.64	167	271	N.D.	
80)	Di-n-butylphthalate	13.16	149	2834	N.D.	
81)	Fluoranthene	13.99	202	64	N.D.	
83)	Benzidine	14.13	184	31	3.98 ng/ul	67
84)	Pyrene	14.33	202	79	N.D.	
86)	Butylbenzylphthalate	15.54	149	44	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.51	129	3267	N.D.	
88)	3,3'-Dichlorobenzidine	16.39	252	27	N.D.	
89)	Benzo[a]anthracene	16.47	228	403	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129009.D Vial: 6
Acq On : 29 Nov 2006 20:49 Operator: LPM
Sample : JPL23-010 MW-4-2 Inst : Zooey
Misc : 5970Z 960ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:26 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Thu Nov 30 08:19:31 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.56	149	3730	N.D.		
91)	Chrysene	16.47	228	403	N.D.		
93)	Di-n-octylphthalate	17.94	149	103	N.D.		
94)	Benzo[b]fluoranthene	18.88	252	36	N.D.		
95)	Benzo[k]fluoranthene	18.91	252	37	N.D.		
96)	Benzo[a]pyrene	19.65	252	49	N.D.		
97)	Indeno[1,2,3-cd]pyrene	22.48	276	14	N.D.		
98)	Dibenz[a,h]anthracene	22.51	278	17	N.D.		
99)	Benzo[g,h,i]perylene	23.13	276	31	N.D.		

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-1

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

SDG No.: JPL23 Run Sequence: R012958

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-011

Sample wt/vol: 970.0 (g/mL) mL Lab File ID: Z1129010.D

Level: (LOW/MED) Date Collected: 11/10/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/13/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/29/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: <2 Extraction: (Type) CONT

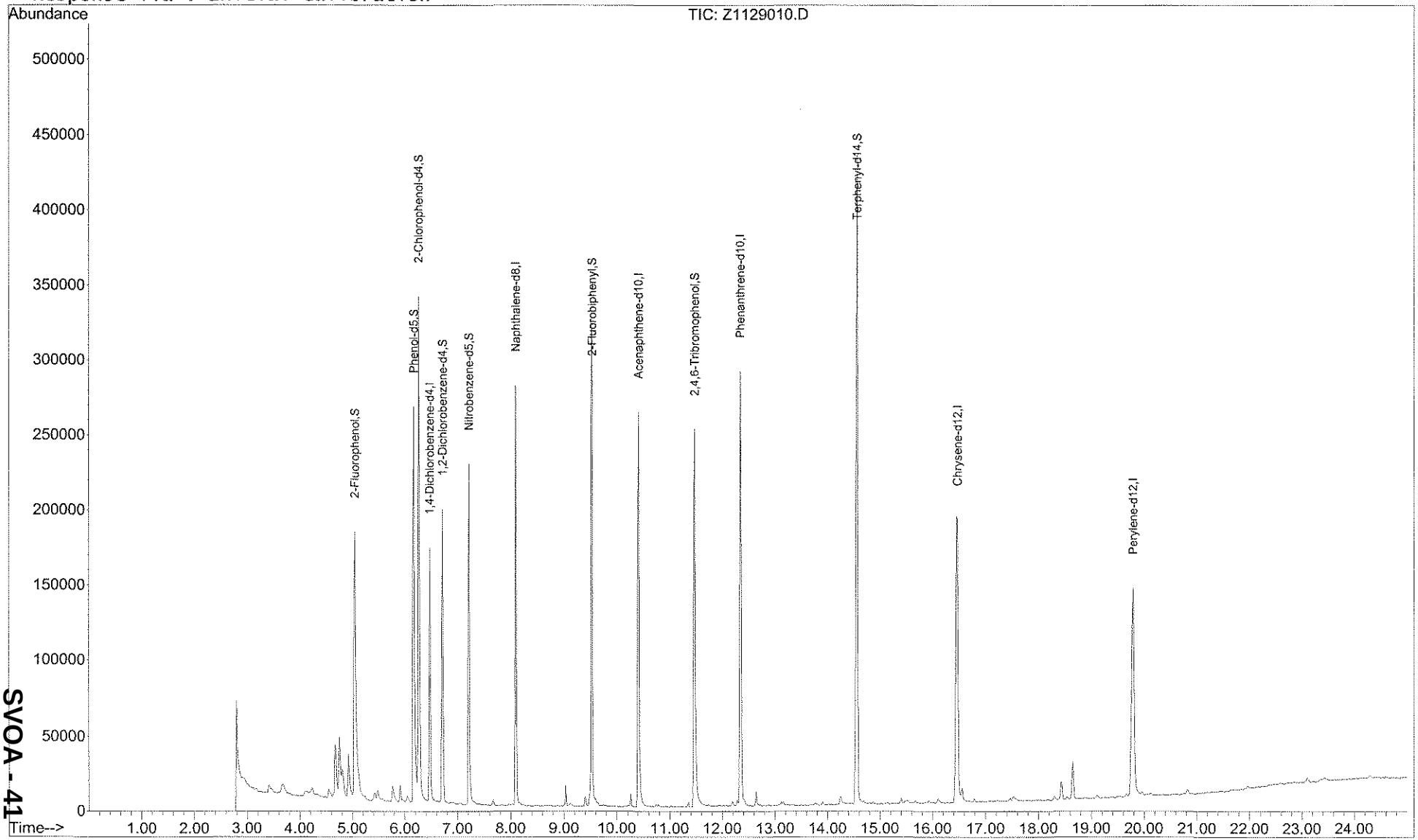
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129010.D Vial: 7
Acq On : 29 Nov 2006 21:24 Operator: LPM
Sample : JPL23-011 MW-4-1 Inst : Zooey
Misc : 5970Z 970ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:21 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 12:46:57 2006
Response via : Initial Calibration



SVOA-41

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129010.D Vial: 7
Acq On : 29 Nov 2006 21:24 Operator: LPM
Sample : JPL23-011 MW-4-1 Inst : Zooey
Misc : 5970Z 970ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Thu Nov 30 08:19:31 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) 1,4-Dichlorobenzene-d4	6.47	152	41939	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.09	136	170673	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.41	164	100393	20.00	ng/ul	0.00 NA%
68) Phenanthrene-d10	12.34	188	187837	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.47	240	159247	20.00	ng/ul	0.00 NA%
92) Perylene-d12	19.79	264	136867	20.00	ng/ul	0.01 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	125685	50.81	ng/ul	0.00
Spiked Amount 75.000	Range 20 - 110		Recovery = 67.75%			
7) Phenol-d5	6.17	99	186849	55.71	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 74.28%			
11) 2-Chlorophenol-d4	6.26	132	155775	52.72	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 70.29%			
15) 1,2-Dichlorobenzene-d4	6.71	152	48741	27.31	ng/ul	0.02
Spiked Amount 50.000	Range 38 - 82		Recovery = 54.62%			
25) Nitrobenzene-d5	7.21	82	119439	38.23	ng/ul	0.02
Spiked Amount 50.000	Range 40 - 110		Recovery = 76.46%			
46) 2-Fluorobiphenyl	9.53	172	199814	32.15	ng/ul	0.02
Spiked Amount 50.000	Range 50 - 100		Recovery = 64.30%			
72) 2,4,6-Tribromophenol	11.48	330	58205	41.97	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 55.96%			
85) Terphenyl-d14	14.56	244	260528	34.37	ng/ul	0.01
Spiked Amount 50.000	Range 50 - 135		Recovery = 68.74%			

Target Compounds				Qvalue
2) 1,4-Dioxane	3.09	88	155	N.D.
3) N-nitrosodimethylamine	3.36	74	144	N.D.
4) Pyridine	3.45	79	89	N.D.
6) Benzaldehyde	5.91	77	157	N.D.
8) Phenol	6.18	94	680	N.D.
9) Aniline	6.12	93	22	N.D.
10) Bis(2-Chloroethyl)ether	6.26	93	331	N.D.
12) 2-Chlorophenol	6.27	128	51	N.D.
13) 1,3-Dichlorobenzene	6.41	146	37	N.D.
14) 1,4-Dichlorobenzene	6.50	146	27	N.D.
16) Benzyl alcohol	6.71	108	409	N.D.
17) 1,2-Dichlorobenzene	6.79	146	34	N.D.
18) 2-Methylphenol	6.84	108	75	N.D.
19) Bis(2-chloroisopropyl)ethe	6.88	45	149	N.D.
20) 3 & 4-Methylphenol	7.12	108	42	N.D.
21) Acetophenone	7.03	105	420	N.D.
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.
23) Hexachloroethane	7.12	117	52	N.D.
26) Nitrobenzene	7.21	77	744	N.D.
27) Isophorone	7.52	82	118	N.D.
28) 2-Nitrophenol	7.61	139	14	N.D.

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129010.D Vial: 7
Acq On : 29 Nov 2006 21:24 Operator: LPM
Sample : JPL23-011 MW-4-1 Inst : Zooey
Misc : 5970Z 970ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Thu Nov 30 08:19:31 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.70	107	61	N.D.	
30)	bis(2-Chloroethoxy)methane	7.79	93	48	N.D.	
31)	Benzoic acid	7.93	105	77	Below Cal #	44
32)	2,4-Dichlorophenol	7.91	162	32	N.D.	
33)	1,2,4-Trichlorobenzene	8.05	180	14	N.D.	
34)	Naphthalene	8.06	128	105	N.D.	
35)	4-Chloroaniline	8.22	127	11	N.D.	
36)	Hexachlorobutadiene	8.43	225	15	N.D.	
37)	Caprolactam	8.73	113	17	N.D.	
38)	4-Chloro-3-methylphenol	8.93	107	81	N.D.	
39)	2-Methylnaphthalene	9.03	142	35	N.D.	
41)	1-Methylnaphthalene	9.16	142	31	N.D.	
42)	Hexachlorocyclopentadiene	9.31	237	22	1.03 ng/ul#	30
43)	1,2,4,5-Tetrachlorobenzene	9.25	216	10	N.D.	
44)	2,4,6-Trichlorophenol	9.50	196	27	N.D.	
45)	2,4,5-Trichlorophenol	9.50	196	27	N.D.	
47)	1,1'-Biphenyl	9.64	154	707	N.D.	
48)	2-Chloronaphthalene	9.73	162	51	N.D.	
49)	2-Nitroaniline	9.85	65	37	N.D.	
50)	Dimethylphthalate	10.10	163	40	N.D.	
51)	1,4-Dinitrobenzene	9.99	168	13	N.D.	
52)	1,3-Dinitrobenzene	10.23	168	15	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.22	152	43	N.D.	
55)	1,2-Dinitrobenzene	10.32	168	36	N.D.	
56)	3-Nitroaniline	10.41	138	26	N.D.	
57)	Acenaphthene	10.48	153	16	N.D.	
58)	2,4-Dinitrophenol	10.58	184	11	3.83 ng/ul#	1
59)	4-Nitrophenol	10.72	109	37	1.59 ng/uL#	1
60)	Dibenzofuran	10.69	168	18	N.D.	
61)	2,4-Dinitrotoluene	10.72	165	15	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.90	232	12	N.D.	
63)	2,3,4,6-tetrachlorophenol	10.90	232	12	N.D.	
64)	Diethylphthalate	11.04	149	352	N.D.	
65)	Fluorene	11.14	166	16	N.D.	
66)	4-Chlorophenyl-phenylether	11.05	204	11	N.D.	
67)	4-Nitroaniline	11.25	138	16	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.25	198	14	N.D.	
70)	N-nitrosodiphenylamine	11.22	169	28	N.D.	
71)	1,2-Diphenylhydrazine	11.34	77	196	N.D.	
73)	4-Bromophenyl-phenylether	11.78	248	14	N.D.	
74)	Hexachlorobenzene	0.00	284	0	N.D.	
75)	Atrazine	12.02	200	17	N.D.	
76)	Pentachlorophenol	12.22	266	20	N.D.	
77)	Phenanthrene	12.42	178	198	N.D.	
78)	Anthracene	12.42	178	198	N.D.	
79)	Carbazole	12.64	167	169	N.D.	
80)	Di-n-butylphthalate	13.16	149	2217	N.D.	
81)	Fluoranthene	13.99	202	54	N.D.	
83)	Benzidine	14.09	184	15	3.97 ng/ul	67
84)	Pyrene	14.34	202	80	N.D.	
86)	Butylbenzylphthalate	15.25	149	196	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.51	129	477	N.D.	
88)	3,3'-Dichlorobenzidine	16.45	252	27	N.D.	
89)	Benzo[a]anthracene	16.47	228	507	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129010.D Vial: 7
Acq On : 29 Nov 2006 21:24 Operator: LPM
Sample : JPL23-011 MW-4-1 Inst : Zooey
Misc : 5970Z 970ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Thu Nov 30 08:19:31 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.56	149	3229	N.D.	
91)	Chrysene	16.47	228	507	N.D.	
93)	Di-n-octylphthalate	17.95	149	336	N.D.	
94)	Benzo[b]fluoranthene	18.94	252	159	N.D.	
95)	Benzo[k]fluoranthene	18.94	252	159	N.D.	
96)	Benzo[a]pyrene	19.65	252	58	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.49	276	25	N.D.	
98)	Dibenz[a,h]anthracene	22.49	278	18	N.D.	
99)	Benzo[g,h,i]perylene	23.10	276	26	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-3-4Q06

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

SDG No.: JPL23 Run Sequence: R012958

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-012

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: Z1129011.D

Level: (LOW/MED) Date Collected: 11/10/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/13/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/29/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: ≤2 Extraction: (Type) CONT

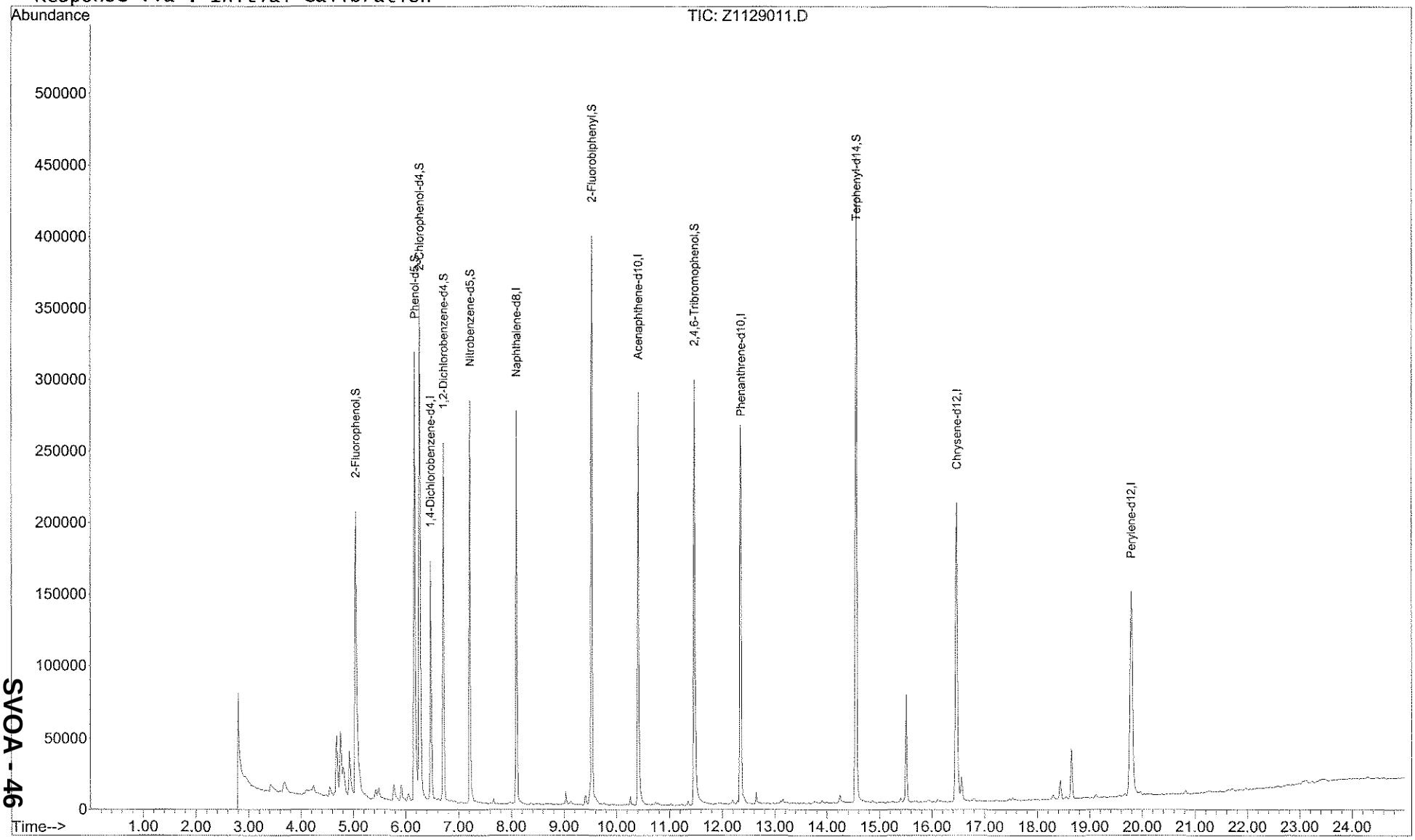
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129011.D Vial: 8
Acq On : 29 Nov 2006 21:59 Operator: LPM
Sample : JPL23-012 DUPE-3-4Q06 Inst : Zooey
Misc : 5970Z 1000ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:27 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 12:46:57 2006
Response via : Initial Calibration



SVOA - 46

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129011.D Vial: 8
Acq On : 29 Nov 2006 21:59 Operator: LPM
Sample : JPL23-012 DUPE-3-4Q06 Inst : Zooey
Misc : 5970Z 1000ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:27 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 12:46:57 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) 1,4-Dichlorobenzene-d4	6.47	152	43503	20.00	ng/ul	-0.03 NA%
24) Naphthalene-d8	8.09	136	173500	20.00	ng/ul	-0.03 NA%
40) Acenaphthene-d10	10.41	164	102136	20.00	ng/ul	-0.03 NA%
68) Phenanthrene-d10	12.36	188	191866	20.00	ng/ul	-0.02 NA%
82) Chrysene-d12	16.47	240	160928	20.00	ng/ul	-0.05 NA%
92) Perylene-d12	19.79	264	139842	20.00	ng/ul	-0.07 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	142149	55.40	ng/ul	-0.03
Spiked Amount 75.000	Range 20 - 110		Recovery = 73.87%			
7) Phenol-d5	6.17	99	210972	60.65	ng/ul	-0.03
Spiked Amount 75.000	Range 10 - 115		Recovery = 80.87%			
11) 2-Chlorophenol-d4	6.26	132	172381	56.24	ng/ul	-0.03
Spiked Amount 75.000	Range 48 - 117		Recovery = 74.99%			
15) 1,2-Dichlorobenzene-d4	6.71	152	57893	31.27	ng/ul	-0.01
Spiked Amount 50.000	Range 38 - 82		Recovery = 62.54%			
25) Nitrobenzene-d5	7.21	82	134727	42.42	ng/ul	-0.01
Spiked Amount 50.000	Range 40 - 110		Recovery = 84.84%			
46) 2-Fluorobiphenyl	9.53	172	227428	35.97	ng/ul	-0.02
Spiked Amount 50.000	Range 50 - 100		Recovery = 71.94%			
72) 2,4,6-Tribromophenol	11.48	330	64759	45.72	ng/ul	-0.03
Spiked Amount 75.000	Range 40 - 125		Recovery = 60.96%			
85) Terphenyl-d14	14.56	244	294751	38.47	ng/ul	-0.03
Spiked Amount 50.000	Range 50 - 135		Recovery = 76.94%			

Target Compounds				Qvalue
2) 1,4-Dioxane	3.01	88	793	N.D.
3) N-nitrosodimethylamine	3.41	74	46	N.D.
4) Pyridine	3.41	79	166	N.D.
6) Benzaldehyde	5.99	77	55	N.D.
8) Phenol	6.18	94	703	N.D.
9) Aniline	6.09	93	15	N.D.
10) Bis(2-Chloroethyl)ether	6.20	93	56	N.D.
12) 2-Chlorophenol	6.30	128	56	N.D.
13) 1,3-Dichlorobenzene	6.43	146	134	N.D.
14) 1,4-Dichlorobenzene	6.50	146	192	N.D.
16) Benzyl alcohol	6.71	108	554	N.D.
17) 1,2-Dichlorobenzene	6.73	146	221	N.D.
18) 2-Methylphenol	6.91	108	20	N.D.
19) Bis(2-chloroisopropyl)ethe	6.79	45	1585	N.D.
20) 3 & 4-Methylphenol	7.08	108	12	N.D.
21) Acetophenone	7.05	105	533	N.D.
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.
23) Hexachloroethane	7.11	117	25	N.D.
26) Nitrobenzene	7.21	77	515	N.D.
27) Isophorone	7.52	82	155	N.D.
28) 2-Nitrophenol	7.65	139	25	N.D.

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129011.D Vial: 8
Acq On : 29 Nov 2006 21:59 Operator: LPM
Sample : JPL23-012 DUPE-3-4Q06 Inst : Zooey
Misc : 5970Z 1000ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:27 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 12:46:57 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.79	107	21	N.D.	
30)	bis(2-Chloroethoxy)methane	7.87	93	15	N.D.	
31)	Benzoic acid	8.00	105	400	Below Cal #	86
32)	2,4-Dichlorophenol	7.94	162	31	N.D.	
33)	1,2,4-Trichlorobenzene	8.05	180	82	N.D.	
34)	Naphthalene	8.12	128	316	N.D.	
35)	4-Chloroaniline	8.22	127	17	N.D.	
36)	Hexachlorobutadiene	8.31	225	12	N.D.	
37)	Caprolactam	8.72	113	67	N.D.	
38)	4-Chloro-3-methylphenol	8.87	107	38	N.D.	
39)	2-Methylnaphthalene	8.91	142	48	N.D.	
41)	1-Methylnaphthalene	9.11	142	22	N.D.	
42)	Hexachlorocyclopentadiene	9.32	237	14	1.02 ng/ul#	30
43)	1,2,4,5-Tetrachlorobenzene	0.00	216	0	N.D.	
44)	2,4,6-Trichlorophenol	9.50	196	20	N.D.	
45)	2,4,5-Trichlorophenol	9.50	196	20	N.D.	
47)	1,1'-Biphenyl	9.64	154	680	N.D.	
48)	2-Chloronaphthalene	9.63	162	13	N.D.	
49)	2-Nitroaniline	9.85	65	99	N.D.	
50)	Dimethylphthalate	10.16	163	21	N.D.	
51)	1,4-Dinitrobenzene	10.02	168	18	N.D.	
52)	1,3-Dinitrobenzene	10.14	168	15	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.23	152	14	N.D.	
55)	1,2-Dinitrobenzene	10.32	168	45	N.D.	
56)	3-Nitroaniline	10.41	138	27	N.D.	
57)	Acenaphthene	10.44	153	58	N.D.	
58)	2,4-Dinitrophenol	10.51	184	13	3.83 ng/ul#	1
59)	4-Nitrophenol	10.72	109	31	1.58 ng/uL#	3
60)	Dibenzofuran	10.70	168	76	N.D.	
61)	2,4-Dinitrotoluene	10.72	165	76	N.D.	
62)	2,3,5,6-tetrachlorophenol	0.00	232	0	N.D.	
63)	2,3,4,6-tetrachlorophenol	0.00	232	0	N.D.	
64)	Diethylphthalate	11.04	149	282	N.D.	
65)	Fluorene	10.93	166	16	N.D.	
66)	4-Chlorophenyl-phenylether	11.07	204	37	N.D.	
67)	4-Nitroaniline	11.19	138	53	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.32	198	30	N.D.	
70)	N-nitrosodiphenylamine	11.48	169	2215	N.D.	
71)	1,2-Diphenylhydrazine	11.28	77	29	N.D.	
73)	4-Bromophenyl-phenylether	11.72	248	27	N.D.	
74)	Hexachlorobenzene	11.96	284	17	N.D.	
75)	Atrazine	12.02	200	15	N.D.	
76)	Pentachlorophenol	12.42	266	15	N.D.	
77)	Phenanthrene	12.48	178	15	N.D.	
78)	Anthracene	12.48	178	15	N.D.	
79)	Carbazole	12.64	167	188	N.D.	
80)	Di-n-butylphthalate	13.16	149	2449	N.D.	
81)	Fluoranthene	14.12	202	15	N.D.	
83)	Benzidine	14.22	184	15	3.97 ng/ul	67
84)	Pyrene	14.45	202	27	N.D.	
86)	Butylbenzylphthalate	15.40	149	268	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.51	129	20903	3.25 ng/ul	99
88)	3,3'-Dichlorobenzidine	16.28	252	30	N.D.	
89)	Benzo[a]anthracene	16.47	228	526	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129011.D Vial: 8
Acq On : 29 Nov 2006 21:59 Operator: LPM
Sample : JPL23-012 DUPE-3-4Q06 Inst : Zooey
Misc : 5970Z 1000ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:27 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 12:46:57 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.56	149	7427	N.D.	
91)	Chrysene	16.47	228	526	N.D.	
93)	Di-n-octylphthalate	17.94	149	1017	N.D.	
94)	Benzo[b]fluoranthene	0.00	252	0	N.D.	
95)	Benzo[k]fluoranthene	0.00	252	0	N.D.	
96)	Benzo[a]pyrene	19.67	252	45	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.52	276	14	N.D.	
98)	Dibenz[a,h]anthracene	22.43	278	16	N.D.	
99)	Benzo[g,h,i]perylene	23.02	276	14	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-12-11/10/06

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

SDG No.: JPL23 Run Sequence: R012958

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-013

Sample wt/vol: 990.0 (g/mL) mL Lab File ID: Z1129012.D

Level: (LOW/MED) Date Collected: 11/10/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/13/2006

Concentrated Extract Volume: 500 (uL) Date Analyzed: 11/29/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) Y pH: <2 Extraction: (Type) CONT

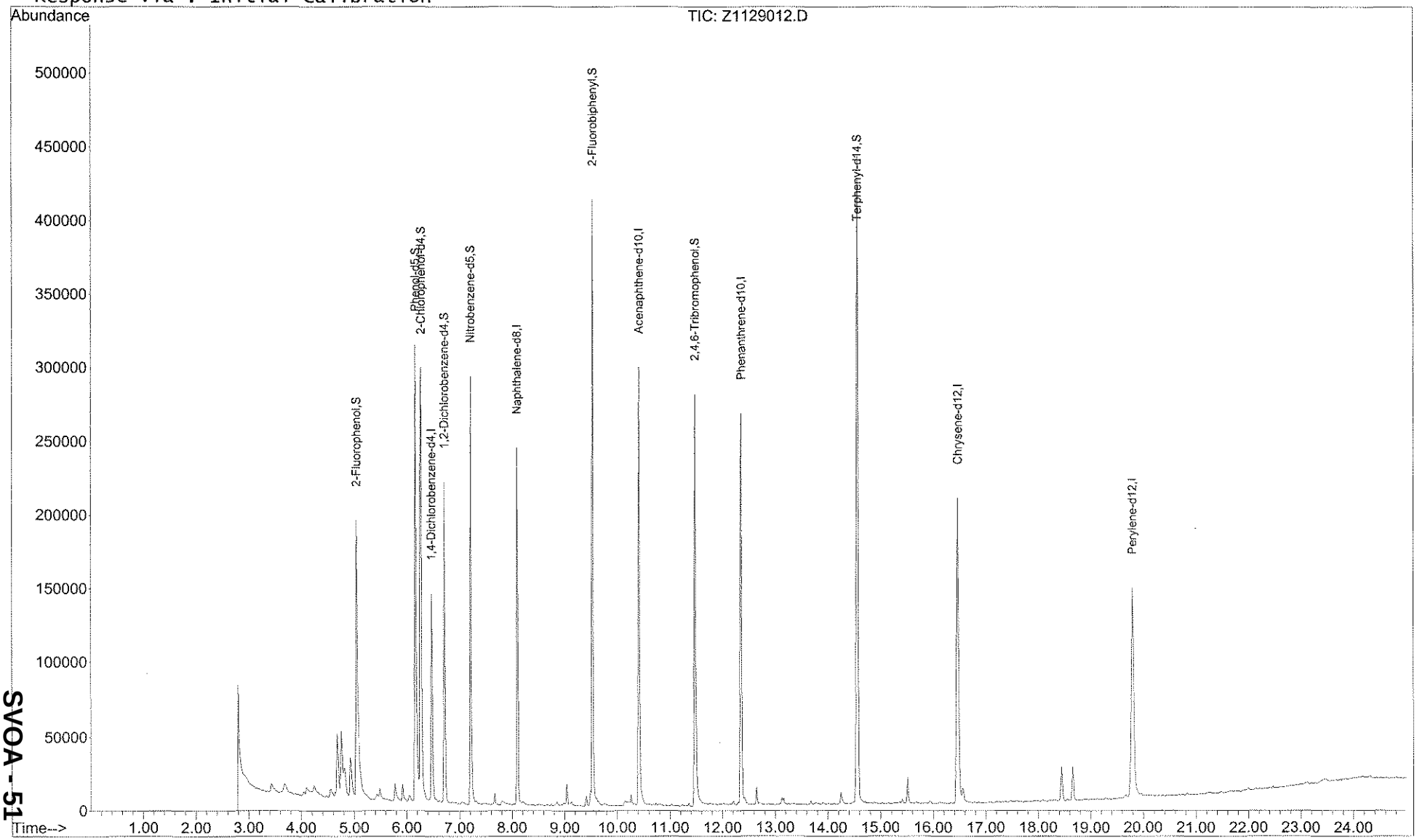
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129012.D Vial: 9
Acq On : 29 Nov 2006 22:34 Operator: LPM
Sample : JPL23-013 EB-12-11/10/06 Inst : Zooey
Misc : 5970Z 990ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:27 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 12:46:57 2006
Response via : Initial Calibration



SVOA-51

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129012.D Vial: 9
Acq On : 29 Nov 2006 22:34 Operator: LPM
Sample : JPL23-013 EB-12-11/10/06 Inst : Zooey
Misc : 5970Z 990ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:27 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 12:46:57 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) 1,4-Dichlorobenzene-d4	6.47	152	42009	20.00	ng/ul	-0.03 NA%
24) Naphthalene-d8	8.09	136	167123	20.00	ng/ul	-0.03 NA%
40) Acenaphthene-d10	10.41	164	99429	20.00	ng/ul	-0.03 NA%
68) Phenanthrene-d10	12.36	188	186441	20.00	ng/ul	-0.02 NA%
82) Chrysene-d12	16.47	240	156991	20.00	ng/ul	-0.05 NA%
92) Perylene-d12	19.79	264	135849	20.00	ng/ul	-0.06 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	123802	49.97	ng/ul	-0.03
Spiked Amount 75.000	Range 20 - 110		Recovery = 66.63%			
7) Phenol-d5	6.17	99	191938	57.14	ng/ul	-0.03
Spiked Amount 75.000	Range 10 - 115		Recovery = 76.19%			
11) 2-Chlorophenol-d4	6.27	132	165332	55.86	ng/ul	-0.01
Spiked Amount 75.000	Range 48 - 117		Recovery = 74.48%			
15) 1,2-Dichlorobenzene-d4	6.71	152	48845	27.32	ng/ul	-0.01
Spiked Amount 50.000	Range 38 - 82		Recovery = 54.64%			
25) Nitrobenzene-d5	7.21	82	128112	41.87	ng/ul	-0.01
Spiked Amount 50.000	Range 40 - 110		Recovery = 83.74%			
46) 2-Fluorobiphenyl	9.54	172	208894	33.94	ng/ul	-0.01
Spiked Amount 50.000	Range 50 - 100		Recovery = 67.88%			
72) 2,4,6-Tribromophenol	11.48	330	57496	41.77	ng/ul	-0.03
Spiked Amount 75.000	Range 40 - 125		Recovery = 55.69%			
85) Terphenyl-d14	14.56	244	283447	37.93	ng/ul	-0.03
Spiked Amount 50.000	Range 50 - 135		Recovery = 75.86%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.80	88	1638	1.45	ng/ul#	1
3) N-nitrosodimethylamine	3.39	74	96	N.D.		
4) Pyridine	3.41	79	150	N.D.		
6) Benzaldehyde	6.00	77	136	N.D.		
8) Phenol	6.18	94	704	N.D.		
9) Aniline	6.17	93	17	N.D.		
10) Bis(2-Chloroethyl)ether	6.17	93	17	N.D.		
12) 2-Chlorophenol	6.27	128	18	N.D.		
13) 1,3-Dichlorobenzene	6.41	146	15	N.D.		
14) 1,4-Dichlorobenzene	6.50	146	104	N.D.		
16) Benzyl alcohol	6.71	108	337	N.D.		
17) 1,2-Dichlorobenzene	6.77	146	12	N.D.		
18) 2-Methylphenol	6.88	108	17	N.D.		
19) Bis(2-chloroisopropyl)ethe	6.85	45	127	N.D.		
20) 3 & 4-Methylphenol	7.18	108	34	N.D.		
21) Acetophenone	7.05	105	999	N.D.		
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
23) Hexachloroethane	7.08	117	71	N.D.		
26) Nitrobenzene	7.21	77	776	N.D.		
27) Isophorone	7.61	82	163	N.D.		
28) 2-Nitrophenol	7.59	139	27	N.D.		

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129012.D Vial: 9
Acq On : 29 Nov 2006 22:34 Operator: LPM
Sample : JPL23-013 EB-12-11/10/06 Inst : Zooey
Misc : 5970Z 990ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:27 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 12:46:57 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.67	107	37	N.D.	
30)	bis(2-Chloroethoxy)methane	7.88	93	42	N.D.	
31)	Benzoic acid	7.93	105	112	Below Cal #	45
32)	2,4-Dichlorophenol	7.93	162	32	N.D.	
33)	1,2,4-Trichlorobenzene	8.15	180	11	N.D.	
34)	Naphthalene	8.12	128	789	N.D.	
35)	4-Chloroaniline	8.25	127	21	N.D.	
36)	Hexachlorobutadiene	8.37	225	13	N.D.	
37)	Caprolactam	8.75	113	35	N.D.	
38)	4-Chloro-3-methylphenol	8.90	107	26	N.D.	
39)	2-Methylnaphthalene	9.03	142	141	N.D.	
41)	1-Methylnaphthalene	9.17	142	88	N.D.	
42)	Hexachlorocyclopentadiene	9.29	237	16	1.02 ng/ul#	60
43)	1,2,4,5-Tetrachlorobenzene	9.41	216	12	N.D.	
44)	2,4,6-Trichlorophenol	9.46	196	18	N.D.	
45)	2,4,5-Trichlorophenol	9.50	196	14	N.D.	
47)	1,1'-Biphenyl	9.66	154	739	N.D.	
48)	2-Chloronaphthalene	9.66	162	16	N.D.	
49)	2-Nitroaniline	9.85	65	100	N.D.	
50)	Dimethylphthalate	10.13	163	44	N.D.	
51)	1,4-Dinitrobenzene	9.99	168	13	N.D.	
52)	1,3-Dinitrobenzene	10.10	168	15	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.23	152	76	N.D.	
55)	1,2-Dinitrobenzene	10.32	168	19	N.D.	
56)	3-Nitroaniline	10.45	138	32	N.D.	
57)	Acenaphthene	10.46	153	57	N.D.	
58)	2,4-Dinitrophenol	0.00	184	0	N.D.	
59)	4-Nitrophenol	10.72	109	86	1.64 ng/uL#	28
60)	Dibenzofuran	10.69	168	360	N.D.	
61)	2,4-Dinitrotoluene	10.72	165	19	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.75	232	22	N.D.	
63)	2,3,4,6-tetrachlorophenol	0.00	232	0	N.D.	
64)	Diethylphthalate	11.04	149	442	N.D.	
65)	Fluorene	11.13	166	234	N.D.	
66)	4-Chlorophenyl-phenylether	11.19	204	15	N.D.	
67)	4-Nitroaniline	11.22	138	11	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.23	198	14	N.D.	
70)	N-nitrosodiphenylamine	11.29	169	78	N.D.	
71)	1,2-Diphenylhydrazine	11.26	77	210	N.D.	
73)	4-Bromophenyl-phenylether	11.73	248	14	N.D.	
74)	Hexachlorobenzene	11.98	284	15	N.D.	
75)	Atrazine	12.20	200	13	N.D.	
76)	Pentachlorophenol	12.34	266	15	N.D.	
77)	Phenanthrene	12.52	178	14	N.D.	
78)	Anthracene	12.52	178	14	N.D.	
79)	Carbazole	12.64	167	177	N.D.	
80)	Di-n-butylphthalate	13.16	149	3118	N.D.	
81)	Fluoranthene	14.01	202	81	N.D.	
83)	Benzidine	14.15	184	13	3.97 ng/ul	67
84)	Pyrene	14.47	202	28	N.D.	
86)	Butylbenzylphthalate	15.41	149	280	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.51	129	4609	N.D.	
88)	3,3'-Dichlorobenzidine	16.45	252	14	N.D.	
89)	Benzo[a]anthracene	16.47	228	581	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112906\Z1129012.D Vial: 9
Acq On : 29 Nov 2006 22:34 Operator: LPM
Sample : JPL23-013 EB-12-11/10/06 Inst : Zooey
Misc : 5970Z 990ML->0.5ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 30 8:27 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 12:46:57 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.57	149	3784	N.D.	
91)	Chrysene	16.47	228	581	N.D.	
93)	Di-n-octylphthalate	17.95	149	403	N.D.	
94)	Benzo[b]fluoranthene	18.90	252	29	N.D.	
95)	Benzo[k]fluoranthene	18.96	252	68	N.D.	
96)	Benzo[a]pyrene	19.67	252	57	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.54	276	41	N.D.	
98)	Dibenz[a,h]anthracene	22.60	278	36	N.D.	
99)	Benzo[g,h,i]perylene	23.15	276	66	N.D.	

(#) = qualifier out of range (m) = manual integration
Z1129012.D Z8270M.M Thu Nov 30 08:27:09 2006

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-5

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

SDG No.: JPL23 Run Sequence: R012883

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-015

Sample wt/vol: 1010.0 (g/mL) mL Lab File ID: Z1122007.D

Level: (LOW/MED) Date Collected: 11/13/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/17/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/22/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: <2 Extraction: (Type) CONT

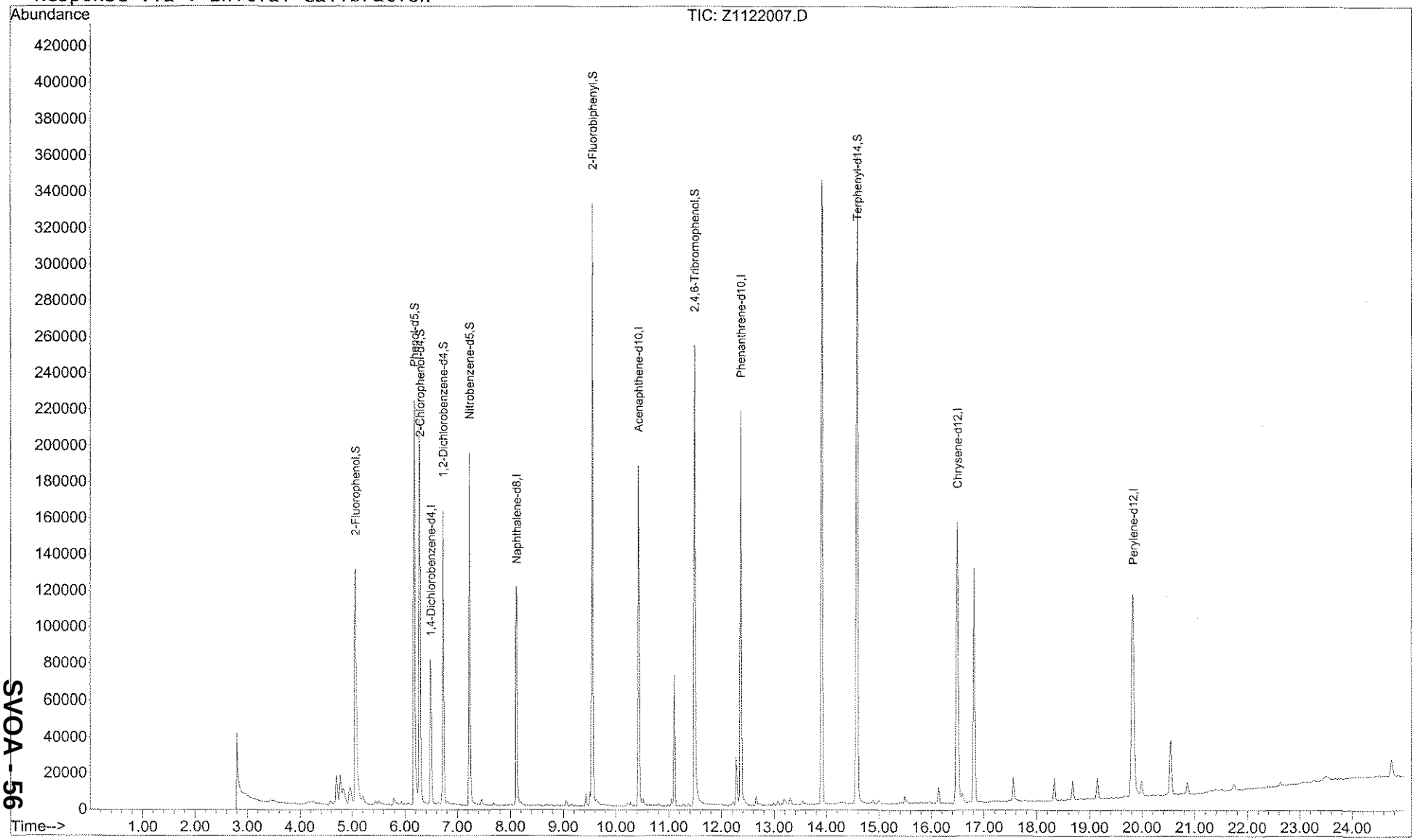
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122007.D Vial: 5
Acq On : 22 Nov 2006 16:05 Operator: AP
Sample : JPL23-015 MW-18-5 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:52 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration



SVOA - 56

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122007.D Vial: 5
Acq On : 22 Nov 2006 16:05 Operator: AP
Sample : JPL23-015 MW-18-5 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:52 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) 1,4-Dichlorobenzene-d4	6.50	152	25270	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	102118	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.43	164	64702	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.37	188	126878	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.49	240	122639	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.83	264	114330	20.00	ng/ul	0.00 NA%

System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	93616	62.81	ng/ul	0.00
Spiked Amount 75.000	Range 20 - 110		Recovery = 83.75%			
7) Phenol-d5	6.18	99	131512	65.08	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 86.77%			
11) 2-Chlorophenol-d4	6.29	132	112167	63.00	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 84.00%			
15) 1,2-Dichlorobenzene-d4	6.73	152	35707	33.20	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 66.40%			
25) Nitrobenzene-d5	7.23	82	79494	42.52	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 85.04%			
46) 2-Fluorobiphenyl	9.55	172	155806	38.90	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 77.80%			
72) 2,4,6-Tribromophenol	11.49	330	51165	54.62	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 72.83%			
85) Terphenyl-d14	14.58	244	226237	38.75	ng/ul	0.01
Spiked Amount 50.000	Range 50 - 135		Recovery = 77.50%			

Target Compounds				Qvalue
2) 1,4-Dioxane	2.98	88	168	N.D.
3) N-nitrosodimethylamine	3.44	74	68	N.D.
4) Pyridine	3.45	79	56	N.D.
6) Benzaldehyde	6.01	77	597	N.D.
8) Phenol	6.20	94	426	N.D.
9) Aniline	6.18	93	62	N.D.
10) Bis(2-Chloroethyl)ether	6.18	93	62	N.D.
12) 2-Chlorophenol	6.32	128	18	N.D.
13) 1,3-Dichlorobenzene	6.42	146	14	N.D.
14) 1,4-Dichlorobenzene	6.50	146	13	N.D.
16) Benzyl alcohol	6.73	108	364	N.D.
17) 1,2-Dichlorobenzene	6.79	146	15	N.D.
18) 2-Methylphenol	6.82	108	33	N.D.
19) Bis(2-chloroisopropyl)ethe	6.82	45	1382	N.D.
20) 3 & 4-Methylphenol	7.05	108	31	N.D.
21) Acetophenone	7.06	105	97	N.D.
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.
23) Hexachloroethane	7.15	117	87	N.D.
26) Nitrobenzene	7.23	77	391	N.D.
27) Isophorone	0.00	82	0	N.D.
28) 2-Nitrophenol	7.67	139	15	N.D.

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122007.D Vial: 5
Acq On : 22 Nov 2006 16:05 Operator: AP
Sample : JPL23-015 MW-18-5 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:52 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
29)	2,4-Dimethylphenol	7.76	107	63	N.D.		
30)	bis(2-Chloroethoxy)methane	7.79	93	49	N.D.		
31)	Benzoic acid	7.94	105	65	Below Cal	#	75
32)	2,4-Dichlorophenol	8.03	162	13	N.D.		
33)	1,2,4-Trichlorobenzene	7.99	180	14	N.D.		
34)	Naphthalene	8.14	128	120	N.D.		
35)	4-Chloroaniline	8.33	127	31	N.D.		
36)	Hexachlorobutadiene	8.40	225	13	N.D.		
37)	Caprolactam	8.77	113	19	N.D.		
38)	4-Chloro-3-methylphenol	8.94	107	16	N.D.		
39)	2-Methylnaphthalene	8.97	142	27	N.D.		
41)	1-Methylnaphthalene	9.15	142	13	N.D.		
42)	Hexachlorocyclopentadiene	0.00	237	0	N.D.		
43)	1,2,4,5-Tetrachlorobenzene	9.38	216	11	N.D.		
44)	2,4,6-Trichlorophenol	9.35	196	20	N.D.		
45)	2,4,5-Trichlorophenol	9.55	196	10	N.D.		
47)	1,1'-Biphenyl	9.67	154	526	N.D.		
48)	2-Chloronaphthalene	9.71	162	12	N.D.		
49)	2-Nitroaniline	9.85	65	42	N.D.		
50)	Dimethylphthalate	10.15	163	20	N.D.		
51)	1,4-Dinitrobenzene	9.99	168	16	N.D.		
52)	1,3-Dinitrobenzene	9.99	168	16	N.D.		
53)	2,6-Dinitrotoluene	10.22	165	190	N.D.		
54)	Acenaphthylene	10.28	152	80	N.D.		
55)	1,2-Dinitrobenzene	10.35	168	55	N.D.		
56)	3-Nitroaniline	10.44	138	14	N.D.		
57)	Acenaphthene	10.43	153	32	N.D.		
58)	2,4-Dinitrophenol	0.00	184	0	N.D.		
59)	4-Nitrophenol	10.70	109	57	1.64 ng/uL	#	4
60)	Dibenzofuran	10.78	168	14	N.D.		
61)	2,4-Dinitrotoluene	10.69	165	53	N.D.		
62)	2,3,5,6-tetrachlorophenol	0.00	232	0	N.D.		
63)	2,3,4,6-tetrachlorophenol	0.00	232	0	N.D.		
64)	Diethylphthalate	11.05	149	1082	N.D.		
65)	Fluorene	11.09	166	11	N.D.		
66)	4-Chlorophenyl-phenylether	11.16	204	12	N.D.		
67)	4-Nitroaniline	11.28	138	12	N.D.		
69)	4,6-Dinitro-2-methylphenol	11.12	198	15	N.D.		
70)	N-nitrosodiphenylamine	0.00	169	0	N.D.		
71)	1,2-Diphenylhydrazine	11.35	77	21	N.D.		
73)	4-Bromophenyl-phenylether	11.84	248	10	N.D.		
74)	Hexachlorobenzene	12.11	284	14	N.D.		
75)	Atrazine	11.94	200	16	N.D.		
76)	Pentachlorophenol	0.00	266	0	N.D.		
77)	Phenanthrene	12.37	178	130	N.D.		
78)	Anthracene	12.37	178	130	N.D.		
79)	Carbazole	12.67	167	196	N.D.		
80)	Di-n-butylphthalate	13.17	149	1136	N.D.		
81)	Fluoranthene	14.05	202	42	N.D.		
83)	Benzidine	14.17	184	11	3.97 ng/ul		67
84)	Pyrene	14.42	202	14	N.D.		
86)	Butylbenzylphthalate	15.43	149	181	N.D.		
87)	Bis(2-ethylhexyl)adipate	15.54	129	465	N.D.		
88)	3,3'-Dichlorobenzidine	16.49	252	29	N.D.		
89)	Benzo[a]anthracene	16.49	228	385	N.D.		

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122007.D Vial: 5
Acq On : 22 Nov 2006 16:05 Operator: AP
Sample : JPL23-015 MW-18-5 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:52 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.59	149	2001	N.D.		
91)	Chrysene	16.49	228	385	N.D.		
93)	Di-n-octylphthalate	18.01	149	223	N.D.		
94)	Benzo[b]fluoranthene	18.94	252	48	N.D.		
95)	Benzo[k]fluoranthene	18.94	252	48	N.D.		
96)	Benzo[a]pyrene	19.73	252	55	N.D.		
97)	Indeno[1,2,3-cd]pyrene	22.56	276	17	N.D.		
98)	Dibenz[a,h]anthracene	22.55	278	14	N.D.		
99)	Benzo[g,h,i]perylene	22.97	276	15	N.D.		

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-4

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

SDG No.: JPL23 Run Sequence: R012883

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-016

Sample wt/vol: 990.0 (g/mL) mL Lab File ID: Z1122008.D

Level: (LOW/MED) _____ Date Collected: 11/13/2006

% Moisture: _____ Decanted: (Y/N) N Date Extracted: 11/17/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/22/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: <2 Extraction: (Type) CONT

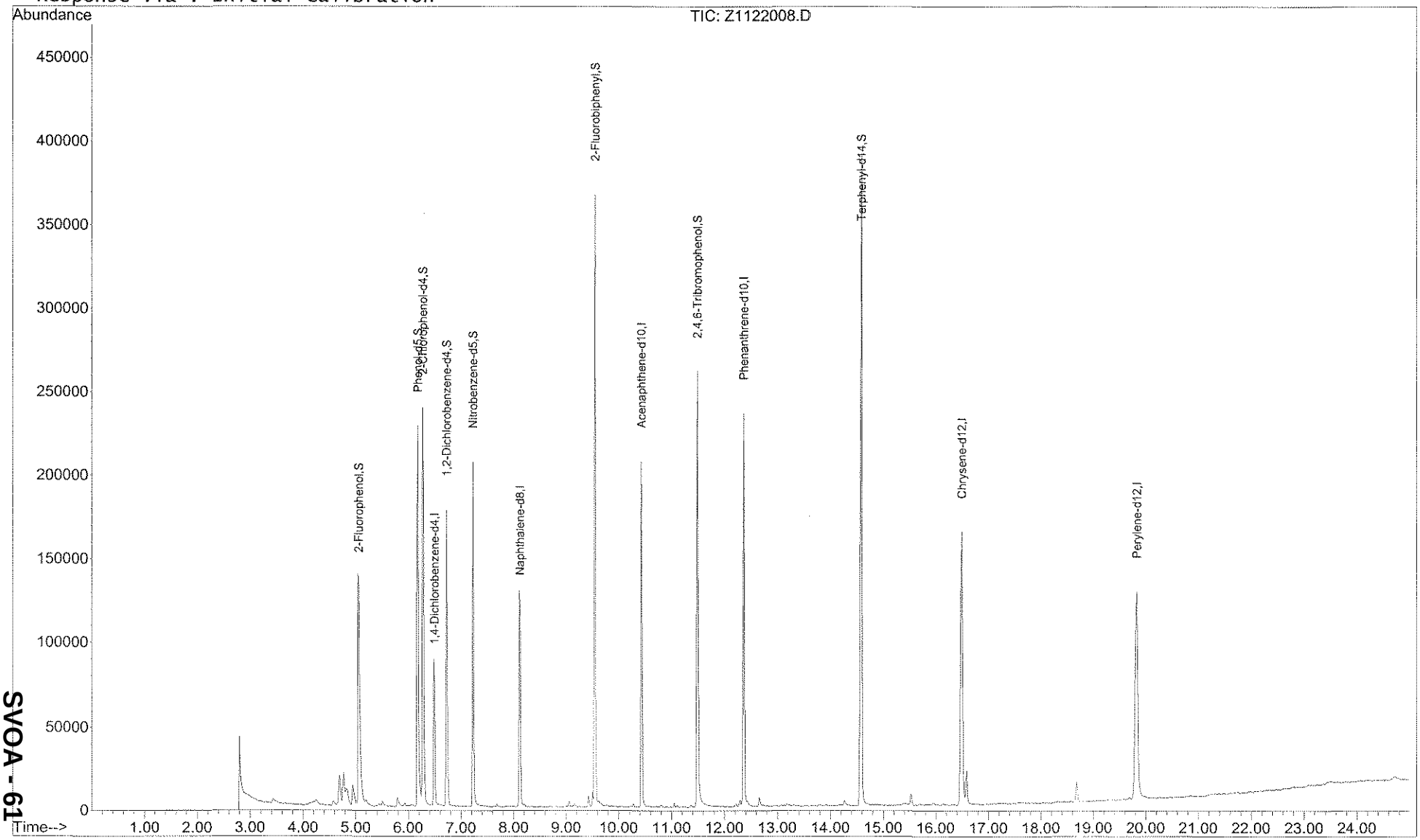
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.8	

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122008.D Vial: 6
Acq On : 22 Nov 2006 16:41 Operator: AP
Sample : JPL23-016 MW-18-4 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:52 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration



SVOA-61

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122008.D Vial: 6
Acq On : 22 Nov 2006 16:41 Operator: AP
Sample : JPL23-016 MW-18-4 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:52 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) 1,4-Dichlorobenzene-d4	6.50	152	26755	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	110012	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.43	164	69163	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.37	188	137521	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.49	240	134501	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.83	264	127087	20.00	ng/ul	0.00 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	97859	62.02	ng/ul	0.00
Spiked Amount 75.000	Range 20 - 110		Recovery = 82.69%			
7) Phenol-d5	6.18	99	139898	65.39	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 87.19%			
11) 2-Chlorophenol-d4	6.27	132	121482	64.45	ng/ul	-0.01
Spiked Amount 75.000	Range 48 - 117		Recovery = 85.93%			
15) 1,2-Dichlorobenzene-d4	6.73	152	39234	34.46	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 68.92%			
25) Nitrobenzene-d5	7.23	82	84822	42.12	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 84.24%			
46) 2-Fluorobiphenyl	9.55	172	170155	39.75	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 79.50%			
72) 2,4,6-Tribromophenol	11.49	330	51408	50.63	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 67.51%			
85) Terphenyl-d14	14.58	244	245049	38.27	ng/ul	0.01
Spiked Amount 50.000	Range 50 - 135		Recovery = 76.54%			
Target Compounds						Qvalue
2) 1,4-Dioxane	3.01	88	1307	1.81	ng/ul#	74
3) N-nitrosodimethylamine	3.45	74	20	N.D.		
4) Pyridine	3.45	79	74	N.D.		
6) Benzaldehyde	6.03	77	318	N.D.		
8) Phenol	6.20	94	271	N.D.		
9) Aniline	6.18	93	50	N.D.		
10) Bis(2-Chloroethyl)ether	6.18	93	50	N.D.		
12) 2-Chlorophenol	6.30	128	52	N.D.		
13) 1,3-Dichlorobenzene	6.45	146	31	N.D.		
14) 1,4-Dichlorobenzene	6.52	146	19	N.D.		
16) Benzyl alcohol	6.73	108	303	N.D.		
17) 1,2-Dichlorobenzene	6.67	146	13	N.D.		
18) 2-Methylphenol	6.89	108	19	N.D.		
19) Bis(2-chloroisopropyl)ethe	6.80	45	541	N.D.		
20) 3 & 4-Methylphenol	7.06	108	19	N.D.		
21) Acetophenone	7.06	105	177	N.D.		
22) n-Nitroso-di-n-propylamine	7.08	70	265	N.D.		
23) Hexachloroethane	7.09	117	31	N.D.		
26) Nitrobenzene	7.23	77	291	N.D.		
27) Isophorone	0.00	82	0	N.D.		
28) 2-Nitrophenol	7.65	139	29	N.D.		

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122008.D Vial: 6
Acq On : 22 Nov 2006 16:41 Operator: AP
Sample : JPL23-016 MW-18-4 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:52 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29) 2,4-Dimethylphenol	7.79	107	56	N.D.	
30) bis(2-Chloroethoxy)methane	7.82	93	41	N.D.	
31) Benzoic acid	8.02	105	120	Below Cal #	67
32) 2,4-Dichlorophenol	7.99	162	11	N.D.	
33) 1,2,4-Trichlorobenzene	8.23	180	21	N.D.	
34) Naphthalene	8.14	128	84	N.D.	
35) 4-Chloroaniline	8.27	127	24	N.D.	
36) Hexachlorobutadiene	8.38	225	14	N.D.	
37) Caprolactam	8.71	113	15	N.D.	
38) 4-Chloro-3-methylphenol	8.90	107	45	N.D.	
39) 2-Methylnaphthalene	9.05	142	15	N.D.	
41) 1-Methylnaphthalene	9.18	142	23	N.D.	
42) Hexachlorocyclopentadiene	0.00	237	0	N.D.	
43) 1,2,4,5-Tetrachlorobenzene	9.40	216	14	N.D.	
44) 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
45) 2,4,5-Trichlorophenol	9.71	196	11	N.D.	
47) 1,1'-Biphenyl	9.67	154	582	N.D.	
48) 2-Chloronaphthalene	9.62	162	15	N.D.	
49) 2-Nitroaniline	9.88	65	33	N.D.	
50) Dimethylphthalate	10.14	163	50	N.D.	
51) 1,4-Dinitrobenzene	9.84	168	20	N.D.	
52) 1,3-Dinitrobenzene	10.18	168	16	N.D.	
53) 2,6-Dinitrotoluene	10.23	165	42	N.D.	
54) Acenaphthylene	10.23	152	80	N.D.	
55) 1,2-Dinitrobenzene	10.35	168	20	N.D.	
56) 3-Nitroaniline	10.44	138	56	N.D.	
57) Acenaphthene	10.43	153	19	N.D.	
58) 2,4-Dinitrophenol	10.41	184	14	3.83 ng/ul#	1
59) 4-Nitrophenol	10.70	109	42	1.61 ng/uL#	1
60) Dibenzofuran	10.65	168	15	N.D.	
61) 2,4-Dinitrotoluene	10.81	165	123	N.D.	
62) 2,3,5,6-tetrachlorophenol	10.78	232	13	N.D.	
63) 2,3,4,6-tetrachlorophenol	0.00	232	0	N.D.	
64) Diethylphthalate	11.05	149	828	N.D.	
65) Fluorene	11.16	166	13	N.D.	
66) 4-Chlorophenyl-phenylether	11.02	204	15	N.D.	
67) 4-Nitroaniline	11.22	138	28	N.D.	
69) 4,6-Dinitro-2-methylphenol	11.26	198	32	N.D.	
70) N-nitrosodiphenylamine	0.00	169	0	N.D.	
71) 1,2-Diphenylhydrazine	11.37	77	167	N.D.	
73) 4-Bromophenyl-phenylether	11.67	248	19	N.D.	
74) Hexachlorobenzene	11.94	284	13	N.D.	
75) Atrazine	12.22	200	15	N.D.	
76) Pentachlorophenol	11.97	266	13	N.D.	
77) Phenanthrene	12.28	178	12	N.D.	
78) Anthracene	12.63	178	26	N.D.	
79) Carbazole	12.66	167	147	N.D.	
80) Di-n-butylphthalate	13.17	149	1168	N.D.	
81) Fluoranthene	14.02	202	15	N.D.	
83) Benzidine	14.22	184	12	3.97 ng/ul	67
84) Pyrene	14.36	202	34	N.D.	
86) Butylbenzylphthalate	15.28	149	159	N.D.	
87) Bis(2-ethylhexyl)adipate	15.54	129	2294	N.D.	
88) 3,3'-Dichlorobenzidine	16.46	252	12	N.D.	
89) Benzo[a]anthracene	16.49	228	456	N.D.	

(#) = qualifier out of range (m) = manual integration
Z1122008.D Z8270M.M Mon Nov 27 09:52:19 2006 Page 2

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122008.D Vial: 6
Acq On : 22 Nov 2006 16:41 Operator: AP
Sample : JPL23-016 MW-18-4 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:52 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

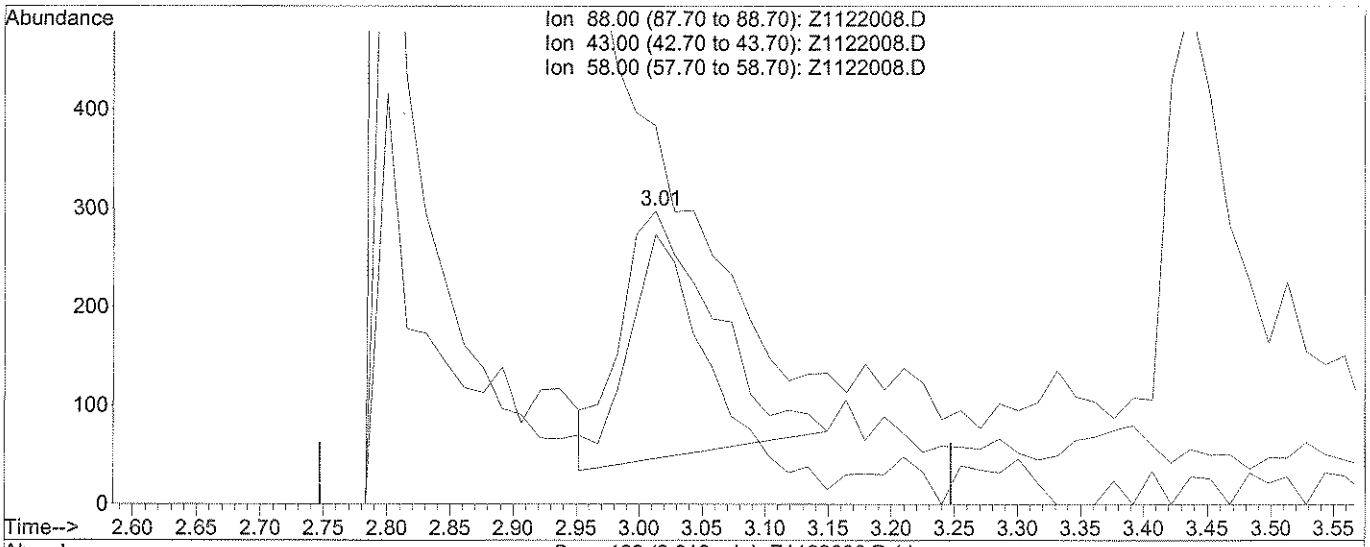
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.59	149	9118	1.15 ng/ul	94
91)	Chrysene	16.49	228	456	N.D.	
93)	Di-n-octylphthalate	17.87	149	78	N.D.	
94)	Benzo[b]fluoranthene	18.95	252	100	N.D.	
95)	Benzo[k]fluoranthene	18.95	252	100	N.D.	
96)	Benzo[a]pyrene	19.68	252	39	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.46	276	13	N.D.	
98)	Dibenz[a,h]anthracene	22.55	278	17	N.D.	
99)	Benzo[g,h,i]perylene	23.13	276	12	N.D.	

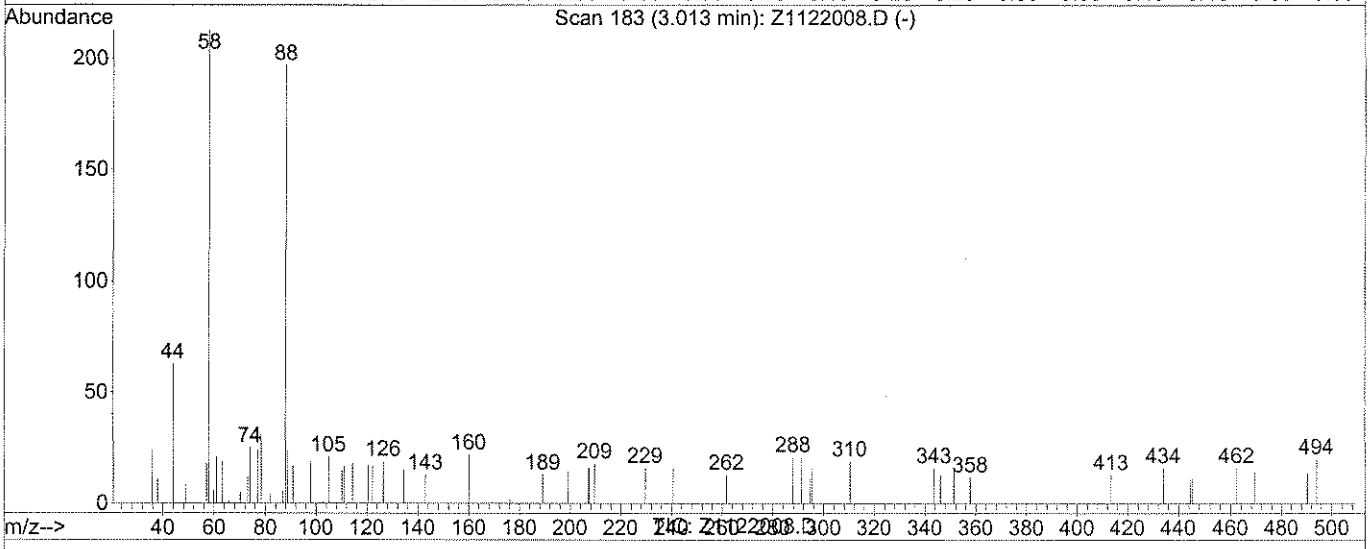
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : X:\MSABN\ZOOEY\112206\Z1122008.D Vial: 6
Acq On : 22 Nov 2006 16:41 Operator: AP
Sample : JPL23-016 MW-18-4 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 10:56 2006 Quant Results File: temp.res

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 10:55:55 2006
Response via : Multiple Level Calibration



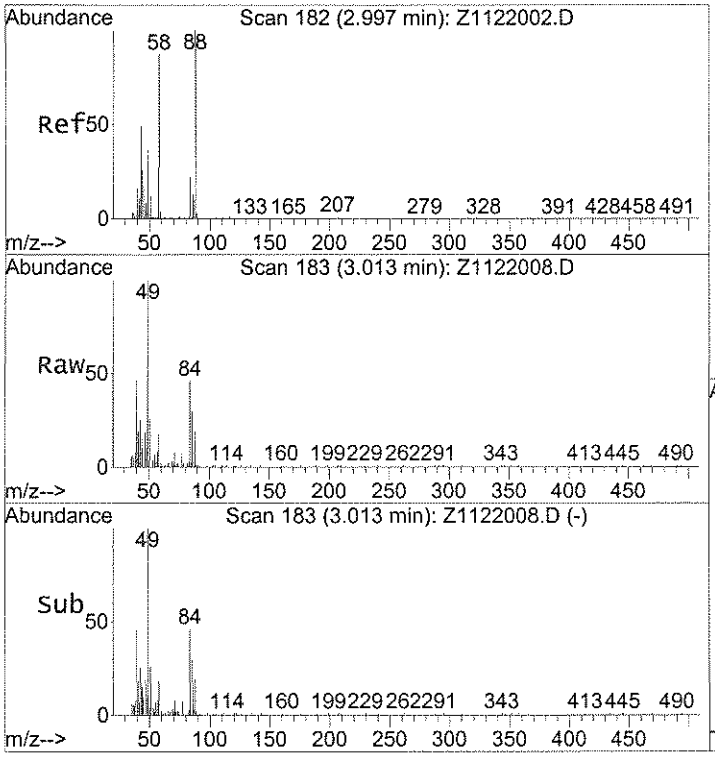


(2) 1,4-Dioxane

3.01min 1.81ng/ul

response 1307

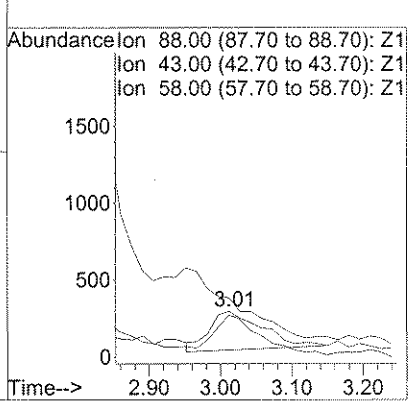
Ion	Exp%	Act%
88.00	100	100
43.00	44.40	0.00#
58.00	86.10	90.51
0.00	0.00	0.00



#2
1,4-Dioxane
Concen: 1.81 ng/ul
RT: 3.01 min Scan# 183
Delta R.T. 0.02 min
Lab File: Z1122008.D
Acq: 22 Nov 2006 16:41

Tgt Ion: 88 Resp: 1307

Ion	Ratio	Lower	Upper
88	100		
43	0.0	35.5	53.3#
58	90.5	68.9	103.3



1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-2

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

SDG No.: JPL23 Run Sequence: R012883

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-017

Sample wt/vol: 980.0 (g/mL) mL Lab File ID: Z1122009.D

Level: (LOW/MED) Date Collected: 11/13/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/17/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/22/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: <2 Extraction: (Type) CONT

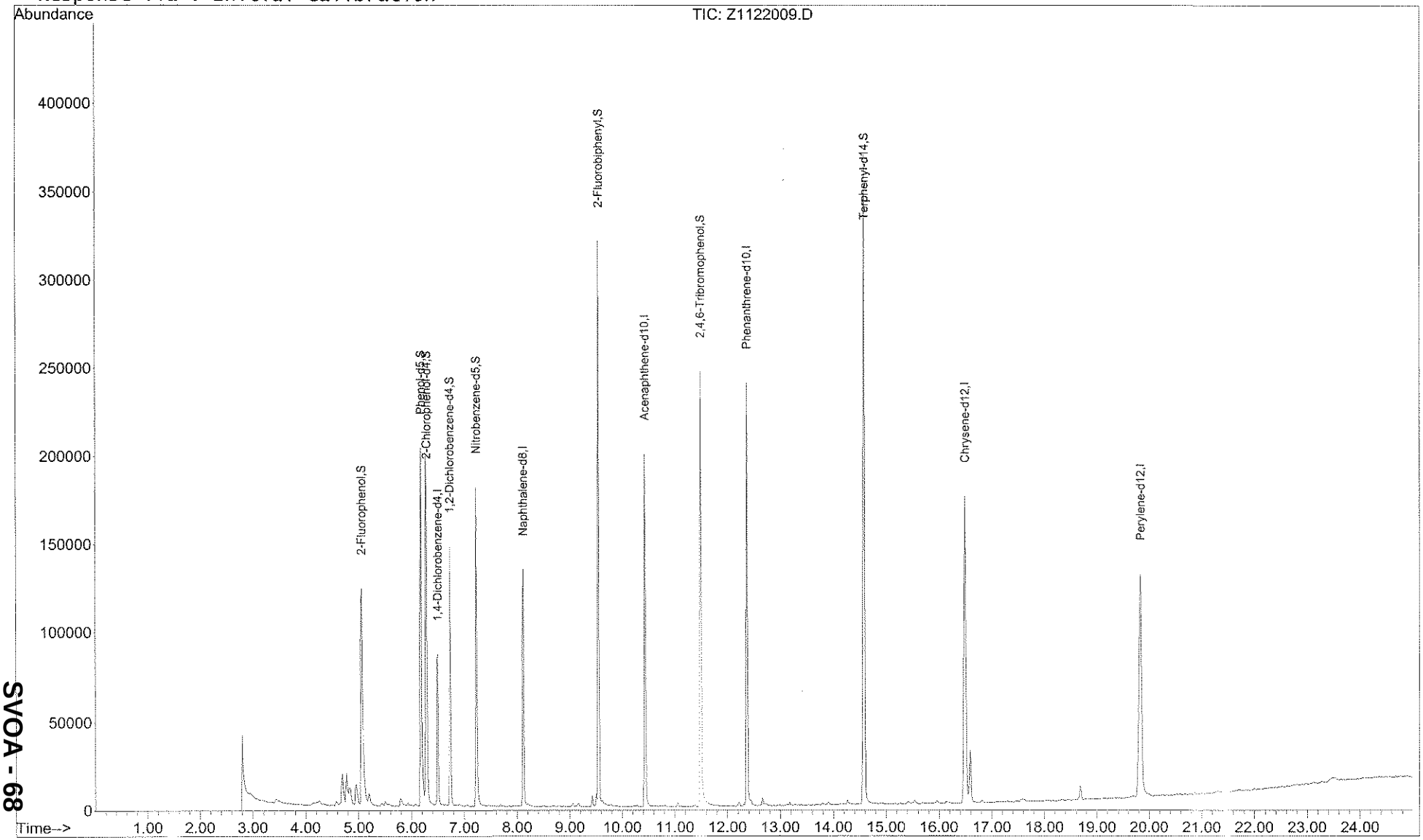
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122009.D Vial: 7
Acq On : 22 Nov 2006 17:17 Operator: AP
Sample : JPL23-017 MW-18-2 Inst : Zooey
Misc : 5970Z 980ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:52 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration



SVOA - 68

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122009.D Vial: 7
Acq On : 22 Nov 2006 17:17 Operator: AP
Sample : JPL23-017 MW-18-2 Inst : Zooey
Misc : 5970Z 980ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:52 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) 1,4-Dichlorobenzene-d4	6.50	152	27218	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	111281	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.43	164	68969	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.37	188	139313	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.49	240	137848	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.83	264	129076	20.00	ng/ul	0.00 NA%

System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	87369	54.43	ng/ul	0.00
Spiked Amount 75.000	Range 20 - 110		Recovery = 72.57%			
7) Phenol-d5	6.18	99	124102	57.02	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 76.03%			
11) 2-Chlorophenol-d4	6.29	132	107854	56.25	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 75.00%			
15) 1,2-Dichlorobenzene-d4	6.73	152	32960	28.45	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 56.90%			
25) Nitrobenzene-d5	7.23	82	75108	36.87	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 73.74%			
46) 2-Fluorobiphenyl	9.55	172	147151	34.47	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 68.94%			
72) 2,4,6-Tribromophenol	11.49	330	49446	48.08	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 64.11%			
85) Terphenyl-d14	14.58	244	231162	35.23	ng/ul	0.01
Spiked Amount 50.000	Range 50 - 135		Recovery = 70.46%			

Target Compounds				Qvalue
2) 1,4-Dioxane	2.95	88	486	N.D.
3) N-nitrosodimethylamine	3.45	74	28	N.D.
4) Pyridine	3.45	79	19	N.D.
6) Benzaldehyde	6.01	77	381	N.D.
8) Phenol	6.20	94	310	N.D.
9) Aniline	6.21	93	31	N.D.
10) Bis(2-Chloroethyl)ether	6.21	93	31	N.D.
12) 2-Chlorophenol	6.30	128	70	N.D.
13) 1,3-Dichlorobenzene	6.48	146	19	N.D.
14) 1,4-Dichlorobenzene	6.48	146	19	N.D.
16) Benzyl alcohol	6.73	108	297	N.D.
17) 1,2-Dichlorobenzene	6.73	146	22	N.D.
18) 2-Methylphenol	6.89	108	36	N.D.
19) Bis(2-chloroisopropyl)ethe	6.80	45	283	N.D.
20) 3 & 4-Methylphenol	7.11	108	59	N.D.
21) Acetophenone	7.06	105	136	N.D.
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.
23) Hexachloroethane	7.24	117	43	N.D.
26) Nitrobenzene	7.23	77	440	N.D.
27) Isophorone	7.50	82	61	N.D.
28) 2-Nitrophenol	7.68	139	26	N.D.

(#) = qualifier out of range (m) = manual integration
Z1122009.D Z8270M.M Mon Nov 27 09:52:33 2006

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122009.D Vial: 7
Acq On : 22 Nov 2006 17:17 Operator: AP
Sample : JPL23-017 MW-18-2 Inst : Zooey
Misc : 5970Z 980ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:52 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.67	107	18	N.D.	
30)	bis(2-Chloroethoxy)methane	7.85	93	90	N.D.	
31)	Benzoic acid	7.99	105	274	Below Cal #	83
32)	2,4-Dichlorophenol	7.93	162	11	N.D.	
33)	1,2,4-Trichlorobenzene	8.20	180	15	N.D.	
34)	Naphthalene	8.02	128	31	N.D.	
35)	4-Chloroaniline	0.00	127	0	N.D.	
36)	Hexachlorobutadiene	8.47	225	12	N.D.	
37)	Caprolactam	8.73	113	13	N.D.	
38)	4-Chloro-3-methylphenol	8.96	107	35	N.D.	
39)	2-Methylnaphthalene	9.02	142	13	N.D.	
41)	1-Methylnaphthalene	9.18	142	21	N.D.	
42)	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
43)	1,2,4,5-Tetrachlorobenzene	0.00	216	0	N.D.	
44)	2,4,6-Trichlorophenol	9.43	196	17	N.D.	
45)	2,4,5-Trichlorophenol	9.50	196	11	N.D.	
47)	1,1'-Biphenyl	9.67	154	501	N.D.	
48)	2-Chloronaphthalene	9.71	162	15	N.D.	
49)	2-Nitroaniline	9.87	65	38	N.D.	
50)	Dimethylphthalate	10.11	163	42	N.D.	
51)	1,4-Dinitrobenzene	0.00	168	0	N.D.	
52)	1,3-Dinitrobenzene	10.18	168	17	N.D.	
53)	2,6-Dinitrotoluene	10.23	165	91	N.D.	
54)	Acenaphthylene	10.22	152	16	N.D.	
55)	1,2-Dinitrobenzene	10.37	168	72	N.D.	
56)	3-Nitroaniline	10.43	138	13	N.D.	
57)	Acenaphthene	10.46	153	15	N.D.	
58)	2,4-Dinitrophenol	10.70	184	12	3.83 ng/ul#	1
59)	4-Nitrophenol	10.67	109	15	1.57 ng/uL#	15
60)	Dibenzofuran	10.72	168	15	N.D.	
61)	2,4-Dinitrotoluene	10.73	165	22	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.69	232	14	N.D.	
63)	2,3,4,6-tetrachlorophenol	0.00	232	0	N.D.	
64)	Diethylphthalate	11.05	149	974	N.D.	
65)	Fluorene	11.20	166	16	N.D.	
66)	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
67)	4-Nitroaniline	11.22	138	19	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.19	198	25	N.D.	
70)	N-nitrosodiphenylamine	0.00	169	0	N.D.	
71)	1,2-Diphenylhydrazine	11.34	77	133	N.D.	
73)	4-Bromophenyl-phenylether	11.72	248	29	N.D.	
74)	Hexachlorobenzene	0.00	284	0	N.D.	
75)	Atrazine	11.97	200	17	N.D.	
76)	Pentachlorophenol	12.38	266	14	N.D.	
77)	Phenanthrene	12.54	178	12	N.D.	
78)	Anthracene	12.54	178	12	N.D.	
79)	Carbazole	12.66	167	106	N.D.	
80)	Di-n-butylphthalate	13.17	149	1233	N.D.	
81)	Fluoranthene	13.93	202	12	N.D.	
83)	Benzidine	14.25	184	13	3.97 ng/ul	67
84)	Pyrene	14.36	202	34	N.D.	
86)	Butylbenzylphthalate	15.42	149	209	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	525	N.D.	
88)	3,3'-Dichlorobenzidine	16.42	252	28	N.D.	
89)	Benzo[a]anthracene	16.48	228	421	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122009.D Vial: 7
Acq On : 22 Nov 2006 17:17 Operator: AP
Sample : JPL23-017 MW-18-2 Inst : Zooey
Misc : 5970Z 980ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:52 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.59	149	14752	1.82 ng/ul	93
91)	Chrysene	16.48	228	421	N.D.	
93)	Di-n-octylphthalate	17.98	149	381	N.D.	
94)	Benzo[b]fluoranthene	18.91	252	17	N.D.	
95)	Benzo[k]fluoranthene	18.95	252	46	N.D.	
96)	Benzo[a]pyrene	19.68	252	31	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.53	276	33	N.D.	
98)	Dibenz[a,h]anthracene	0.00	278	0	N.D.	
99)	Benzo[g,h,i]perylene	23.20	276	15	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-13-11/13/06

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

SDG No.: JPL23 Run Sequence: R012883

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-018

Sample wt/vol: 1010.0 (g/mL) mL Lab File ID: Z1122010.D

Level: (LOW/MED) Date Collected: 11/13/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/17/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/22/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: <2 Extraction: (Type) CONT

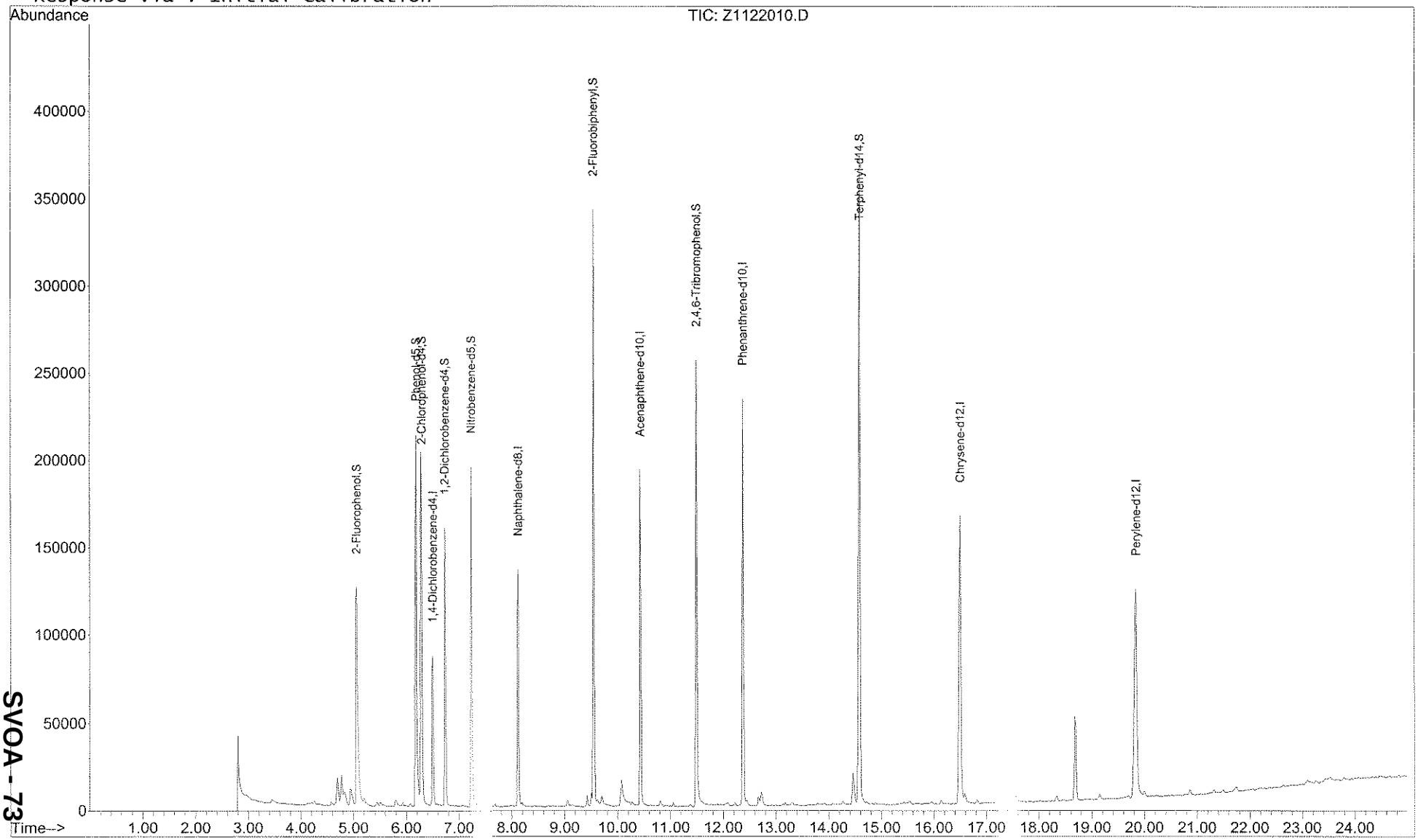
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122010.D Vial: 8
Acq On : 22 Nov 2006 17:54 Operator: AP
Sample : JPL23-018 EB13-11/13/06 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:53 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration



SVOA - 73

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122010.D Vial: 8
Acq On : 22 Nov 2006 17:54 Operator: AP
Sample : JPL23-018 EB13-11/13/06 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:53 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) 1,4-Dichlorobenzene-d4	6.50	152	27466	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	108714	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.43	164	68658	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.37	188	136308	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.49	240	133134	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.83	264	123830	20.00	ng/ul	0.00 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	91406	56.43	ng/ul	0.00
Spiked Amount 75.000	Range 20 - 110		Recovery = 75.24%			
7) Phenol-d5	6.18	99	132219	60.20	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 80.27%			
11) 2-Chlorophenol-d4	6.29	132	112368	58.07	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 77.43%			
15) 1,2-Dichlorobenzene-d4	6.73	152	35808	30.63	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 61.26%			
25) Nitrobenzene-d5	7.23	82	79789	40.09	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 80.18%			
46) 2-Fluorobiphenyl	9.55	172	157982	37.17	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 74.34%			
72) 2,4,6-Tribromophenol	11.49	330	51147	50.83	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 67.77%			
85) Terphenyl-d14	14.58	244	234901	37.06	ng/ul	0.01
Spiked Amount 50.000	Range 50 - 135		Recovery = 74.12%			

Target Compounds				Qvalue
2) 1,4-Dioxane	2.94	88	136	N.D.
3) N-nitrosodimethylamine	3.45	74	36	N.D.
4) Pyridine	3.45	79	62	N.D.
6) Benzaldehyde	5.97	77	38	N.D.
8) Phenol	6.20	94	384	N.D.
9) Aniline	6.17	93	78	N.D.
10) Bis(2-Chloroethyl)ether	6.17	93	78	N.D.
12) 2-Chlorophenol	6.29	128	63	N.D.
13) 1,3-Dichlorobenzene	6.44	146	12	N.D.
14) 1,4-Dichlorobenzene	6.59	146	10	N.D.
16) Benzyl alcohol	6.73	108	302	N.D.
17) 1,2-Dichlorobenzene	6.71	146	20	N.D.
18) 2-Methylphenol	6.85	108	33	N.D.
19) Bis(2-chloroisopropyl)ethe	6.91	45	58	N.D.
20) 3 & 4-Methylphenol	7.05	108	19	N.D.
21) Acetophenone	7.06	105	429	N.D.
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.
23) Hexachloroethane	7.15	117	13	N.D.
26) Nitrobenzene	7.23	77	558	N.D.
27) Isophorone	7.61	82	62	N.D.
28) 2-Nitrophenol	7.61	139	15	N.D.

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122010.D Vial: 8
Acq On : 22 Nov 2006 17:54 Operator: AP
Sample : JPL23-018 EB13-11/13/06 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:53 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.74	107	16	N.D.	
30)	bis(2-Chloroethoxy)methane	7.86	93	68	N.D.	
31)	Benzoic acid	8.02	105	488	Below Cal #	89
32)	2,4-Dichlorophenol	8.00	162	13	N.D.	
33)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
34)	Naphthalene	8.15	128	115	N.D.	
35)	4-Chloroaniline	8.24	127	16	N.D.	
36)	Hexachlorobutadiene	8.40	225	15	N.D.	
37)	Caprolactam	8.74	113	35	N.D.	
38)	4-Chloro-3-methylphenol	8.94	107	64	N.D.	
39)	2-Methylnaphthalene	9.00	142	40	N.D.	
41)	1-Methylnaphthalene	9.20	142	38	N.D.	
42)	Hexachlorocyclopentadiene	9.27	237	35	1.04 ng/ul#	30
43)	1,2,4,5-Tetrachlorobenzene	0.00	216	0	N.D.	
44)	2,4,6-Trichlorophenol	9.26	196	12	N.D.	
45)	2,4,5-Trichlorophenol	9.55	196	11	N.D.	
47)	1,1'-Biphenyl	9.67	154	545	N.D.	
48)	2-Chloronaphthalene	9.68	162	15	N.D.	
49)	2-Nitroaniline	9.87	65	39	N.D.	
50)	Dimethylphthalate	9.97	163	15	N.D.	
51)	1,4-Dinitrobenzene	10.00	168	15	N.D.	
52)	1,3-Dinitrobenzene	10.20	168	15	N.D.	
53)	2,6-Dinitrotoluene	10.23	165	78	N.D.	
54)	Acenaphthylene	10.18	152	63	N.D.	
55)	1,2-Dinitrobenzene	10.34	168	16	N.D.	
56)	3-Nitroaniline	10.43	138	31	N.D.	
57)	Acenaphthene	10.55	153	21	N.D.	
58)	2,4-Dinitrophenol	10.56	184	11	3.83 ng/ul#	1
59)	4-Nitrophenol	10.70	109	38	1.61 ng/uL#	3
60)	Dibenzofuran	10.68	168	18	N.D.	
61)	2,4-Dinitrotoluene	10.68	165	16	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.90	232	14	N.D.	
63)	2,3,4,6-tetrachlorophenol	10.90	232	14	N.D.	
64)	Diethylphthalate	11.05	149	951	N.D.	
65)	Fluorene	11.00	166	18	N.D.	
66)	4-Chlorophenyl-phenylether	11.09	204	15	N.D.	
67)	4-Nitroaniline	11.23	138	18	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.37	198	11	N.D.	
70)	N-nitrosodiphenylamine	0.00	169	0	N.D.	
71)	1,2-Diphenylhydrazine	11.29	77	86	N.D.	
73)	4-Bromophenyl-phenylether	11.79	248	35	N.D.	
74)	Hexachlorobenzene	11.96	284	13	N.D.	
75)	Atrazine	0.00	200	0	N.D.	
76)	Pentachlorophenol	12.31	266	15	N.D.	
77)	Phenanthrene	12.22	178	12	N.D.	
78)	Anthracene	12.37	178	145	N.D.	
79)	Carbazole	12.67	167	134	N.D.	
80)	Di-n-butylphthalate	13.17	149	1361	N.D.	
81)	Fluoranthene	14.07	202	71	N.D.	
83)	Benzidine	14.20	184	32	3.98 ng/ul	67
84)	Pyrene	14.43	202	13	N.D.	
86)	Butylbenzylphthalate	15.43	149	412	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	655	N.D.	
88)	3,3'-Dichlorobenzidine	16.46	252	13	N.D.	
89)	Benzo[a]anthracene	16.49	228	402	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122010.D Vial: 8
Acq On : 22 Nov 2006 17:54 Operator: AP
Sample : JPL23-018 EB13-11/13/06 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:53 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.59	149	2299	N.D.		
91)	Chrysene	16.49	228	402	N.D.		
93)	Di-n-octylphthalate	17.97	149	250	N.D.		
94)	Benzo[b]fluoranthene	18.95	252	38	N.D.		
95)	Benzo[k]fluoranthene	18.95	252	38	N.D.		
96)	Benzo[a]pyrene	19.71	252	74	N.D.		
97)	Indeno[1,2,3-cd]pyrene	22.47	276	23	N.D.		
98)	Dibenz[a,h]anthracene	22.49	278	12	N.D.		
99)	Benzo[g,h,i]perylene	23.17	276	15	N.D.		

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-3

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

SDG No.: JPL23 Run Sequence: R012883

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-020

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: Z1122011.D

Level: (LOW/MED) Date Collected: 11/14/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/17/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/22/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: <2 Extraction: (Type) CONT

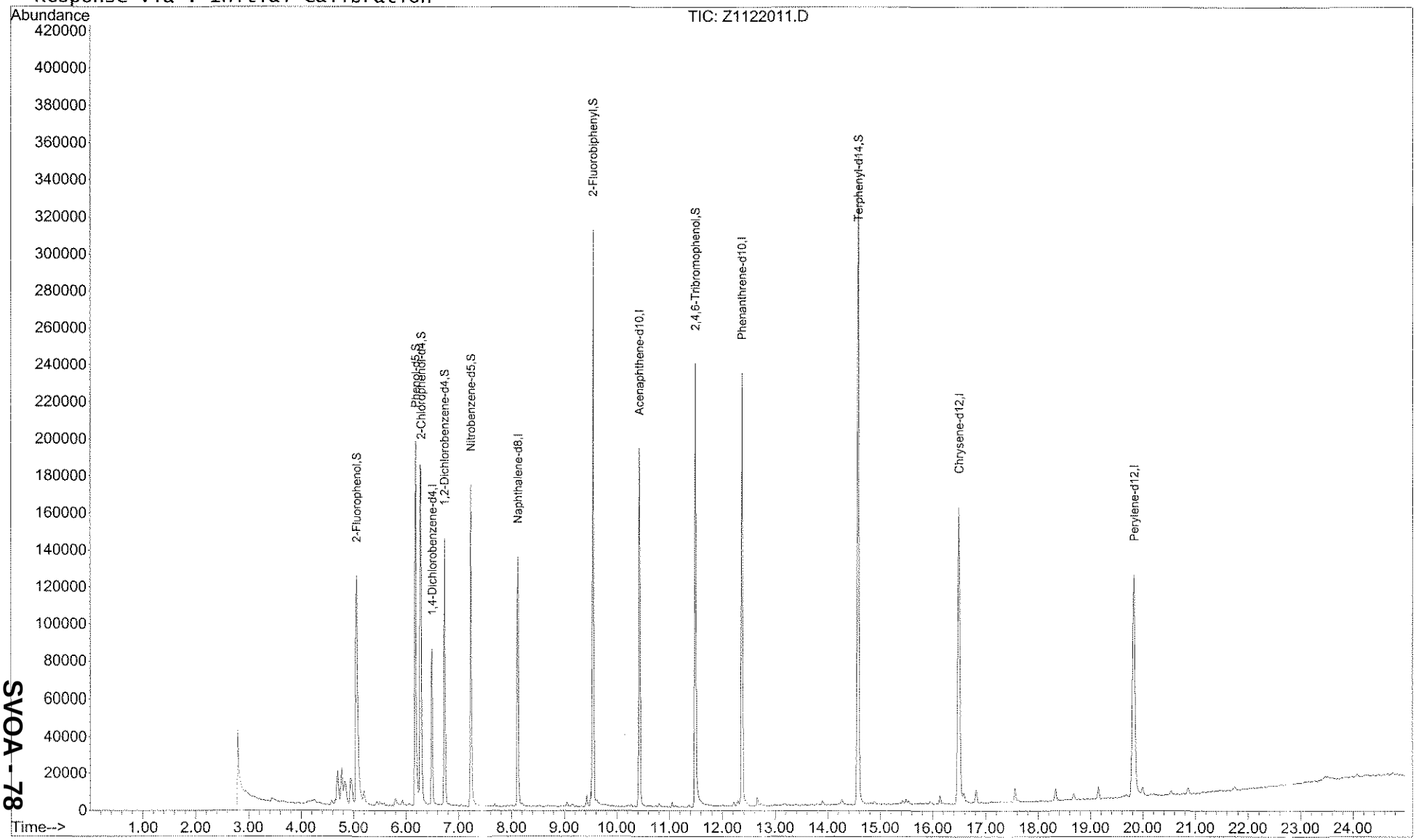
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122011.D Vial: 9
Acq On : 22 Nov 2006 18:29 Operator: AP
Sample : JPL23-020 MW-18-3 Inst : Zooey
Misc : 5970Z 1000ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:53 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration



SVOA-78

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122011.D Vial: 9
Acq On : 22 Nov 2006 18:29 Operator: AP
Sample : JPL23-020 MW-18-3 Inst : Zooey
Misc : 5970Z 1000ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:53 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) 1,4-Dichlorobenzene-d4	6.50	152	26059	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	108354	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.43	164	67425	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.37	188	138322	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.49	240	131063	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.83	264	121373	20.00	ng/ul	0.00 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	86670	56.39	ng/ul	0.00
Spiked Amount 75.000	Range 20 - 110		Recovery = 75.19%			
7) Phenol-d5	6.18	99	121450	58.28	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 77.71%			
11) 2-Chlorophenol-d4	6.29	132	104126	56.72	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 75.63%			
15) 1,2-Dichlorobenzene-d4	6.73	152	33226	29.96	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 59.92%			
25) Nitrobenzene-d5	7.23	82	73080	36.84	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 73.68%			
46) 2-Fluorobiphenyl	9.55	172	145457	34.85	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 69.70%			
72) 2,4,6-Tribromophenol	11.49	330	48158	47.16	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 62.88%			
85) Terphenyl-d14	14.58	244	221964	35.58	ng/ul	0.01
Spiked Amount 50.000	Range 50 - 135		Recovery = 71.16%			

Target Compounds				Qvalue
2) 1,4-Dioxane	3.00	88	399	N.D.
3) N-nitrosodimethylamine	3.42	74	39	N.D.
4) Pyridine	3.51	79	85	N.D.
6) Benzaldehyde	6.01	77	504	N.D.
8) Phenol	6.20	94	337	N.D.
9) Aniline	6.18	93	28	N.D.
10) Bis(2-Chloroethyl)ether	6.18	93	28	N.D.
12) 2-Chlorophenol	6.29	128	40	N.D.
13) 1,3-Dichlorobenzene	6.45	146	27	N.D.
14) 1,4-Dichlorobenzene	6.52	146	18	N.D.
16) Benzyl alcohol	6.73	108	258	N.D.
17) 1,2-Dichlorobenzene	6.73	146	25	N.D.
18) 2-Methylphenol	6.99	108	18	N.D.
19) Bis(2-chloroisopropyl)ethe	6.82	45	490	N.D.
20) 3 & 4-Methylphenol	7.11	108	34	N.D.
21) Acetophenone	7.08	105	137	N.D.
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.
23) Hexachloroethane	7.14	117	15	N.D.
26) Nitrobenzene	7.23	77	237	N.D.
27) Isophorone	0.00	82	0	N.D.
28) 2-Nitrophenol	7.68	139	25	N.D.

(#) = qualifier out of range (m) = manual integration
Z1122011.D Z8270M.M Mon Nov 27 09:53:06 2006

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122011.D Vial: 9
Acq On : 22 Nov 2006 18:29 Operator: AP
Sample : JPL23-020 MW-18-3 Inst : Zooey
Misc : 5970Z 1000ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:53 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.71	107	29	N.D.	
30)	bis(2-Chloroethoxy)methane	7.86	93	121	N.D.	
31)	Benzoic acid	8.00	105	183	Below Cal	91
32)	2,4-Dichlorophenol	7.94	162	13	N.D.	
33)	1,2,4-Trichlorobenzene	8.09	180	17	N.D.	
34)	Naphthalene	8.05	128	19	N.D.	
35)	4-Chloroaniline	0.00	127	0	N.D.	
36)	Hexachlorobutadiene	8.27	225	14	N.D.	
37)	Caprolactam	8.76	113	20	N.D.	
38)	4-Chloro-3-methylphenol	8.88	107	106	N.D.	
39)	2-Methylnaphthalene	9.03	142	13	N.D.	
41)	1-Methylnaphthalene	9.17	142	29	N.D.	
42)	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
43)	1,2,4,5-Tetrachlorobenzene	0.00	216	0	N.D.	
44)	2,4,6-Trichlorophenol	9.49	196	20	N.D.	
45)	2,4,5-Trichlorophenol	9.49	196	20	N.D.	
47)	1,1'-Biphenyl	9.67	154	525	N.D.	
48)	2-Chloronaphthalene	9.62	162	17	N.D.	
49)	2-Nitroaniline	9.85	65	29	N.D.	
50)	Dimethylphthalate	10.12	163	15	N.D.	
51)	1,4-Dinitrobenzene	10.09	168	13	N.D.	
52)	1,3-Dinitrobenzene	10.09	168	13	N.D.	
53)	2,6-Dinitrotoluene	10.23	165	87	N.D.	
54)	Acenaphthylene	10.18	152	35	N.D.	
55)	1,2-Dinitrobenzene	10.34	168	19	N.D.	
56)	3-Nitroaniline	10.41	138	13	N.D.	
57)	Acenaphthene	10.46	153	13	N.D.	
58)	2,4-Dinitrophenol	10.49	184	10	3.83 ng/ul#	1
59)	4-Nitrophenol	10.70	109	18	1.58 ng/uL#	6
60)	Dibenzofuran	10.72	168	21	N.D.	
61)	2,4-Dinitrotoluene	10.67	165	14	N.D.	
62)	2,3,5,6-tetrachlorophenol	0.00	232	0	N.D.	
63)	2,3,4,6-tetrachlorophenol	0.00	232	0	N.D.	
64)	Diethylphthalate	11.05	149	929	N.D.	
65)	Fluorene	11.14	166	32	N.D.	
66)	4-Chlorophenyl-phenylether	11.17	204	14	N.D.	
67)	4-Nitroaniline	11.25	138	13	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.32	198	15	N.D.	
70)	N-nitrosodiphenylamine	0.00	169	0	N.D.	
71)	1,2-Diphenylhydrazine	11.35	77	183	N.D.	
73)	4-Bromophenyl-phenylether	11.72	248	36	N.D.	
74)	Hexachlorobenzene	11.94	284	9	N.D.	
75)	Atrazine	11.97	200	30	N.D.	
76)	Pentachlorophenol	12.29	266	17	N.D.	
77)	Phenanthrene	12.46	178	33	N.D.	
78)	Anthracene	12.46	178	33	N.D.	
79)	Carbazole	12.67	167	113	N.D.	
80)	Di-n-butylphthalate	13.17	149	1017	N.D.	
81)	Fluoranthene	14.02	202	13	N.D.	
83)	Benzidine	14.10	184	14	3.97 ng/ul	67
84)	Pyrene	14.37	202	39	N.D.	
86)	Butylbenzylphthalate	15.43	149	195	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	492	N.D.	
88)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
89)	Benzo[a]anthracene	16.49	228	412	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122011.D Vial: 9
Acq On : 22 Nov 2006 18:29 Operator: AP
Sample : JPL23-020 MW-18-3 Inst : Zooey
Misc : 5970Z 1000ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:53 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.59	149	1771	N.D.	
91)	Chrysene	16.49	228	412	N.D.	
93)	Di-n-octylphthalate	17.98	149	106	N.D.	
94)	Benzo[b]fluoranthene	18.94	252	19	N.D.	
95)	Benzo[k]fluoranthene	18.98	252	42	N.D.	
96)	Benzo[a]pyrene	19.70	252	39	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.50	276	13	N.D.	
98)	Dibenz[a,h]anthracene	22.53	278	13	N.D.	
99)	Benzo[g,h,i]perylene	0.00	276	0	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-1

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

SDG No.: JPL23 Run Sequence: R012883

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-021

Sample wt/vol: 960.0 (g/mL) mL Lab File ID: Z1122014.D

Level: (LOW/MED) _____ Date Collected: 11/14/2006

% Moisture: _____ Decanted: (Y/N) N Date Extracted: 11/17/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/22/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: <2 Extraction: (Type) CONT

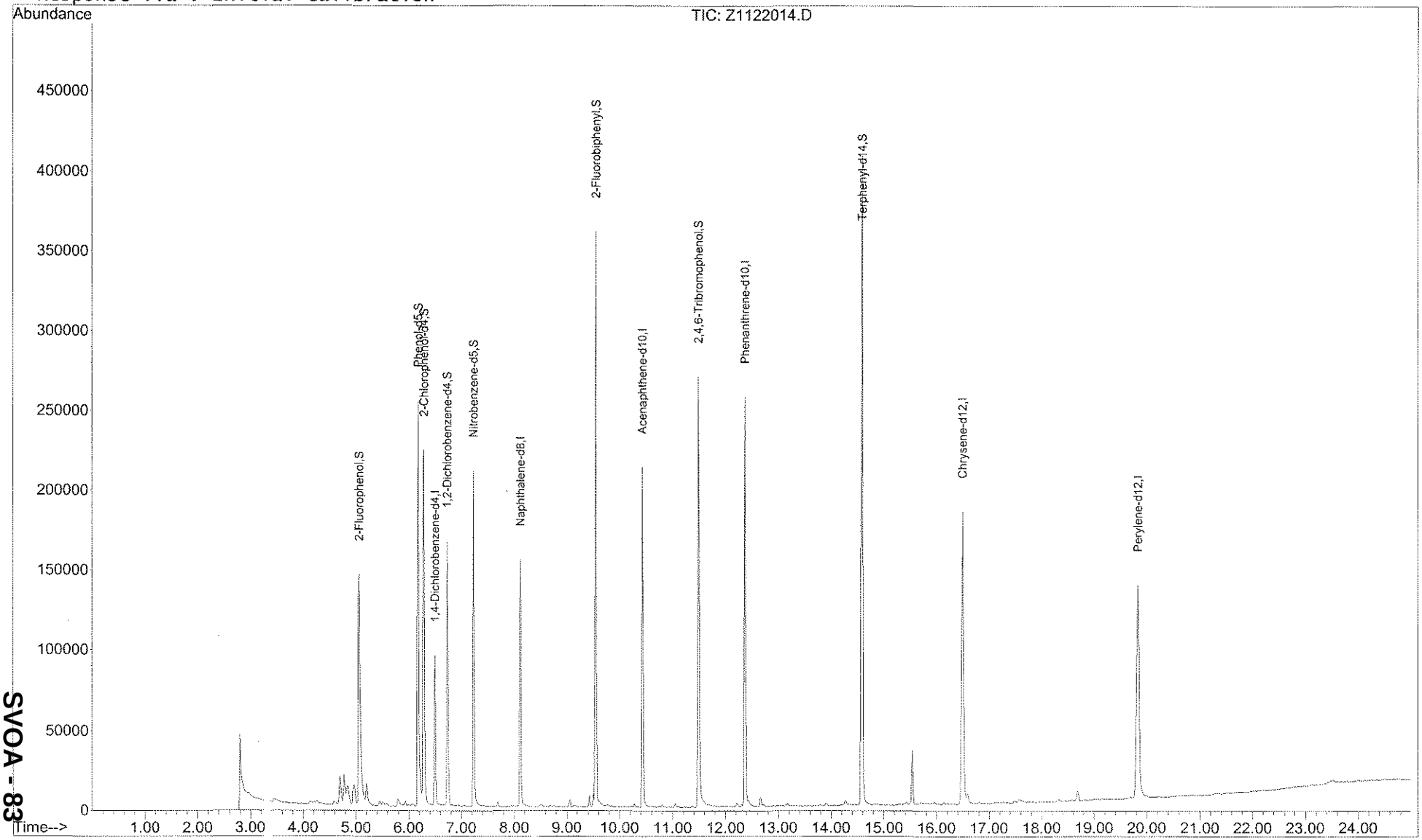
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.6	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122014.D Vial: 12
Acq On : 22 Nov 2006 20:16 Operator: AP
Sample : JPL23-021 MW-18-1 Inst : Zooey
Misc : 5970Z 960ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:54 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration



SVOA - 83

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122014.D Vial: 12
Acq On : 22 Nov 2006 20:16 Operator: AP
Sample : JPL23-021 MW-18-1 Inst : Zooey
Misc : 5970Z 960ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:54 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) 1,4-Dichlorobenzene-d4	6.50	152	28909	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	120770	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.43	164	75816	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.37	188	152019	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.49	240	145654	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.83	264	134746	20.00	ng/ul	0.00 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	103108	60.48	ng/ul	0.00
Spiked Amount 75.000	Range 20 - 110		Recovery = 80.64%			
7) Phenol-d5	6.18	99	149089	64.49	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 85.99%			
11) 2-Chlorophenol-d4	6.29	132	127209	62.46	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 83.28%			
15) 1,2-Dichlorobenzene-d4	6.73	152	39111	31.79	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 63.58%			
25) Nitrobenzene-d5	7.23	82	89927	40.67	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 81.34%			
46) 2-Fluorobiphenyl	9.55	172	172150	36.68	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 73.36%			
72) 2,4,6-Tribromophenol	11.49	330	55972	49.87	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 66.49%			
85) Terphenyl-d14	14.58	244	257374	37.12	ng/ul	0.01
Spiked Amount 50.000	Range 50 - 135		Recovery = 74.24%			

Target Compounds				Qvalue
2) 1,4-Dioxane	3.12	88	108	N.D.
3) N-nitrosodimethylamine	3.45	74	32	N.D.
4) Pyridine	3.42	79	16	N.D.
6) Benzaldehyde	6.01	77	569	N.D.
8) Phenol	6.18	94	348	N.D.
9) Aniline	6.15	93	102	N.D.
10) Bis(2-Chloroethyl)ether	6.29	93	276	N.D.
12) 2-Chlorophenol	6.29	128	23	N.D.
13) 1,3-Dichlorobenzene	6.47	146	24	N.D.
14) 1,4-Dichlorobenzene	6.47	146	24	N.D.
16) Benzyl alcohol	6.73	108	327	N.D.
17) 1,2-Dichlorobenzene	0.00	146	0	N.D.
18) 2-Methylphenol	6.91	108	15	N.D.
19) Bis(2-chloroisopropyl)ethe	6.96	45	100	N.D.
20) 3 & 4-Methylphenol	7.09	108	19	N.D.
21) Acetophenone	7.08	105	178	N.D.
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.
23) Hexachloroethane	7.18	117	14	N.D.
26) Nitrobenzene	7.23	77	348	N.D.
27) Isophorone	7.59	82	102	N.D.
28) 2-Nitrophenol	7.68	139	13	N.D.

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122014.D Vial: 12
Acq On : 22 Nov 2006 20:16 Operator: AP
Sample : JPL23-021 MW-18-1 Inst : Zooey
Misc : 5970Z 960ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:54 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.77	107	28	N.D.	
30)	bis(2-Chloroethoxy)methane	7.77	93	38	N.D.	
31)	Benzoic acid	8.05	105	473	Below Cal #	75
32)	2,4-Dichlorophenol	7.96	162	14	N.D.	
33)	1,2,4-Trichlorobenzene	8.11	180	11	N.D.	
34)	Naphthalene	8.26	128	13	N.D.	
35)	4-Chloroaniline	8.24	127	36	N.D.	
36)	Hexachlorobutadiene	8.43	225	14	N.D.	
37)	Caprolactam	8.84	113	26	N.D.	
38)	4-Chloro-3-methylphenol	8.94	107	51	N.D.	
39)	2-Methylnaphthalene	9.09	142	61	N.D.	
41)	1-Methylnaphthalene	9.20	142	15	N.D.	
42)	Hexachlorocyclopentadiene	9.41	237	11	1.02 ng/ul#	30
43)	1,2,4,5-Tetrachlorobenzene	9.34	216	12	N.D.	
44)	2,4,6-Trichlorophenol	9.35	196	15	N.D.	
45)	2,4,5-Trichlorophenol	9.61	196	14	N.D.	
47)	1,1'-Biphenyl	9.67	154	555	N.D.	
48)	2-Chloronaphthalene	9.64	162	14	N.D.	
49)	2-Nitroaniline	9.84	65	87	N.D.	
50)	Dimethylphthalate	10.14	163	14	N.D.	
51)	1,4-Dinitrobenzene	10.08	168	19	N.D.	
52)	1,3-Dinitrobenzene	10.14	168	15	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.23	152	17	N.D.	
55)	1,2-Dinitrobenzene	10.34	168	23	N.D.	
56)	3-Nitroaniline	10.38	138	13	N.D.	
57)	Acenaphthene	10.43	153	47	N.D.	
58)	2,4-Dinitrophenol	0.00	184	0	N.D.	
59)	4-Nitrophenol	10.69	109	12	1.56 ng/uL#	15
60)	Dibenzofuran	10.79	168	34	N.D.	
61)	2,4-Dinitrotoluene	10.72	165	50	N.D.	
62)	2,3,5,6-tetrachlorophenol	0.00	232	0	N.D.	
63)	2,3,4,6-tetrachlorophenol	11.03	232	27	N.D.	
64)	Diethylphthalate	11.05	149	1093	N.D.	
65)	Fluorene	11.14	166	11	N.D.	
66)	4-Chlorophenyl-phenylether	11.05	204	13	N.D.	
67)	4-Nitroaniline	11.25	138	13	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.23	198	15	N.D.	
70)	N-nitrosodiphenylamine	0.00	169	0	N.D.	
71)	1,2-Diphenylhydrazine	11.38	77	197	N.D.	
73)	4-Bromophenyl-phenylether	11.75	248	13	N.D.	
74)	Hexachlorobenzene	0.00	284	0	N.D.	
75)	Atrazine	12.00	200	10	N.D.	
76)	Pentachlorophenol	12.07	266	15	N.D.	
77)	Phenanthrene	12.44	178	25	N.D.	
78)	Anthracene	12.44	178	25	N.D.	
79)	Carbazole	12.67	167	187	N.D.	
80)	Di-n-butylphthalate	13.17	149	1282	N.D.	
81)	Fluoranthene	14.07	202	15	N.D.	
83)	Benzidine	14.14	184	16	3.97 ng/ul	67
84)	Pyrene	14.37	202	79	N.D.	
86)	Butylbenzylphthalate	15.36	149	33	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	9792	1.68 ng/ul	97
88)	3,3'-Dichlorobenzidine	16.42	252	12	N.D.	
89)	Benzo[a]anthracene	16.49	228	425	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122014.D Vial: 12
Acq On : 22 Nov 2006 20:16 Operator: AP
Sample : JPL23-021 MW-18-1 Inst : Zooey
Misc : 5970Z 960ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:54 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.59	149	2472	N.D.	
91)	Chrysene	16.49	228	425	N.D.	
93)	Di-n-octylphthalate	17.98	149	541	N.D.	
94)	Benzo[b]fluoranthene	18.94	252	34	N.D.	
95)	Benzo[k]fluoranthene	19.00	252	45	N.D.	
96)	Benzo[a]pyrene	19.65	252	23	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.55	276	14	N.D.	
98)	Dibenz[a,h]anthracene	22.43	278	11	N.D.	
99)	Benzo[g,h,i]perylene	23.23	276	15	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-14-11/14/06

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

SDG No.: JPL23 Run Sequence: R012883

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-022

Sample wt/vol: 1030.0 (g/mL) mL Lab File ID: Z1122015.D

Level: (LOW/MED) Date Collected: 11/14/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/17/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/22/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: <2 Extraction: (Type) CONT

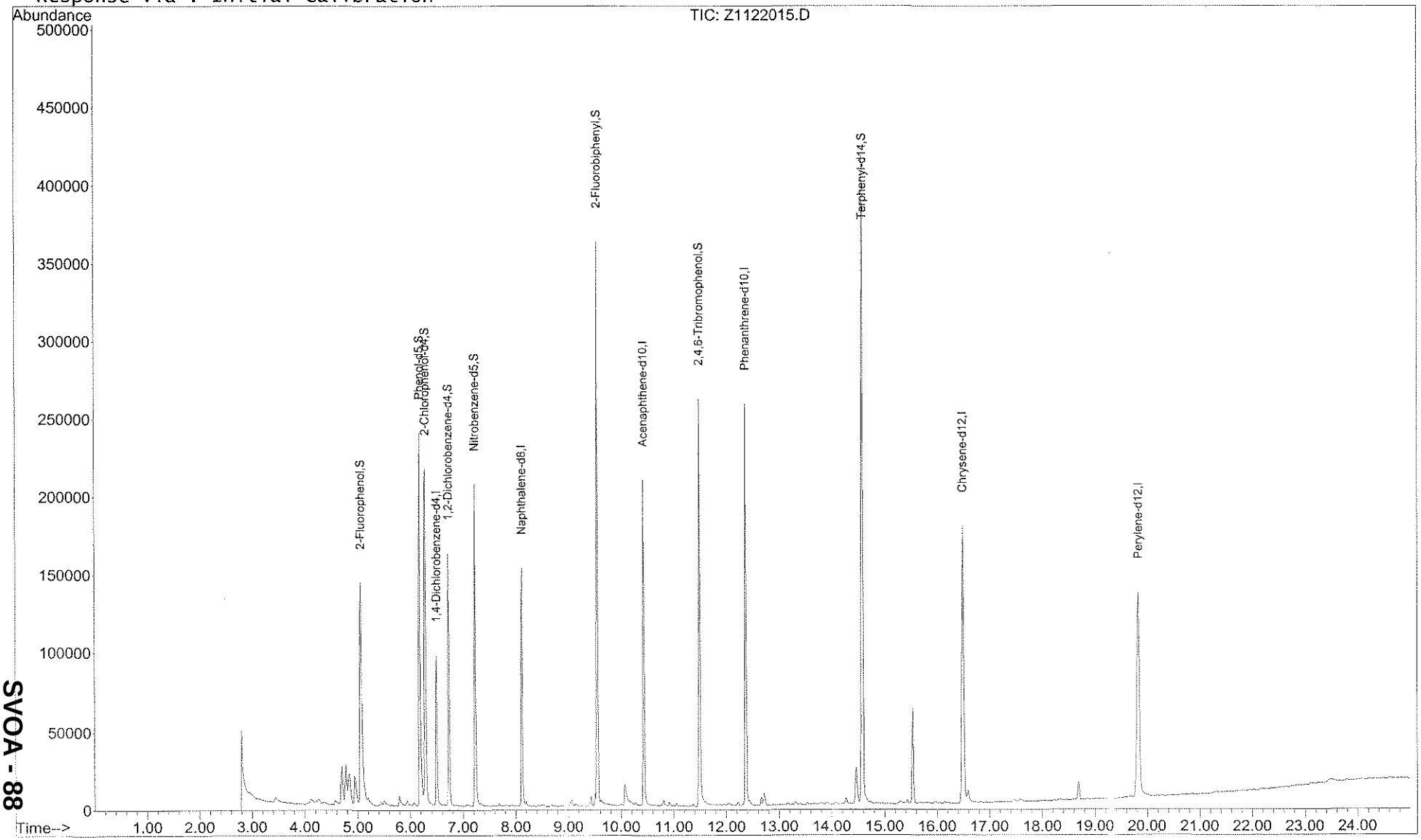
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122015.D Vial: 13
Acq On : 22 Nov 2006 20:51 Operator: AP
Sample : JPL23-022 EB14-11/14/06 Inst : Zooey
Misc : 5970Z 1030ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:54 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration



SVOA - 88

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122015.D Vial: 13
Acq On : 22 Nov 2006 20:51 Operator: AP
Sample : JPL23-022 EB14-11/14/06 Inst : Zooey
Misc : 5970Z 1030ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:54 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) 1,4-Dichlorobenzene-d4	6.50	152	28917	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	118674	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.43	164	73011	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.37	188	148182	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.49	240	140498	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.83	264	131898	20.00	ng/ul	0.00 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	97405	57.11	ng/ul	0.00
Spiked Amount 75.000	Range 20 - 110		Recovery = 76.15%			
7) Phenol-d5	6.18	99	142252	61.52	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 82.03%			
11) 2-Chlorophenol-d4	6.29	132	122029	59.90	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 79.87%			
15) 1,2-Dichlorobenzene-d4	6.73	152	38253	31.08	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 62.16%			
25) Nitrobenzene-d5	7.23	82	87248	40.16	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 80.32%			
46) 2-Fluorobiphenyl	9.55	172	166905	36.93	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 73.86%			
72) 2,4,6-Tribromophenol	11.49	330	52813	48.28	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 64.37%			
85) Terphenyl-d14	14.58	244	264000	39.47	ng/ul	0.01
Spiked Amount 50.000	Range 50 - 135		Recovery = 78.94%			
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	145	N.D.		
3) N-nitrosodimethylamine	3.44	74	122	N.D.		
4) Pyridine	3.44	79	82	N.D.		
6) Benzaldehyde	6.01	77	255	N.D.		
8) Phenol	6.20	94	319	N.D.		
9) Aniline	6.20	93	61	N.D.		
10) Bis(2-Chloroethyl)ether	6.20	93	61	N.D.		
12) 2-Chlorophenol	6.32	128	16	N.D.		
13) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
14) 1,4-Dichlorobenzene	6.68	146	10	N.D.		
16) Benzyl alcohol	6.73	108	257	N.D.		
17) 1,2-Dichlorobenzene	6.74	146	45	N.D.		
18) 2-Methylphenol	6.91	108	14	N.D.		
19) Bis(2-chloroisopropyl)ethe	6.95	45	433	N.D.		
20) 3 & 4-Methylphenol	7.09	108	17	N.D.		
21) Acetophenone	7.06	105	287	N.D.		
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
23) Hexachloroethane	7.14	117	46	N.D.		
26) Nitrobenzene	7.23	77	477	N.D.		
27) Isophorone	0.00	82	0	N.D.		
28) 2-Nitrophenol	7.80	139	14	N.D.		

(#) = qualifier out of range (m) = manual integration
Z1122015.D Z8270M.M Mon Nov 27 09:54:11 2006

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122015.D Vial: 13
Acq On : 22 Nov 2006 20:51 Operator: AP
Sample : JPL23-022 EB14-11/14/06 Inst : Zooey
Misc : 5970Z 1030ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:54 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.79	107	39	N.D.	
30)	bis(2-Chloroethoxy)methane	7.80	93	15	N.D.	
31)	Benzoic acid	8.00	105	402	Below Cal #	77
32)	2,4-Dichlorophenol	8.06	162	17	N.D.	
33)	1,2,4-Trichlorobenzene	7.97	180	9	N.D.	
34)	Naphthalene	8.15	128	113	N.D.	
35)	4-Chloroaniline	8.29	127	16	N.D.	
36)	Hexachlorobutadiene	0.00	225	0	N.D.	
37)	Caprolactam	8.76	113	35	N.D.	
38)	4-Chloro-3-methylphenol	8.96	107	69	N.D.	
39)	2-Methylnaphthalene	9.06	142	28	N.D.	
41)	1-Methylnaphthalene	9.12	142	12	N.D.	
42)	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
43)	1,2,4,5-Tetrachlorobenzene	0.00	216	0	N.D.	
44)	2,4,6-Trichlorophenol	0.00	196	0	N.D.	
45)	2,4,5-Trichlorophenol	9.55	196	12	N.D.	
47)	1,1'-Biphenyl	9.67	154	547	N.D.	
48)	2-Chloronaphthalene	9.71	162	16	N.D.	
49)	2-Nitroaniline	9.90	65	147	N.D.	
50)	Dimethylphthalate	10.15	163	13	N.D.	
51)	1,4-Dinitrobenzene	0.00	168	0	N.D.	
52)	1,3-Dinitrobenzene	10.18	168	18	N.D.	
53)	2,6-Dinitrotoluene	10.22	165	61	N.D.	
54)	Acenaphthylene	10.20	152	55	N.D.	
55)	1,2-Dinitrobenzene	10.35	168	45	N.D.	
56)	3-Nitroaniline	10.29	138	14	N.D.	
57)	Acenaphthene	10.40	153	57	N.D.	
58)	2,4-Dinitrophenol	10.52	184	10	3.83 ng/ul#	1
59)	4-Nitrophenol	10.64	109	29	1.59 ng/uL#	1
60)	Dibenzofuran	10.70	168	59	N.D.	
61)	2,4-Dinitrotoluene	10.72	165	84	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.75	232	13	N.D.	
63)	2,3,4,6-tetrachlorophenol	10.99	232	14	N.D.	
64)	Diethylphthalate	11.05	149	983	N.D.	
65)	Fluorene	11.08	166	13	N.D.	
66)	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
67)	4-Nitroaniline	11.16	138	19	N.D.	
69)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
70)	N-nitrosodiphenylamine	0.00	169	0	N.D.	
71)	1,2-Diphenylhydrazine	11.31	77	105	N.D.	
73)	4-Bromophenyl-phenylether	11.72	248	42	N.D.	
74)	Hexachlorobenzene	0.00	284	0	N.D.	
75)	Atrazine	12.05	200	16	N.D.	
76)	Pentachlorophenol	0.00	266	0	N.D.	
77)	Phenanthrene	12.44	178	16	N.D.	
78)	Anthracene	12.44	178	16	N.D.	
79)	Carbazole	12.67	167	189	N.D.	
80)	Di-n-butylphthalate	13.17	149	1206	N.D.	
81)	Fluoranthene	13.95	202	25	N.D.	
83)	Benzidine	14.16	184	17	3.97 ng/ul	67
84)	Pyrene	14.36	202	41	N.D.	
86)	Butylbenzylphthalate	15.43	149	329	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	18866	3.36 ng/ul	98
88)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
89)	Benzo[a]anthracene	16.49	228	400	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122015.D Vial: 13
Acq On : 22 Nov 2006 20:51 Operator: AP
Sample : JPL23-022 EB14-11/14/06 Inst : Zooey
Misc : 5970Z 1030ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:54 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.60	149	3822	N.D.		
91)	Chrysene	16.49	228	400	N.D.		
93)	Di-n-octylphthalate	17.98	149	500	N.D.		
94)	Benzo[b]fluoranthene	18.92	252	59	N.D.		
95)	Benzo[k]fluoranthene	19.00	252	53	N.D.		
96)	Benzo[a]pyrene	19.70	252	78	N.D.		
97)	Indeno[1,2,3-cd]pyrene	22.53	276	26	N.D.		
98)	Dibenz[a,h]anthracene	22.49	278	15	N.D.		
99)	Benzo[g,h,i]perylene	23.19	276	36	N.D.		

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-5

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

SDG No.: JPL23 Run Sequence: R012883

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-024

Sample wt/vol: 990.0 (g/mL) mL Lab File ID: Z1122016.D

Level: (LOW/MED) _____ Date Collected: 11/15/2006

% Moisture: _____ Decanted: (Y/N) N Date Extracted: 11/17/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/22/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: <2 Extraction: (Type) CONT

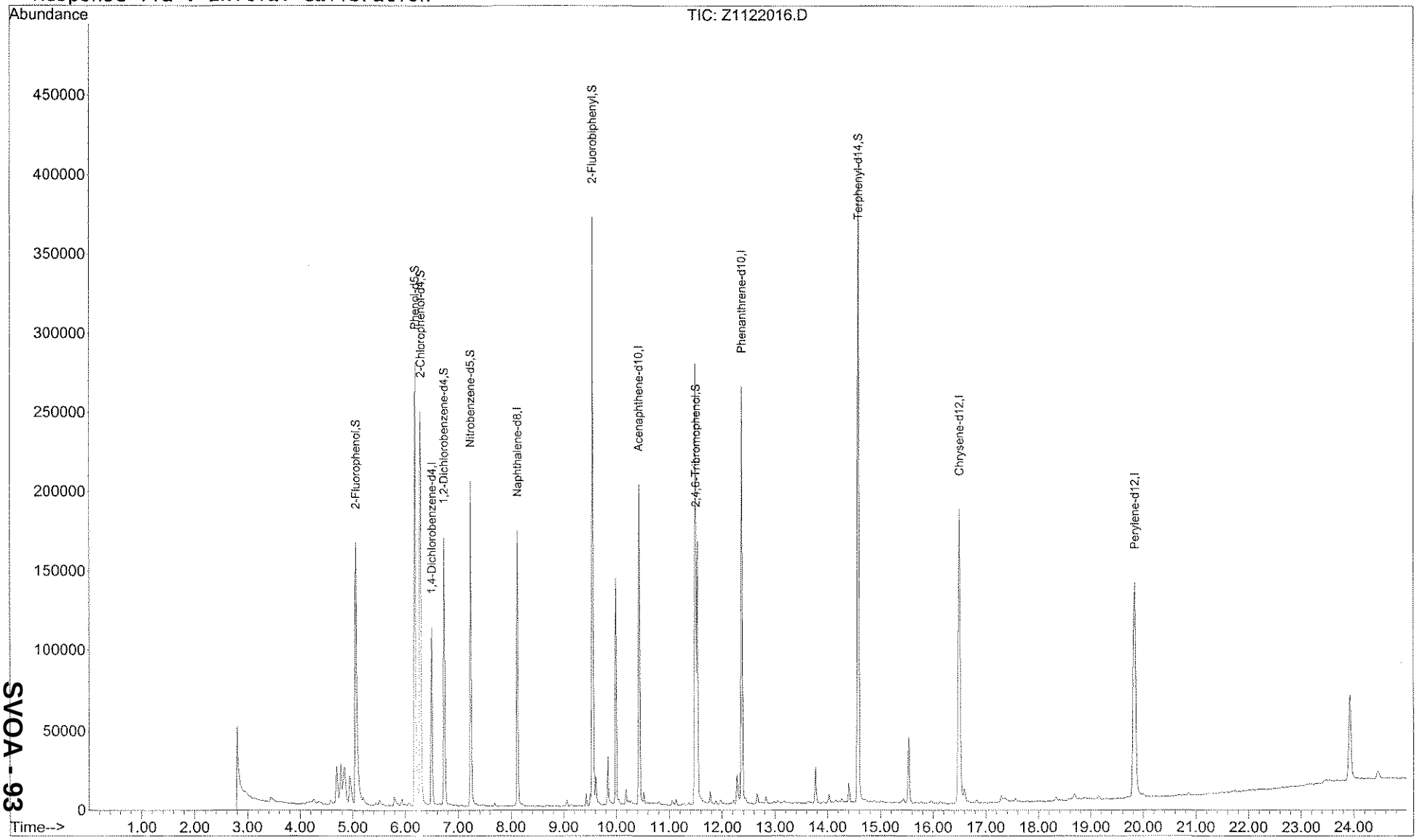
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122016.D Vial: 14
Acq On : 22 Nov 2006 21:27 Operator: AP
Sample : JPL23-024 MW-4-5 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:54 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration



SVOA - 93

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122016.D Vial: 14
Acq On : 22 Nov 2006 21:27 Operator: AP
Sample : JPL23-024 MW-4-5 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:54 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) 1,4-Dichlorobenzene-d4	6.50	152	31185	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	126230	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.43	164	77169	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.37	188	154409	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.50	240	147489	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.83	264	138106	20.00	ng/ul	0.00 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	109898	59.75	ng/ul	0.00
Spiked Amount 75.000	Range 20 - 110		Recovery = 79.67%			
7) Phenol-d5	6.18	99	158015	63.37	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 84.49%			
11) 2-Chlorophenol-d4	6.29	132	134470	61.21	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 81.61%			
15) 1,2-Dichlorobenzene-d4	6.73	152	43426	32.72	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 65.44%			
25) Nitrobenzene-d5	7.23	82	91827	39.74	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 79.48%			
46) 2-Fluorobiphenyl	9.55	172	180578	37.80	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 75.60%			
72) 2,4,6-Tribromophenol	11.50	330	58152	51.01	ng/ul	0.01
Spiked Amount 75.000	Range 40 - 125		Recovery = 68.01%			
85) Terphenyl-d14	14.58	244	259007	36.89	ng/ul	0.01
Spiked Amount 50.000	Range 50 - 135		Recovery = 73.78%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.80	88	1248	1.49	ng/ul#	1
3) N-nitrosodimethylamine	3.45	74	43	N.D.		
4) Pyridine	3.44	79	106	N.D.		
6) Benzaldehyde	5.94	77	83	N.D.		
8) Phenol	6.20	94	270	N.D.		
9) Aniline	6.18	93	106	N.D.		
10) Bis(2-Chloroethyl)ether	6.18	93	106	N.D.		
12) 2-Chlorophenol	6.30	128	39	N.D.		
13) 1,3-Dichlorobenzene	6.45	146	44	N.D.		
14) 1,4-Dichlorobenzene	6.52	146	19	N.D.		
16) Benzyl alcohol	6.73	108	330	N.D.		
17) 1,2-Dichlorobenzene	6.74	146	49	N.D.		
18) 2-Methylphenol	6.79	108	109	N.D.		
19) Bis(2-chloroisopropyl)ethe	6.82	45	579	N.D.		
20) 3 & 4-Methylphenol	7.11	108	35	N.D.		
21) Acetophenone	7.08	105	165	N.D.		
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
23) Hexachloroethane	7.14	117	15	N.D.		
26) Nitrobenzene	7.23	77	540	N.D.		
27) Isophorone	0.00	82	0	N.D.		
28) 2-Nitrophenol	7.68	139	13	N.D.		

11/27/06 JP

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122016.D Vial: 14
Acq On : 22 Nov 2006 21:27 Operator: AP
Sample : JPL23-024 MW-4-5 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:54 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.73	107	45	N.D.	
30)	bis(2-Chloroethoxy)methane	7.85	93	16	N.D.	
31)	Benzoic acid	8.00	105	316	Below Cal #	73
32)	2,4-Dichlorophenol	7.94	162	13	N.D.	
33)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
34)	Naphthalene	8.14	128	97	N.D.	
35)	4-Chloroaniline	8.30	127	17	N.D.	
36)	Hexachlorobutadiene	8.37	225	16	N.D.	
37)	Caprolactam	8.67	113	49	N.D.	
38)	4-Chloro-3-methylphenol	8.91	107	46	N.D.	
39)	2-Methylnaphthalene	9.06	142	22	N.D.	
41)	1-Methylnaphthalene	9.24	142	14	N.D.	
42)	Hexachlorocyclopentadiene	9.34	237	11	1.02 ng/ul#	40
43)	1,2,4,5-Tetrachlorobenzene	9.44	216	12	N.D.	
44)	2,4,6-Trichlorophenol	9.29	196	24	N.D.	
45)	2,4,5-Trichlorophenol	9.55	196	12	N.D.	
47)	1,1'-Biphenyl	9.67	154	698	N.D.	
48)	2-Chloronaphthalene	9.70	162	23	N.D.	
49)	2-Nitroaniline	9.84	65	886	N.D.	
50)	Dimethylphthalate	10.18	163	647	N.D.	
51)	1,4-Dinitrobenzene	9.84	168	81	N.D.	
52)	1,3-Dinitrobenzene	10.18	168	16	N.D.	
53)	2,6-Dinitrotoluene	10.23	165	264	N.D.	
54)	Acenaphthylene	10.20	152	40	N.D.	
55)	1,2-Dinitrobenzene	10.35	168	16	N.D.	
56)	3-Nitroaniline	10.40	138	26	N.D.	
57)	Acenaphthene	10.38	153	29	N.D.	
58)	2,4-Dinitrophenol	10.69	184	30	3.85 ng/ul#	1
59)	4-Nitrophenol	10.67	109	15	1.57 ng/uL#	1
60)	Dibenzofuran	10.64	168	15	N.D.	
61)	2,4-Dinitrotoluene	10.70	165	50	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.93	232	13	N.D.	
63)	2,3,4,6-tetrachlorophenol	10.93	232	13	N.D.	
64)	Diethylphthalate	11.05	149	1216	N.D.	
65)	Fluorene	11.02	166	21	N.D.	
66)	4-Chlorophenyl-phenylether	11.11	204	15	N.D.	
67)	4-Nitroaniline	11.23	138	14	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.32	198	13	N.D.	
70)	N-nitrosodiphenylamine	0.00	169	0	N.D.	
71)	1,2-Diphenylhydrazine	11.38	77	95	N.D.	
73)	4-Bromophenyl-phenylether	11.76	248	15	N.D.	
74)	Hexachlorobenzene	0.00	284	0	N.D.	
75)	Atrazine	12.11	200	16	N.D.	
76)	Pentachlorophenol	0.00	266	0	N.D.	
77)	Phenanthrene	12.45	178	36	N.D.	
78)	Anthracene	12.45	178	36	N.D.	
79)	Carbazole	12.66	167	127	N.D.	
80)	Di-n-butylphthalate	13.17	149	1277	N.D.	
81)	Fluoranthene	14.01	202	39	N.D.	
83)	Benzidine	14.22	184	15	3.97 ng/ul	67
84)	Pyrene	14.13	202	16	N.D.	
86)	Butylbenzylphthalate	15.54	149	117	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	13342	2.26 ng/ul	97
88)	3,3'-Dichlorobenzidine	16.56	252	12	N.D.	
89)	Benzo[a]anthracene	16.50	228	453	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122016.D Vial: 14
Acq On : 22 Nov 2006 21:27 Operator: AP
Sample : JPL23-024 MW-4-5 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:54 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.59	149	3833	N.D.	
91)	Chrysene	16.50	228	453	N.D.	
93)	Di-n-octylphthalate	17.98	149	874	N.D.	
94)	Benzo[b]fluoranthene	18.94	252	56	N.D.	
95)	Benzo[k]fluoranthene	18.94	252	56	N.D.	
96)	Benzo[a]pyrene	19.85	252	555	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.42	276	15	N.D.	
98)	Dibenz[a,h]anthracene	22.58	278	13	N.D.	
99)	Benzo[g,h,i]perylene	0.00	276	0	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-1

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

SDG No.: JPL23 Run Sequence: R012883

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-025

Sample wt/vol: 1020.0 (g/mL) mL Lab File ID: Z1122017.D

Level: (LOW/MED) _____ Date Collected: 11/15/2006

% Moisture: _____ Decanted: (Y/N) N Date Extracted: 11/17/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/22/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: <2 Extraction: (Type) CONT

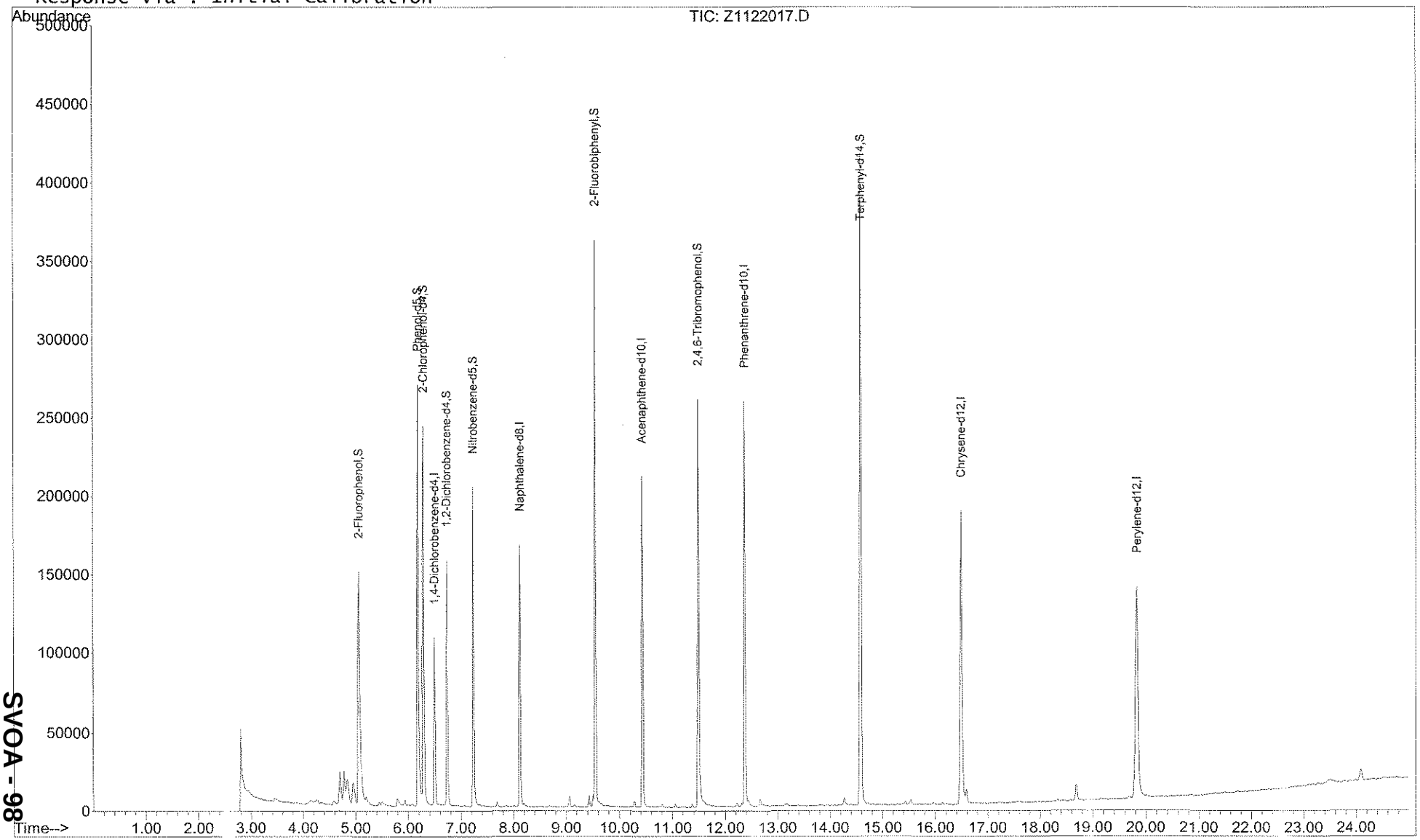
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122017.D Vial: 15
Acq On : 22 Nov 2006 22:02 Operator: AP
Sample : JPL23-025 MW-3-1 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:54 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration



SVOA-98

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122017.D Vial: 15
Acq On : 22 Nov 2006 22:02 Operator: AP
Sample : JPL23-025 MW-3-1 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:54 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) 1,4-Dichlorobenzene-d4	6.50	152	30807	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	126096	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.43	164	76591	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.37	188	154008	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.49	240	146482	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.83	264	135468	20.00	ng/ul	0.00 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	103070	56.73	ng/ul	0.00
Spiked Amount 75.000	Range 20 - 110		Recovery = 75.64%			
7) Phenol-d5	6.18	99	152649	61.96	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 82.61%			
11) 2-Chlorophenol-d4	6.29	132	130709	60.22	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 80.29%			
15) 1,2-Dichlorobenzene-d4	6.73	152	40693	31.04	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 62.08%			
25) Nitrobenzene-d5	7.23	82	90234	39.09	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 78.18%			
46) 2-Fluorobiphenyl	9.55	172	171487	36.17	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 72.34%			
72) 2,4,6-Tribromophenol	11.49	330	53119	46.72	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 62.29%			
85) Terphenyl-d14	14.58	244	262598	37.66	ng/ul	0.01
Spiked Amount 50.000	Range 50 - 135		Recovery = 75.32%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.80	88	1744	2.10	ng/ul#	1
3) N-nitrosodimethylamine	3.50	74	15	N.D.		
4) Pyridine	3.48	79	66	N.D.		
6) Benzaldehyde	6.01	77	395	N.D.		
8) Phenol	6.20	94	261	N.D.		
9) Aniline	6.05	93	14	N.D.		
10) Bis(2-Chloroethyl)ether	6.29	93	196	N.D.		
12) 2-Chlorophenol	6.29	128	52	N.D.		
13) 1,3-Dichlorobenzene	6.45	146	20	N.D.		
14) 1,4-Dichlorobenzene	6.52	146	16	N.D.		
16) Benzyl alcohol	6.73	108	329	N.D.		
17) 1,2-Dichlorobenzene	6.74	146	21	N.D.		
18) 2-Methylphenol	7.05	108	12	N.D.		
19) Bis(2-chloroisopropyl)ethe	6.82	45	373	N.D.		
20) 3 & 4-Methylphenol	7.05	108	12	N.D.		
21) Acetophenone	7.08	105	110	N.D.		
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
23) Hexachloroethane	7.08	117	39	N.D.		
26) Nitrobenzene	7.23	77	497	N.D.		
27) Isophorone	7.62	82	141	N.D.		
28) 2-Nitrophenol	7.68	139	15	N.D.		

11/27/06

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122017.D Vial: 15
Acq On : 22 Nov 2006 22:02 Operator: AP
Sample : JPL23-025 MW-3-1 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:54 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29) 2,4-Dimethylphenol	7.68	107	20	N.D.	
30) bis(2-Chloroethoxy)methane	7.82	93	25	N.D.	
31) Benzoic acid	7.99	105	234	Below Cal #	81
32) 2,4-Dichlorophenol	7.96	162	20	N.D.	
33) 1,2,4-Trichlorobenzene	8.09	180	26	N.D.	
34) Naphthalene	8.12	128	113	N.D.	
35) 4-Chloroaniline	8.21	127	23	N.D.	
36) Hexachlorobutadiene	8.23	225	14	N.D.	
37) Caprolactam	8.84	113	58	N.D.	
38) 4-Chloro-3-methylphenol	8.99	107	19	N.D.	
39) 2-Methylnaphthalene	9.02	142	18	N.D.	
41) 1-Methylnaphthalene	9.20	142	15	N.D.	
42) Hexachlorocyclopentadiene	9.26	237	16	1.03 ng/ul#	30
43) 1,2,4,5-Tetrachlorobenzene	9.12	216	12	N.D.	
44) 2,4,6-Trichlorophenol	9.53	196	13	N.D.	
45) 2,4,5-Trichlorophenol	9.53	196	13	N.D.	
47) 1,1'-Biphenyl	9.67	154	602	N.D.	
48) 2-Chloronaphthalene	9.64	162	39	N.D.	
49) 2-Nitroaniline	9.90	65	18	N.D.	
50) Dimethylphthalate	10.15	163	44	N.D.	
51) 1,4-Dinitrobenzene	10.02	168	16	N.D.	
52) 1,3-Dinitrobenzene	10.02	168	16	N.D.	
53) 2,6-Dinitrotoluene	0.00	165	0	N.D.	
54) Acenaphthylene	10.25	152	15	N.D.	
55) 1,2-Dinitrobenzene	10.35	168	13	N.D.	
56) 3-Nitroaniline	10.41	138	14	N.D.	
57) Acenaphthene	10.47	153	29	N.D.	
58) 2,4-Dinitrophenol	10.47	184	29	3.85 ng/ul#	8
59) 4-Nitrophenol	10.67	109	46	1.61 ng/uL#	1
60) Dibenzofuran	10.70	168	16	N.D.	
61) 2,4-Dinitrotoluene	10.72	165	35	N.D.	
62) 2,3,5,6-tetrachlorophenol	10.69	232	15	N.D.	
63) 2,3,4,6-tetrachlorophenol	0.00	232	0	N.D.	
64) Diethylphthalate	11.05	149	1030	N.D.	
65) Fluorene	11.19	166	25	N.D.	
66) 4-Chlorophenyl-phenylether	11.19	204	14	N.D.	
67) 4-Nitroaniline	11.22	138	32	N.D.	
69) 4,6-Dinitro-2-methylphenol	11.32	198	12	N.D.	
70) N-nitrosodiphenylamine	0.00	169	0	N.D.	
71) 1,2-Diphenylhydrazine	11.31	77	96	N.D.	
73) 4-Bromophenyl-phenylether	11.78	248	13	N.D.	
74) Hexachlorobenzene	12.14	284	10	N.D.	
75) Atrazine	12.07	200	12	N.D.	
76) Pentachlorophenol	12.20	266	11	N.D.	
77) Phenanthrene	12.51	178	11	N.D.	
78) Anthracene	12.51	178	11	N.D.	
79) Carbazole	12.67	167	142	N.D.	
80) Di-n-butylphthalate	13.17	149	1385	N.D.	
81) Fluoranthene	13.99	202	13	N.D.	
83) Benzidine	14.14	184	15	3.97 ng/ul	67
84) Pyrene	14.37	202	17	N.D.	
86) Butylbenzylphthalate	15.55	149	190	N.D.	
87) Bis(2-ethylhexyl)adipate	15.54	129	824	N.D.	
88) 3,3'-Dichlorobenzidine	16.28	252	11	N.D.	
89) Benzo[a]anthracene	16.49	228	380	N.D.	

(#) = qualifier out of range (m) = manual integration
Z1122017.D Z8270M.M Mon Nov 27 09:54:46 2006 Page 2

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122017.D Vial: 15
Acq On : 22 Nov 2006 22:02 Operator: AP
Sample : JPL23-025 MW-3-1 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:54 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.60	149	3830	N.D.	
91)	Chrysene	16.49	228	380	N.D.	
93)	Di-n-octylphthalate	17.97	149	429	N.D.	
94)	Benzo[b]fluoranthene	19.00	252	55	N.D.	
95)	Benzo[k]fluoranthene	19.00	252	55	N.D.	
96)	Benzo[a]pyrene	19.82	252	538	N.D.	
97)	Indeno[1,2,3-cd]pyrene	0.00	276	0	N.D.	
98)	Dibenz[a,h]anthracene	22.43	278	16	N.D.	
99)	Benzo[g,h,i]perylene	23.16	276	14	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-10-11/8/06

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

SDG No.: JPL23 Run Sequence: R012883

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-026

Sample wt/vol: 1030.0 (g/mL) mL Lab File ID: Z1122020.D

Level: (LOW/MED) Date Collected: 11/15/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/17/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/22/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: <2 Extraction: (Type) CONT

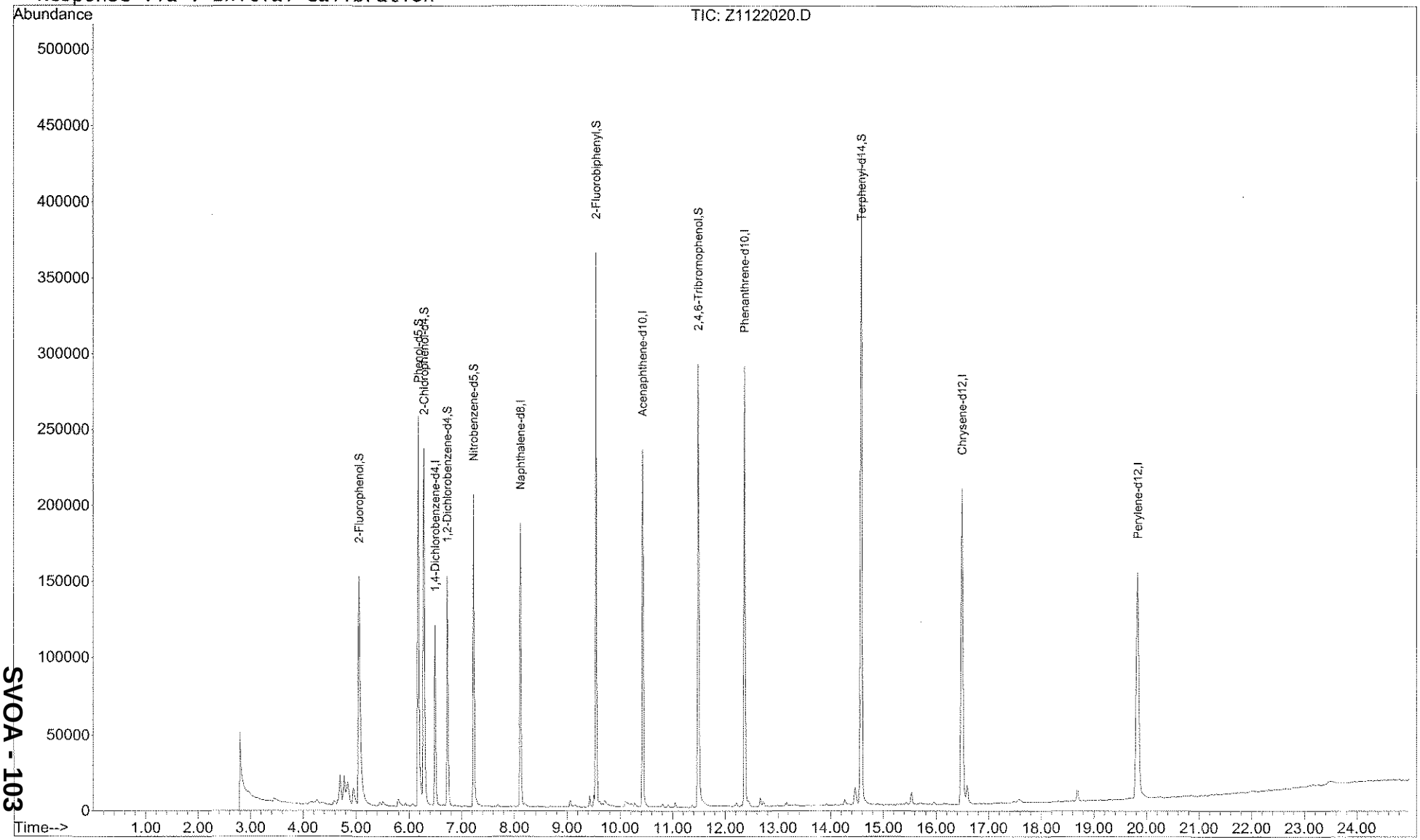
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122020.D Vial: 18
Acq On : 22 Nov 2006 23:47 Operator: AP
Sample : JPL23-026 EB10-11/8/06 Inst : Zooey
Misc : 5970Z 1030ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:55 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration



SVOA - 103

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122020.D Vial: 18
Acq On : 22 Nov 2006 23:47 Operator: AP
Sample : JPL23-026 EB10-11/8/06 Inst : Zooey
Misc : 5970Z 1030ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:55 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M
IS QA File : 50 level for IS QA unknown. No recoveries calculated.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) 1,4-Dichlorobenzene-d4	6.50	152	33577	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	138858	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.43	164	85930	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.37	188	169032	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.50	240	161395	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.83	264	149300	20.00	ng/ul	0.00 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	103604	52.32	ng/ul	0.00
Spiked Amount 75.000	Range 20 - 110		Recovery = 69.76%			
7) Phenol-d5	6.18	99	151089	56.27	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 75.03%			
11) 2-Chlorophenol-d4	6.29	132	128680	54.40	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 72.53%			
15) 1,2-Dichlorobenzene-d4	6.73	152	38525	26.96	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 53.92%			
25) Nitrobenzene-d5	7.23	82	89453	35.19	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 70.38%			
46) 2-Fluorobiphenyl	9.55	172	168406	31.66	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 63.32%			
72) 2,4,6-Tribromophenol	11.49	330	59070	47.33	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 63.11%			
85) Terphenyl-d14	14.58	244	273506	35.60	ng/ul	0.01
Spiked Amount 50.000	Range 50 - 135		Recovery = 71.20%			
Target Compounds						Qvalue
2) 1,4-Dioxane	2.80	88	2061	2.28	ng/ul#	1
3) N-nitrosodimethylamine	3.44	74	35	N.D.		
4) Pyridine	3.44	79	26	N.D.		
6) Benzaldehyde	6.05	77	356	N.D.		
8) Phenol	6.20	94	398	N.D.		
9) Aniline	6.14	93	25	N.D.		
10) Bis(2-Chloroethyl)ether	6.21	93	31	N.D.		
12) 2-Chlorophenol	6.30	128	89	N.D.		
13) 1,3-Dichlorobenzene	6.50	146	24	N.D.		
14) 1,4-Dichlorobenzene	6.50	146	24	N.D.		
16) Benzyl alcohol	6.73	108	334	N.D.		
17) 1,2-Dichlorobenzene	6.74	146	18	N.D.		
18) 2-Methylphenol	6.83	108	17	N.D.		
19) Bis(2-chloroisopropyl)ethe	6.86	45	205	N.D.		
20) 3 & 4-Methylphenol	7.02	108	15	N.D.		
21) Acetophenone	7.06	105	366	N.D.		
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
23) Hexachloroethane	7.11	117	13	N.D.		
26) Nitrobenzene	7.23	77	417	N.D.		
27) Isophorone	7.49	82	310	N.D.		
28) 2-Nitrophenol	0.00	139	0	N.D.		

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

SVOA - 104

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122020.D Vial: 18
Acq On : 22 Nov 2006 23:47 Operator: AP
Sample : JPL23-026 EB10-11/8/06 Inst : Zooey
Misc : 5970Z 1030ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:55 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.68	107	27	N.D.	
30)	bis(2-Chloroethoxy)methane	7.79	93	30	N.D.	
31)	Benzoic acid	7.94	105	72	Below Cal #	49
32)	2,4-Dichlorophenol	8.08	162	15	N.D.	
33)	1,2,4-Trichlorobenzene	8.09	180	21	N.D.	
34)	Naphthalene	8.14	128	244	N.D.	
35)	4-Chloroaniline	8.26	127	15	N.D.	
36)	Hexachlorobutadiene	8.40	225	13	N.D.	
37)	Caprolactam	8.76	113	22	N.D.	
38)	4-Chloro-3-methylphenol	8.91	107	31	N.D.	
39)	2-Methylnaphthalene	9.06	142	60	N.D.	
41)	1-Methylnaphthalene	9.20	142	56	N.D.	
42)	Hexachlorocyclopentadiene	9.49	237	10	1.02 ng/ul#	30
43)	1,2,4,5-Tetrachlorobenzene	9.29	216	14	N.D.	
44)	2,4,6-Trichlorophenol	9.43	196	32	N.D.	
45)	2,4,5-Trichlorophenol	9.68	196	13	N.D.	
47)	1,1'-Biphenyl	9.67	154	626	N.D.	
48)	2-Chloronaphthalene	9.68	162	13	N.D.	
49)	2-Nitroaniline	9.94	65	79	N.D.	
50)	Dimethylphthalate	10.12	163	45	N.D.	
51)	1,4-Dinitrobenzene	9.97	168	13	N.D.	
52)	1,3-Dinitrobenzene	10.12	168	22	N.D.	
53)	2,6-Dinitrotoluene	10.22	165	54	N.D.	
54)	Acenaphthylene	10.25	152	86	N.D.	
55)	1,2-Dinitrobenzene	10.34	168	15	N.D.	
56)	3-Nitroaniline	10.41	138	12	N.D.	
57)	Acenaphthene	10.47	153	58	N.D.	
58)	2,4-Dinitrophenol	0.00	184	0	N.D.	
59)	4-Nitrophenol	10.70	109	76	1.64 ng/uL#	23
60)	Dibenzofuran	10.70	168	87	N.D.	
61)	2,4-Dinitrotoluene	10.81	165	90	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.93	232	13	N.D.	
63)	2,3,4,6-tetrachlorophenol	10.93	232	13	N.D.	
64)	Diethylphthalate	11.05	149	987	N.D.	
65)	Fluorene	11.14	166	63	N.D.	
66)	4-Chlorophenyl-phenylether	11.20	204	27	N.D.	
67)	4-Nitroaniline	11.23	138	33	N.D.	
69)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
70)	N-nitrosodiphenylamine	11.19	169	38	N.D.	
71)	1,2-Diphenylhydrazine	11.40	77	159	N.D.	
73)	4-Bromophenyl-phenylether	11.76	248	24	N.D.	
74)	Hexachlorobenzene	0.00	284	0	N.D.	
75)	Atrazine	0.00	200	0	N.D.	
76)	Pentachlorophenol	12.14	266	9	N.D.	
77)	Phenanthrene	12.28	178	15	N.D.	
78)	Anthracene	12.63	178	14	N.D.	
79)	Carbazole	12.72	167	77	N.D.	
80)	Di-n-butylphthalate	13.17	149	1867	N.D.	
81)	Fluoranthene	14.05	202	85	N.D.	
83)	Benzidine	14.14	184	9	3.97 ng/ul	67
84)	Pyrene	14.37	202	42	N.D.	
86)	Butylbenzylphthalate	15.43	149	426	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	2631	N.D.	
88)	3,3'-Dichlorobenzidine	16.43	252	15	N.D.	
89)	Benzo[a]anthracene	16.50	228	543	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122020.D Vial: 18
Acq On : 22 Nov 2006 23:47 Operator: AP
Sample : JPL23-026 EB10-11/8/06 Inst : Zooey
Misc : 5970Z 1030ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 27 9:55 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Mon Nov 27 09:50:21 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.60	149	5912	N.D.		
91)	Chrysene	16.50	228	543	N.D.		
93)	Di-n-octylphthalate	18.10	149	51	N.D.		
94)	Benzo[b]fluoranthene	18.95	252	70	N.D.		
95)	Benzo[k]fluoranthene	18.95	252	70	N.D.		
96)	Benzo[a]pyrene	19.68	252	42	N.D.		
97)	Indeno[1,2,3-cd]pyrene	22.52	276	12	N.D.		
98)	Dibenz[a,h]anthracene	22.63	278	16	N.D.		
99)	Benzo[g,h,i]perylene	23.14	276	13	N.D.		

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

Sample Results

JPL23

Ordnance by Method 8330

1

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-4

Lab Name: Laucks Testing Laboratories, Contract: JPL Groundwater Monitor

SDG No.: JPL23 Run Sequence: R013315

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-006

Sample wt/vol: 1010.0 (g/mL) mL Lab File ID: FC080619.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/09/2006

Extraction: (Type) SPE Date Extracted: 11/14/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/16/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	1.5	
121-82-4	RDX	0.50	U
99-35-4	1,3,5-Trinitrobenzene	0.50	U
99-65-0	1,3-Dinitrobenzene	0.50	U
98-95-3	Nitrobenzene	0.50	U
479-45-8	Tetryl	0.50	U
118-96-7	2,4,6-Trinitrotoluene	0.50	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.50	U
35572-78-2	2-Amino-4,6-dinitrotoluene	0.50	U
606-20-2	2,6-Dinitrotoluene	0.50	U
121-14-2	2,4-Dinitrotoluene	0.50	U
88-72-2	2-Nitrotoluene	0.50	U
99-99-0	4-Nitrotoluene	0.50	U
99-08-1	3-Nitrotoluene	0.50	U

Comments:

CONFIRMATION SUMMRY WORKSHEET
FOR SINGLE COMPONENT ANALYTES

Client Sample ID

MW-4-4

Lab Name: Laucks Testing Labs, Inc.

Lab Sample ID: JPL23-006

Instrument ID: HPLC5 (Oscar)

Run Sequence ID: R013315

Column (1): Allure C18

Column (2): Synergi - EtPH

File (1): OB1506B.b-OB150628.D

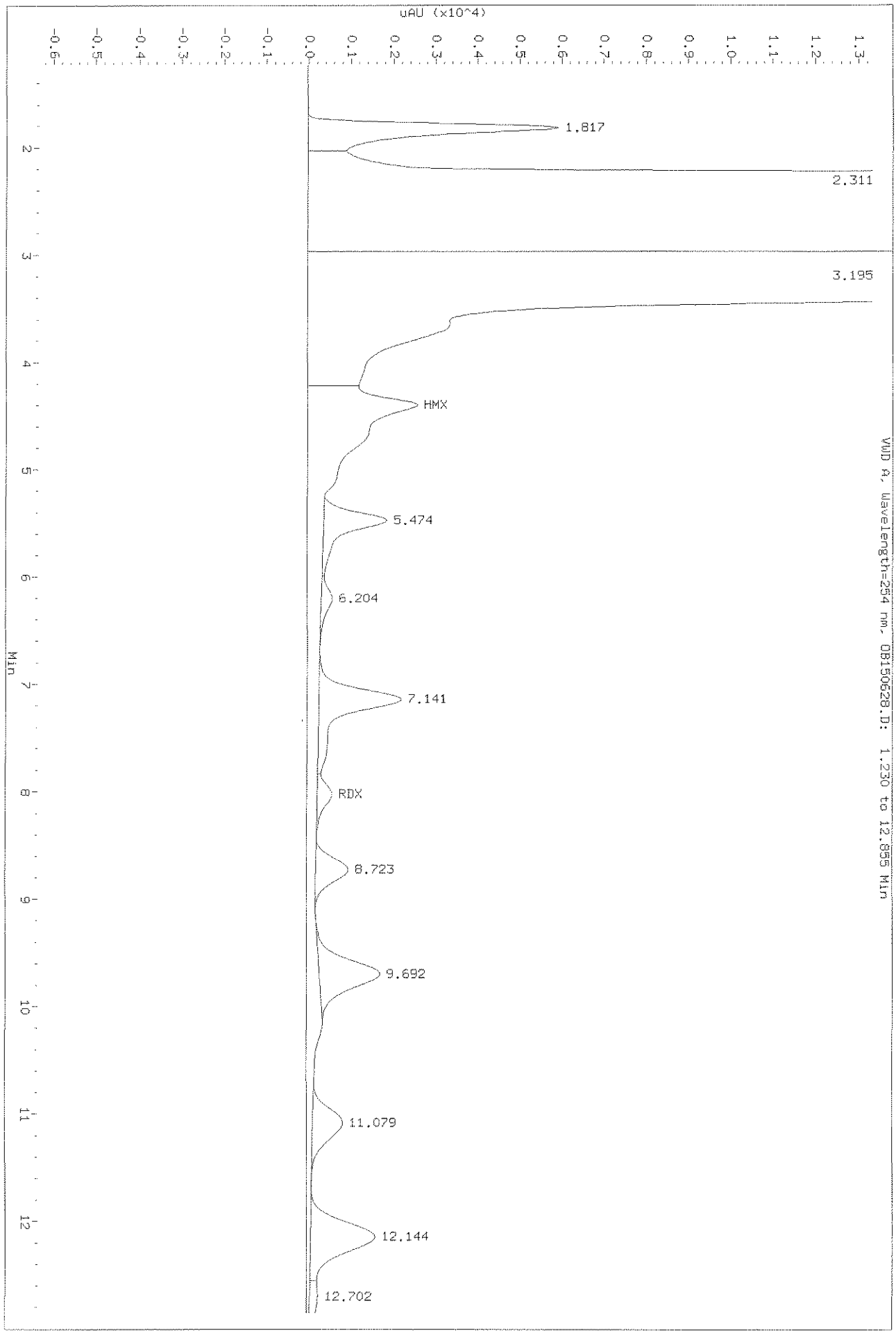
File (2): FC0808b.b-FC080619.D

Date Analyzed (1): 11/16/2006 5:05:00 AM

Date Analyzed (2): 12/8/2006 9:18:00 PM

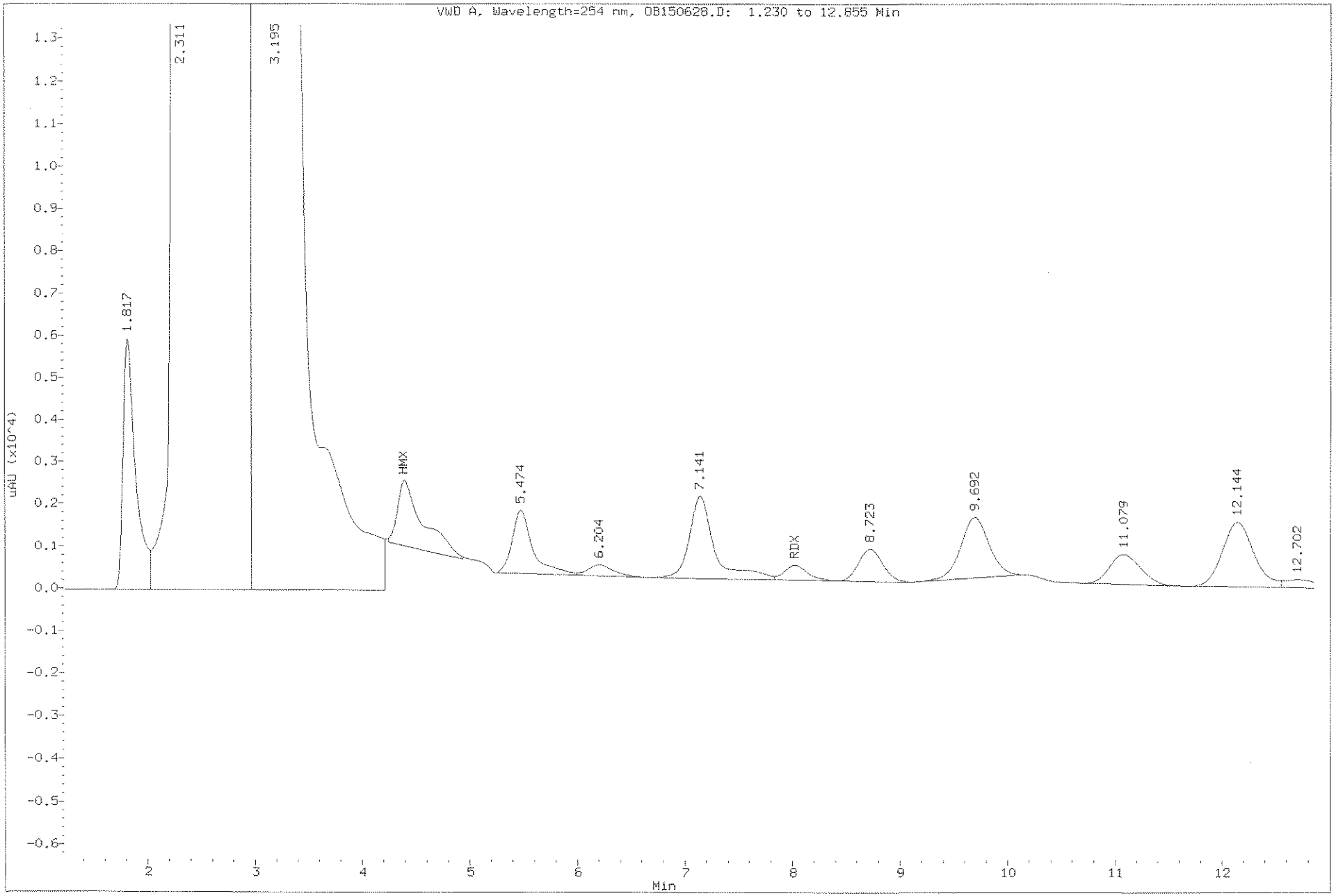
ANALYTE	COL	CONCENTRATION Final Units: ug/L	RPD	RT	RT Window
HMX	1	1.13051	25.8 %	4.39	4.37 - 4.87
	2	1.46526 X		7.67	7.31 - 7.81

X = Concentration Reported


Data File: \\cerea\labdata\hplc\oscar\Oscar.i\OB1506B.b\OB150628.D
Injection Date: 16-NOV-2006 05:05
Instrument: Oscar.i
Client Sample ID: MW-4-4
uAU (x10^4)
1.817
2.311
3.195
HMX
5.474
6.204
7.141
RDX
8.723
9.692
11.079
12.144
12.702
Min
VWD A, Wavelength=254 nm, OB150628.D: 1.230 to 12.855 Min

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB1506B.b\OB150628.D
Injection Date: 16-NOV-2006 05:05
Instrument: Oscar.i
Client Sample ID: MW-4-4

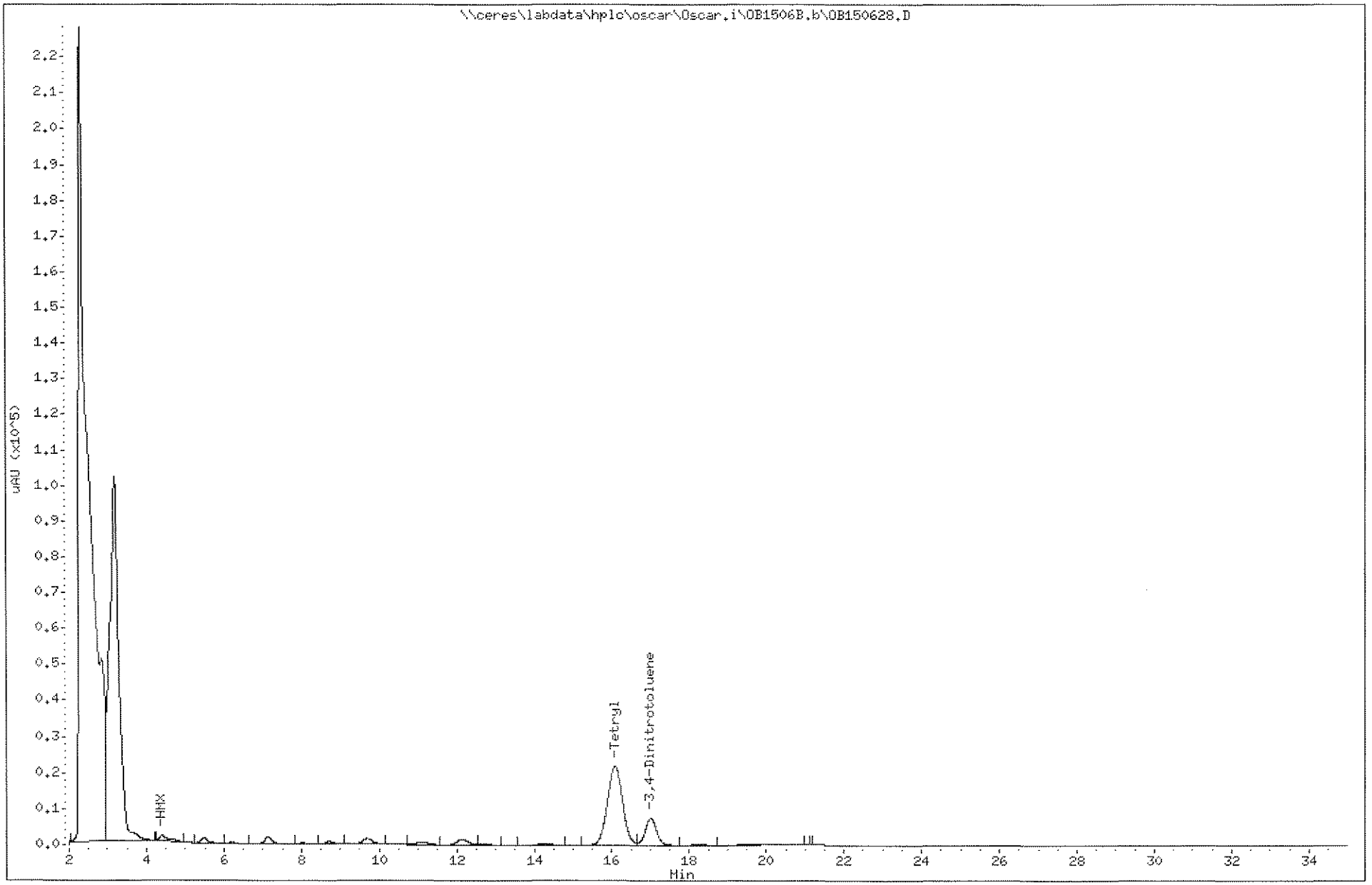
ORD - 14



ORD - 15

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB1506B.b\OB150628.D
Date : 16-NOV-2006 05:05
Client ID: MW-4-4
Sample Info: JPL23-006 METHOD 8330
Volume Injected (uL): 50.0
Column phase: C18

Instrument: Oscar.i
Operator: MY
Column diameter: 4.60



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1506B.b/OB150628.D
Injection Date : 16-NOV-2006 05:05
Sample Info : JPL23-006 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-006
Instrument ID : Oscar.i
Method : 8330Nov08.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : C18
Client ID : MW-4-4
Operator : MY
Sublist : 8330
Integrator : HP Genie
Sample Type: SAMPLE
Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 1010 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response		Concentrations Soln ng/mL	Final ug/L
	1.82		5447			
	2.31		227266			
	3.20		101567			
HMX	4.39	4.37 - 4.87	1485	M	114.18	1.13
	5.47		1480			
	6.20		262			
	7.14		1952			
	8.72		767			
	9.69		1434			
	11.08		708			
	12.14		1518			
	12.70		183			
Tetryl	16.08	15.62 - 16.12	21768		2309.1	22.9
3,4-Dinitrotoluene	17.01	16.74 - 17.24	7603		976.14	9.66
	18.23		145			
	20.52		94			
	20.98		27			

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

Data File: \\ceres\labdata\hplc\felix\Felix.i\FC0808b.b\FC080619.D

Date : 08-DEC-2006 21:18

Client ID: MW-4-4

Instrument: Felix.i

Sample Info: JPL23-006 METHOD 8330

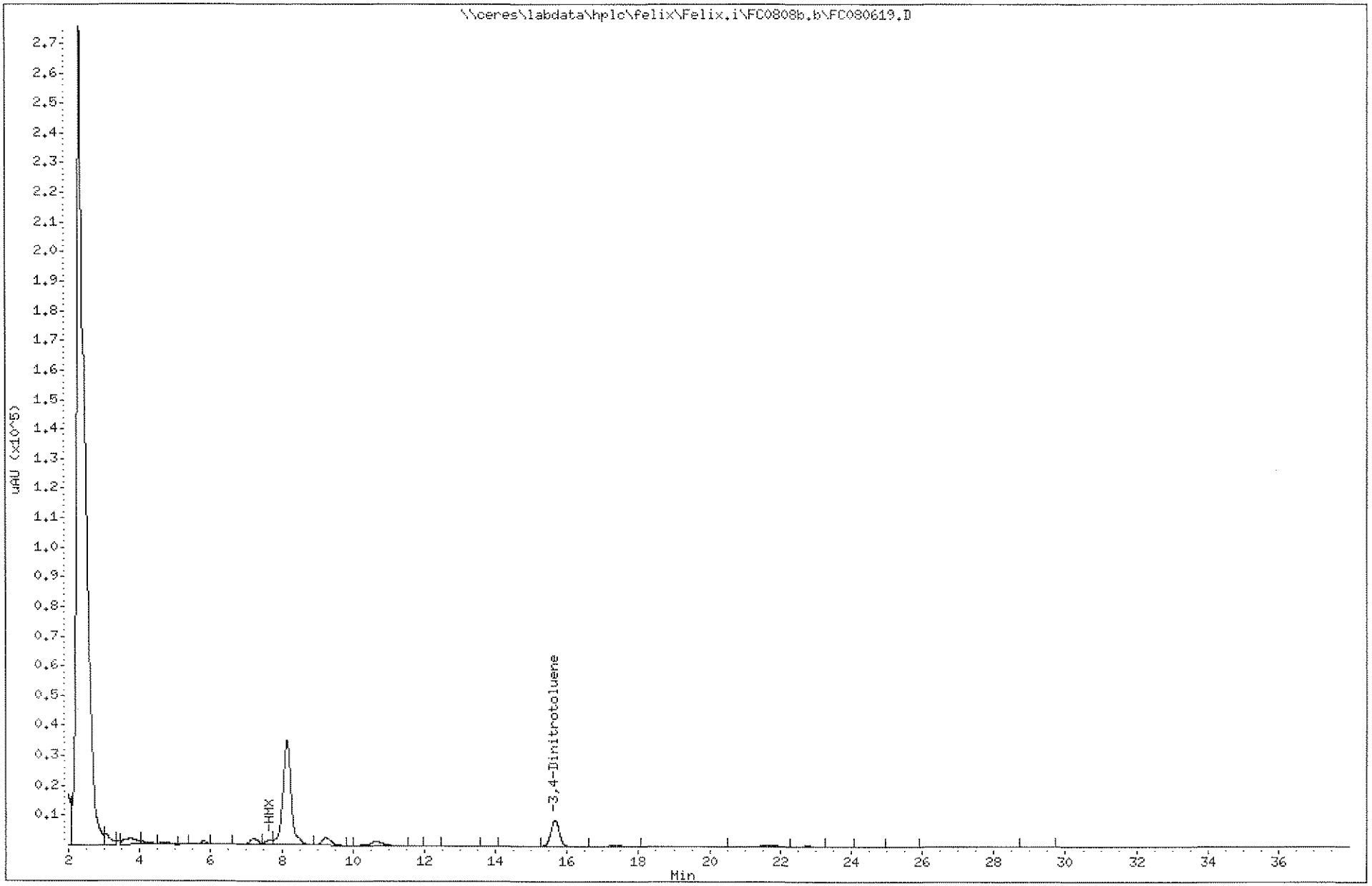
Volume Injected (uL): 50.0

Operator: ap

Column phase: EtPh

Column diameter: 4.60

ORD - 17



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FC0808b.b/FC080619.D
Injection Date : 08-DEC-2006 21:18
Sample Info : JPL23-006 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-006
Instrument ID : Felix.i
Method : 111506syn.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : EtPh

Client ID : MW-4-4
Operator : ap
Sublist : 8330
Integrator : HP Genie
Sample Type: SAMPLE
Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 1010 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Concentrations Final ug/L
	1.92		20666		
	2.32		275443		
	3.05		3422		
	3.74		2108		
	4.09		1051		
	4.71		789		
	5.20		123		
	5.80		1114		
	6.29		41		
	7.20		1578		
HMX	7.67	7.31 - 7.81	1265	147.99	1.46
	8.16		34516		
	9.26		2482		
	10.65		1516		
	11.80		177		
	12.05		168		
3,4-Dinitrotoluene	15.66	15.33 - 15.83	8864	1033.7	10.2
	17.38		305		
	21.70		532		
	22.78		218		
	24.66		89		
	25.38		90		
	29.21		84		

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

1

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-3

Lab Name: Laucks Testing Laboratories, Contract: JPL Groundwater Monitor

SDG No.: JPL23 Run Sequence: R013315

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-007

Sample wt/vol: 1010.0 (g/mL) mL Lab File ID: FC080620.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/09/2006

Extraction: (Type) SPE Date Extracted: 11/14/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/16/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

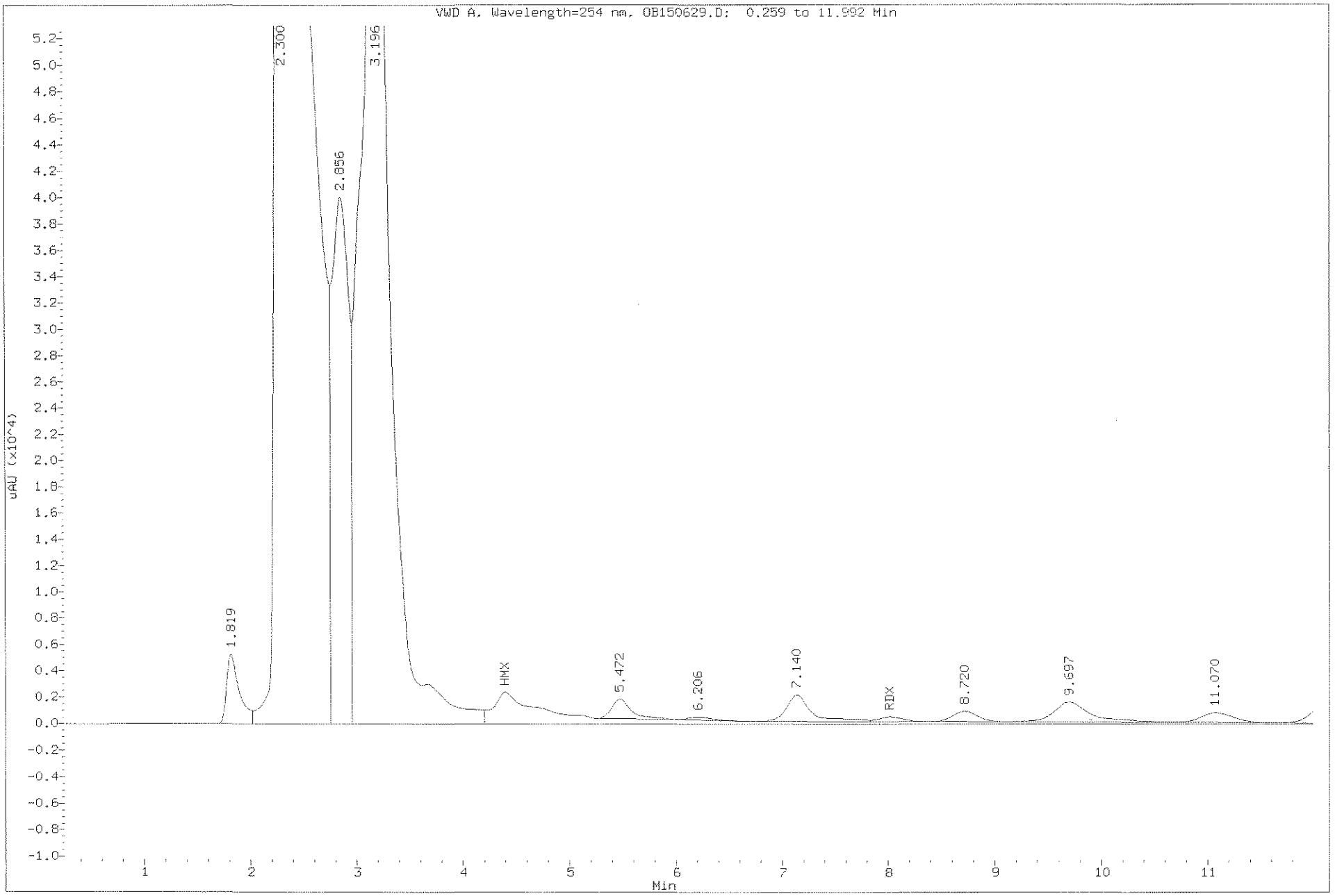
GPC Cleanup: (Y/N) N pH: 0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.50	U
121-82-4	RDX	0.50	U
99-35-4	1,3,5-Trinitrobenzene	0.50	U
99-65-0	1,3-Dinitrobenzene	0.50	U
98-95-3	Nitrobenzene	0.50	U
479-45-8	Tetryl	0.50	U
118-96-7	2,4,6-Trinitrotoluene	0.50	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.50	U
35572-78-2	2-Amino-4,6-dinitrotoluene	0.50	U
606-20-2	2,6-Dinitrotoluene	0.50	U
121-14-2	2,4-Dinitrotoluene	0.50	U
88-72-2	2-Nitrotoluene	0.50	U
99-99-0	4-Nitrotoluene	0.50	U
99-08-1	3-Nitrotoluene	0.50	U

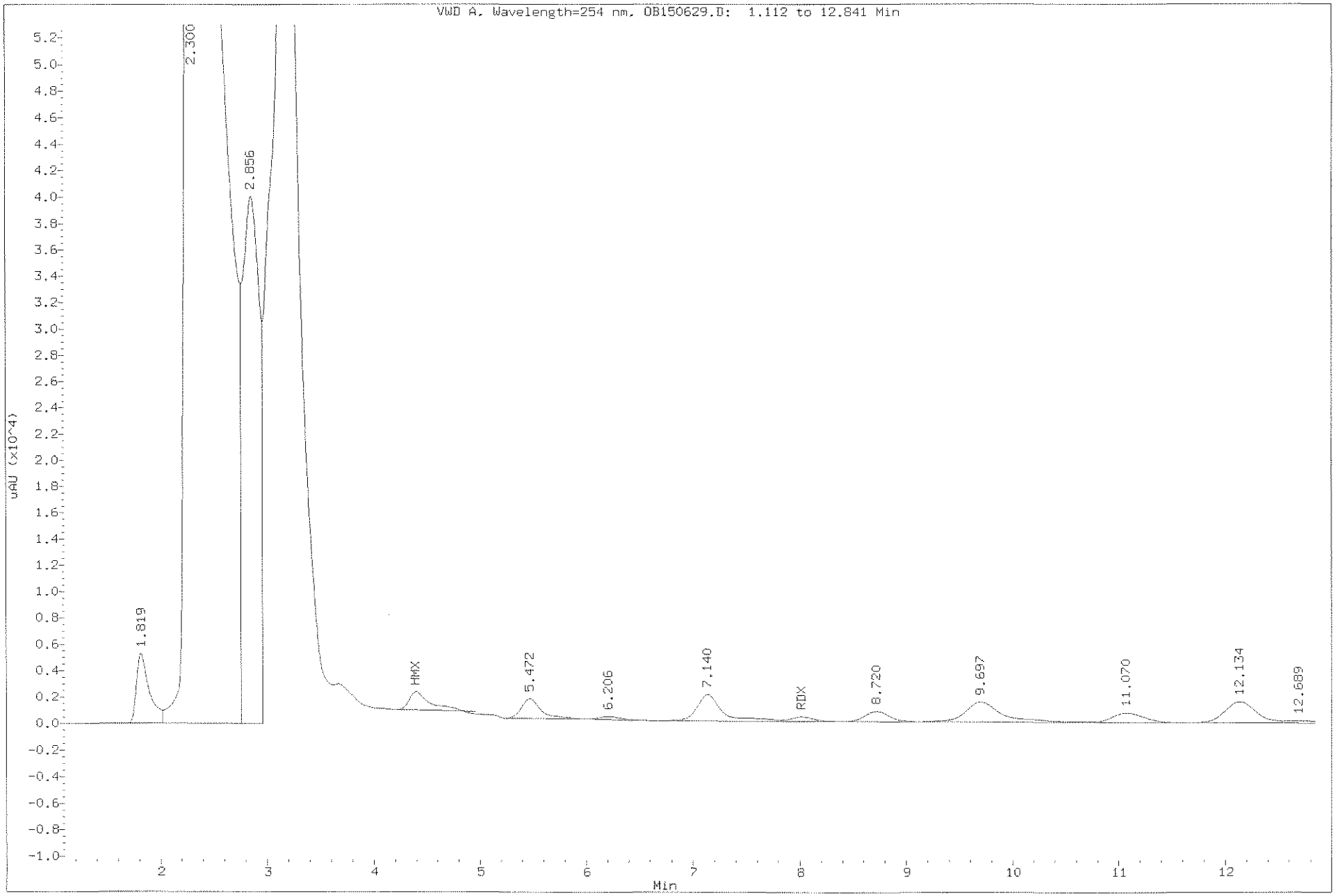
Comments:

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB1506B.b\OB150629.D
Injection Date: 16-NOV-2006 05:42
Instrument: Oscar.i
Client Sample ID: MW-4-3

ORD - 20



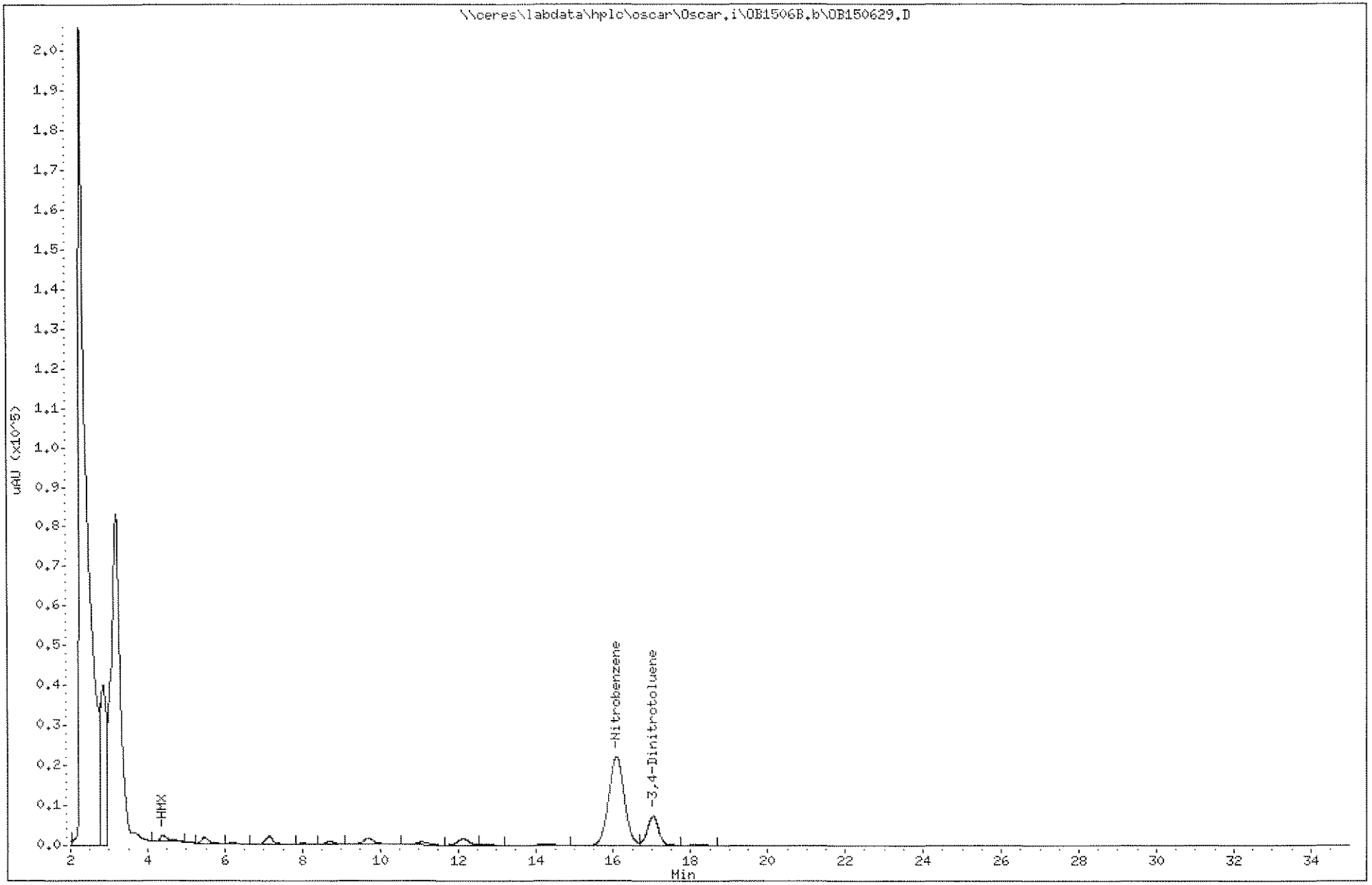
Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB1506B.b\OB150629.D
Injection Date: 16-NOV-2006 05:42
Instrument: Oscar.i
Client Sample ID: MW-4-3



Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB1506B.b\OB150629.D
Date : 16-NOV-2006 05:42
Client ID: MW-4-3
Sample Info: JPL23-007 METHOD 8330
Volume Injected (uL): 50.0
Column phase: C18

Instrument: Oscar.i
Operator: MY
Column diameter: 4.60

ORD - 22



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1506B.b/OB150629.D
Injection Date : 16-NOV-2006 05:42
Sample Info : JPL23-007 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-007
Instrument ID : Oscar.i
Method : 8330Nov08.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : C18
Client ID : MW-4-3
Operator : MY
Sublist : 8330
Integrator : HP Genie
Sample Type: SAMPLE
Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 1010 ml
InjectionVol: 50.00 ul

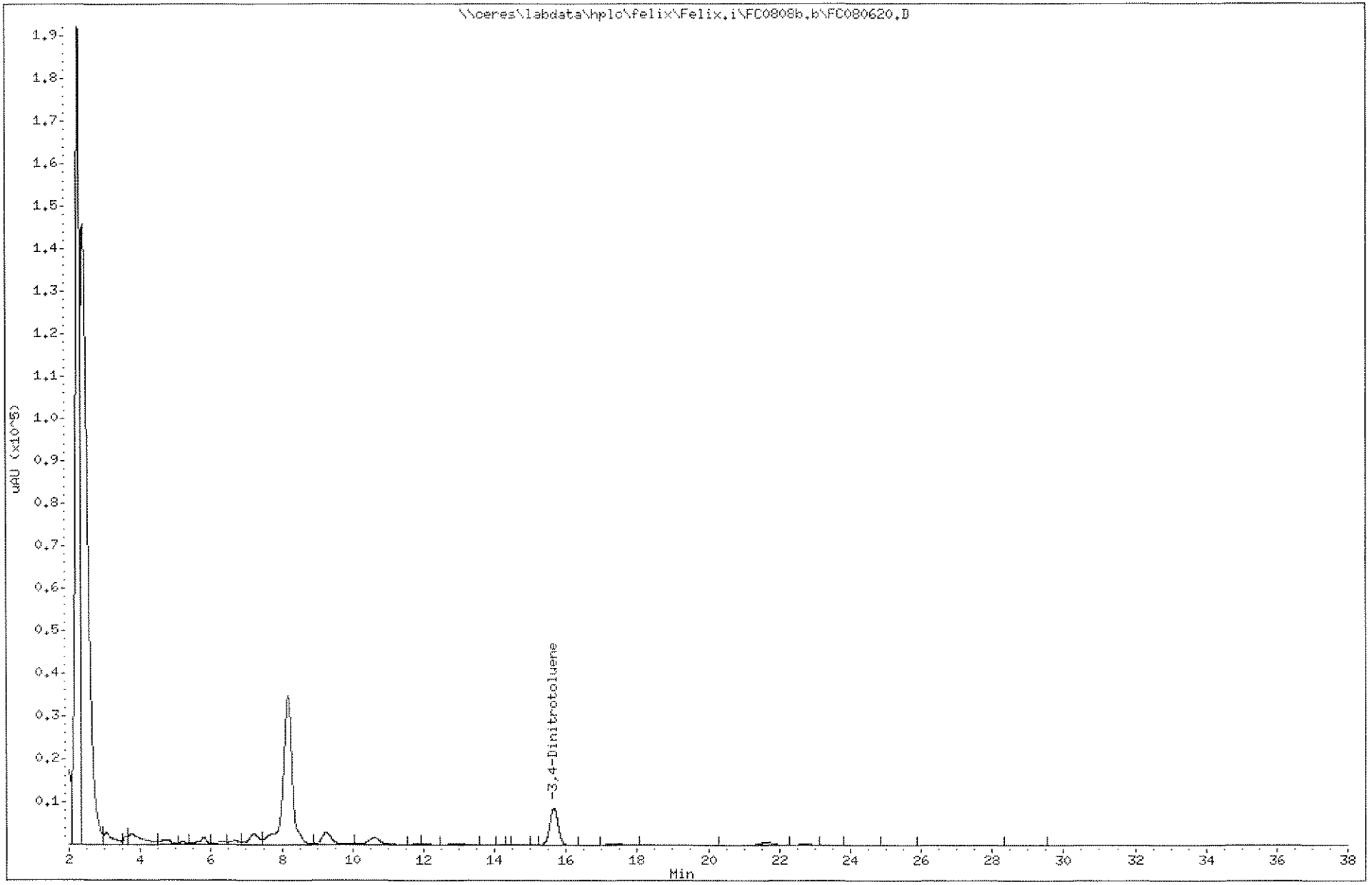
Compound	RT	RT Window	Response		Concentrations Soln ng/mL	Final ug/L
	1.82		5257			
	2.30		204867			
	2.86		40032		12/11/06 MY	
HMX	4.40	4.37 - 4.87	1401	MB	107.72	1.07
	5.47		1493			
	6.21		196			
	7.14		1979			
	8.72		768			
	9.70		1500			
	11.07		710			
	12.13		1579			
	12.69		178			
Nitrobenzene	16.09	16.05 - 16.55	22149		1944.8	19.2
3,4-Dinitrotoluene	17.03	16.74 - 17.24	7368		945.97	9.37
	18.23		179			

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

Data File: \\ceres\labdata\hplc\felix\Felix.i\FC0808b.b\FC080620.D
Date : 08-DEC-2006 21:58
Client ID: MW-4-3
Sample Info: JPL23-007 METHOD 8330
Volume Injected (uL): 50.0
Column phase: EtPh

Instrument: Felix.i
Operator: ap
Column diameter: 4.60

ORD - 24



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FC0808b.b/FC080620.D
Injection Date : 08-DEC-2006 21:58
Sample Info : JPL23-007 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-007
Client ID : MW-4-3
Instrument ID : Felix.i
Operator : ap
Method : 111506syn.m
Sublist : 8330
Quantitation : ESTD
Integrator : HP Genie
Dilution Factor : 2.00
Sample Type: SAMPLE
Column : EtPh
Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 1010 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	1.92		20778		
	2.28		192368		
	2.41		145811		
	3.06		2884		
	3.57		1960		
	3.76		2542		
	4.71		1082		
	5.20		535		
	5.79		1590		
	6.30		614		
	6.67		934		
	7.22		2478		
	8.17		34941		
	9.26		2855		
	10.62		1608		
	11.78		161		
	12.06		151		
	13.93		47		
	14.34		34		
3,4-Dinitrotoluene	15.66	15.33 - 15.83	8683	1012.6	10.0
	17.35		272		
	21.64		569		
	22.72		221		
	24.55		91		
	25.29		85		
	29.12		90		

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

1

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-11-11/9/06

Lab Name: Laucks Testing Laboratories, Contract: JPL Groundwater Monitor

SDG No.: JPL23 Run Sequence: R013315

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-008

Sample wt/vol: 1030.0 (g/mL) mL Lab File ID: OB150630.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/09/2006

Extraction: (Type) SPE Date Extracted: 11/14/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/16/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 0 Sulfur Cleanup: (Y/N) N

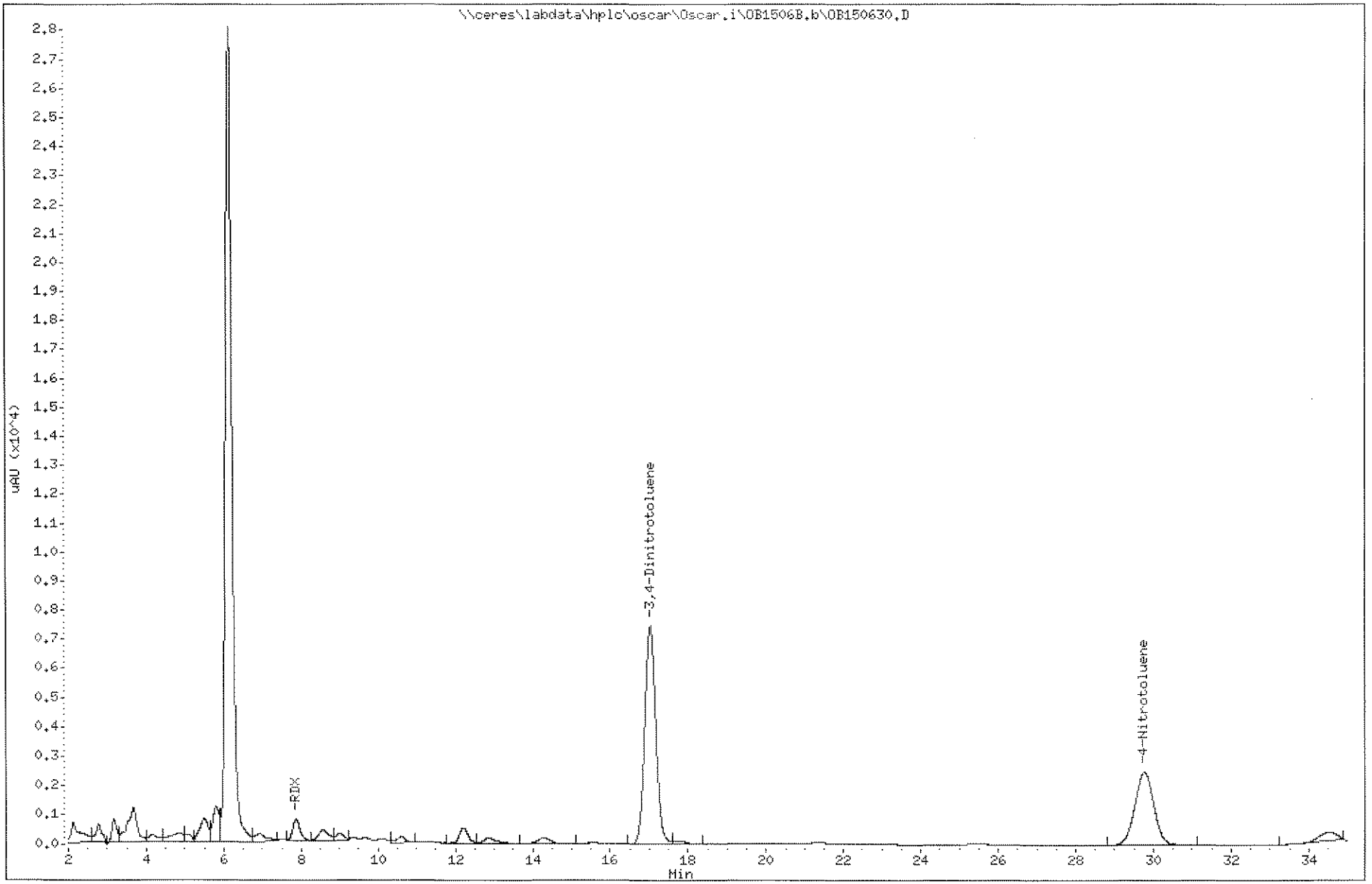
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.49	U
121-82-4	RDX	0.49	U
99-35-4	1,3,5-Trinitrobenzene	0.49	U
99-65-0	1,3-Dinitrobenzene	0.49	U
98-95-3	Nitrobenzene	0.49	U
479-45-8	Tetryl	0.49	U
118-96-7	2,4,6-Trinitrotoluene	0.49	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.49	U
35572-78-2	2-Amino-4,6-dinitrotoluene	0.49	U
606-20-2	2,6-Dinitrotoluene	0.49	U
121-14-2	2,4-Dinitrotoluene	0.49	U
88-72-2	2-Nitrotoluene	0.49	U
99-99-0	4-Nitrotoluene	0.49	U
99-08-1	3-Nitrotoluene	0.49	U

Comments:

ORD - 27

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB1506B.b\OB150630.D
Date : 16-NOV-2006 06:19
Client ID: EB-11-11/9/06
Sample Info: JPL23-008 METHOD 8330
Volume Injected (uL): 50.0
Column phase: C18

Instrument: Oscar.i
Operator: MY
Column diameter: 4.60



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1506B.b/OB150630.D
Injection Date : 16-NOV-2006 06:19
Sample Info : JPL23-008 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-008
Instrument ID : Oscar.i
Method : 8330Nov08.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : C18

Client ID : EB-11-11/9/06
Operator : MY
Sublist : 8330
Integrator : HP Genie
Sample Type: SAMPLE
Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 1030 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Concentrations Final ug/L
	2.13		686		
	2.78		612		
	3.17		775		
	3.67		1192		
	4.15		234		
	4.87		290		
	5.06		240		
	5.50		782		
	5.80		1187		
	6.15		28023		
	6.93		254		
RDX	7.87	7.80 - 8.30	758	71.553	0.695
	8.57		381		
	9.01		270		
	10.61		203		
	12.21		524		
	12.86		173		
3,4-Dinitrotoluene	17.02	16.74 - 17.24	7461	957.91	9.30
	17.75		118		
4-Nitrotoluene	29.77	29.38 - 30.18	2498	735.20	7.14
	34.54		265		

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

Data File: \\ceres\labdata\hplc\felix\Felix.i\FC0808b.b\FC080621.D

Page 1

Date : 08-DEC-2006 22:38

Client ID: EB-11-11/9/06

Instrument: Felix.i

Sample Info: JPL23-008 METHOD 8330

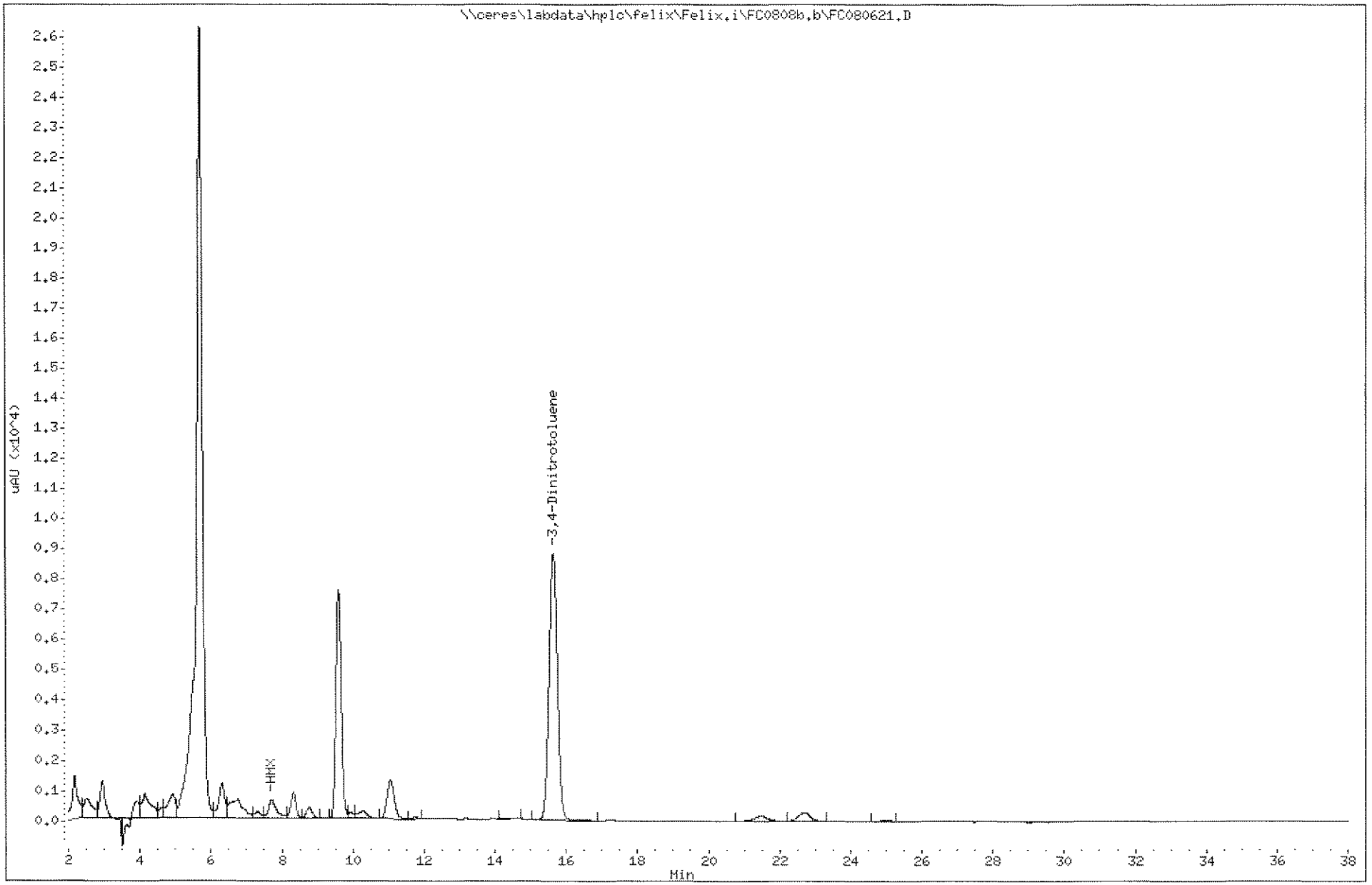
Volume Injected (uL): 50.0

Operator: ap

Column phase: EtPh

Column diameter: 4.60

ORD - 29



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FC0808b.b/FC080621.D
Injection Date : 08-DEC-2006 22:38
Sample Info : JPL23-008 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-008
Instrument ID : Felix.i
Method : 111506syn.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : EtPh

Client ID : EB-11-11/9/06
Operator : ap
Sublist : 8330
Integrator : HP Genie
Sample Type: SAMPLE
Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 1030 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Concentrations Final ug/L
	2.17		1373		
	2.50		631		
	2.95		1192		
	3.62		225		
	3.90		536		
	4.13		788		
	4.62		317		
	4.93		773		
	5.70		26188		
	6.31		1134		
	6.74		598		
	7.32		189		
HMX	7.71	7.31 - 7.81	594	69.491	0.675
	8.32		850		
	8.75		347		
	9.60		7514		
	10.28		232		
	11.05		1290		
	11.77		60		
	14.46		24		
3,4-Dinitrotoluene	15.64	15.33 - 15.83	8808	1027.2	9.97
	21.47		185		
	22.68		294		
	24.99		37		

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

1

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-2

Lab Name: Laucks Testing Laboratories, Contract: JPL Groundwater Monitor

SDG No.: JPL23 Run Sequence: R013315

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-010

Sample wt/vol: 980.0 (g/mL) mL Lab File ID: OB150631.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/10/2006

Extraction: (Type) SPE Date Extracted: 11/14/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/16/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 0 Sulfur Cleanup: (Y/N) N

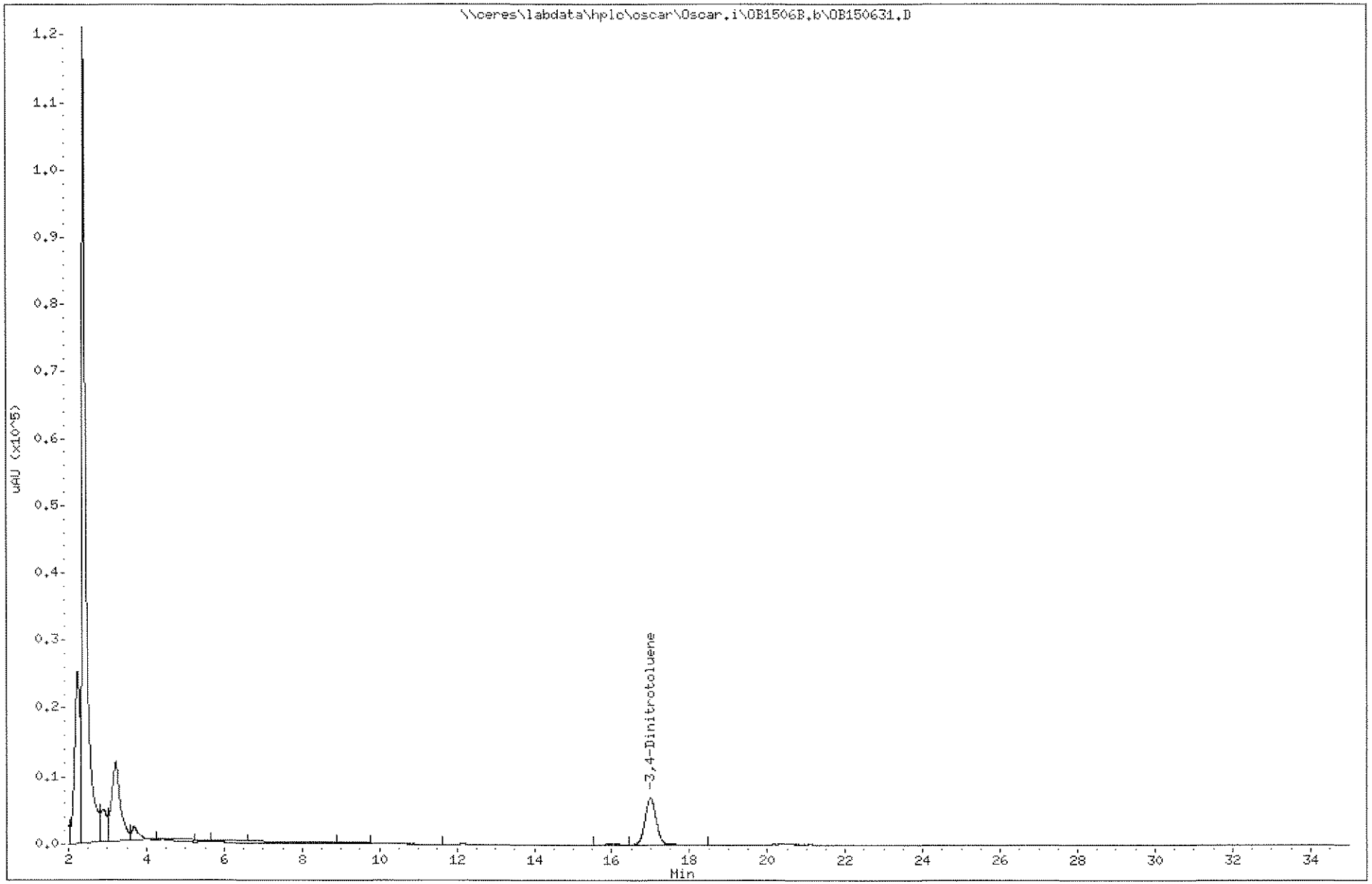
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.51	U
121-82-4	RDX	0.51	U
99-35-4	1,3,5-Trinitrobenzene	0.51	U
99-65-0	1,3-Dinitrobenzene	0.51	U
98-95-3	Nitrobenzene	0.51	U
479-45-8	Tetryl	0.51	U
118-96-7	2,4,6-Trinitrotoluene	0.51	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.51	U
35572-78-2	2-Amino-4,6-dinitrotoluene	0.51	U
606-20-2	2,6-Dinitrotoluene	0.51	U
121-14-2	2,4-Dinitrotoluene	0.51	U
88-72-2	2-Nitrotoluene	0.51	U
99-99-0	4-Nitrotoluene	0.51	U
99-08-1	3-Nitrotoluene	0.51	U

Comments:

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB1506B.b\OB150631.D
Date : 16-NOV-2006 06:56
Client ID: MW-4-2
Sample Info: JPL23-010 METHOD 8330
Volume Injected (uL): 50.0
Column phase: C18

Instrument: Oscar.i
Operator: MY
Column diameter: 4.60

ORD - 32



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1506B.b/OB150631.D
Injection Date : 16-NOV-2006 06:56
Sample Info : JPL23-010 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-010 Client ID : MW-4-2
Instrument ID : Oscar.i Operator : MY
Method : 8330Nov08.m Sublist : 8330
Quantitation : ESTD Integrator : HP Genie
Dilution Factor : 2.00 Sample Type: SAMPLE
Column : C18 Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 980.0 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	1.85		7602		
	2.23		25291		
	2.40		120927		
	2.89		4803		
	3.22		11636		
	3.68		2046		
	5.49		70		
	5.83		112		
	9.42		287		
3,4-Dinitrotoluene	16.99	16.74 - 17.24	6908	886.91	9.05

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

1

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-1

Lab Name: Laucks Testing Laboratories, Contract: JPL Groundwater Monitor

SDG No.: JPL23 Run Sequence: R013315

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-011

Sample wt/vol: 970.0 (g/mL) mL Lab File ID: OB150632.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/10/2006

Extraction: (Type) SPE Date Extracted: 11/14/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/16/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.52	U
121-82-4	RDX	0.52	U
99-35-4	1,3,5-Trinitrobenzene	0.52	U
99-65-0	1,3-Dinitrobenzene	0.52	U
98-95-3	Nitrobenzene	0.52	U
479-45-8	Tetryl	0.52	U
118-96-7	2,4,6-Trinitrotoluene	0.52	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.52	U
35572-78-2	2-Amino-4,6-dinitrotoluene	0.52	U
606-20-2	2,6-Dinitrotoluene	0.52	U
121-14-2	2,4-Dinitrotoluene	0.52	U
88-72-2	2-Nitrotoluene	0.52	U
99-99-0	4-Nitrotoluene	0.52	U
99-08-1	3-Nitrotoluene	0.52	U

Comments:

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB1506B.b\OB150632.D

Date : 16-NOV-2006 07:33

Client ID: MW-4-1

Instrument: Oscar.i

Sample Info: JPL23-011 METHOD 8330

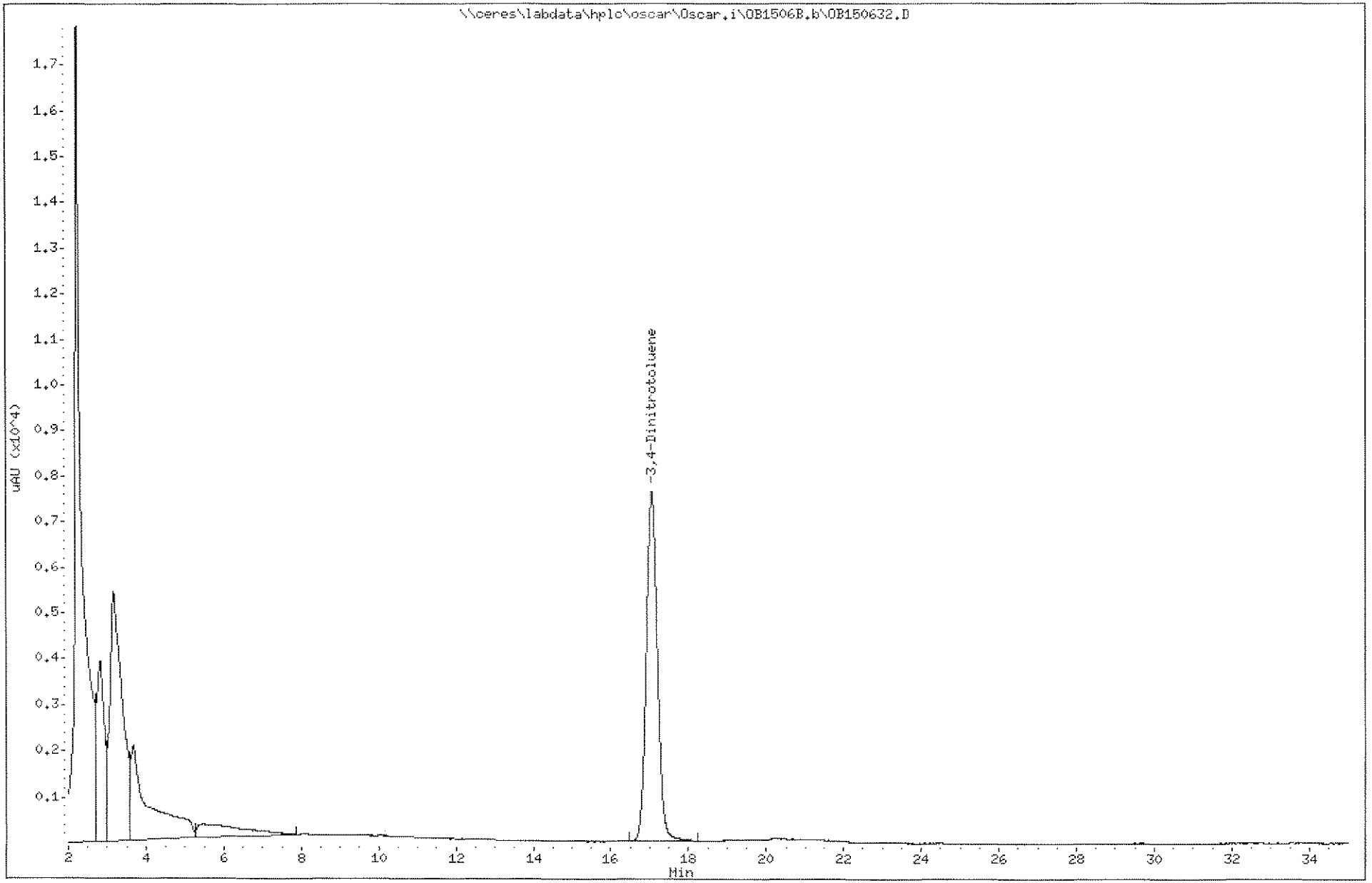
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 35



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1506B.b/OB150632.D
Injection Date : 16-NOV-2006 07:33
Sample Info : JPL23-011 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-011
Instrument ID : Oscar.i
Method : 8330Nov08.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : C18
Client ID : MW-4-1
Operator : MY
Sublist : 8330
Integrator : HP Genie
Sample Type: SAMPLE
Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 970.0 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	2.23		17575		
	2.82		3929		
	3.17		5413		
	3.68		2063		
	5.48		290		
3,4-Dinitrotoluene	17.06	16.74 - 17.24	7613	977.42	10.1

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-3-4Q06

Lab Name: Laucks Testing Laboratories, Contract: JPL Groundwater Monitor

SDG No.: JPL23 Run Sequence: R013315

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-012

Sample wt/vol: 990.0 (g/mL) mL Lab File ID: OB150635.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/10/2006

Extraction: (Type) SPE Date Extracted: 11/14/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/16/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.51	U
121-82-4	RDX	0.51	U
99-35-4	1,3,5-Trinitrobenzene	0.51	U
99-65-0	1,3-Dinitrobenzene	0.51	U
98-95-3	Nitrobenzene	0.51	U
479-45-8	Tetryl	0.51	U
118-96-7	2,4,6-Trinitrotoluene	0.51	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.51	U
35572-78-2	2-Amino-4,6-dinitrotoluene	0.51	U
606-20-2	2,6-Dinitrotoluene	0.51	U
121-14-2	2,4-Dinitrotoluene	0.51	U
88-72-2	2-Nitrotoluene	0.51	U
99-99-0	4-Nitrotoluene	0.51	U
99-08-1	3-Nitrotoluene	0.51	U

Comments:

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB1506B.b\OB150635.D

Page 1

Date : 16-NOV-2006 09:24

Client ID: DUPE-3-4Q06

Instrument: Oscar.i

Sample Info: JPL23-012 METHOD 8330

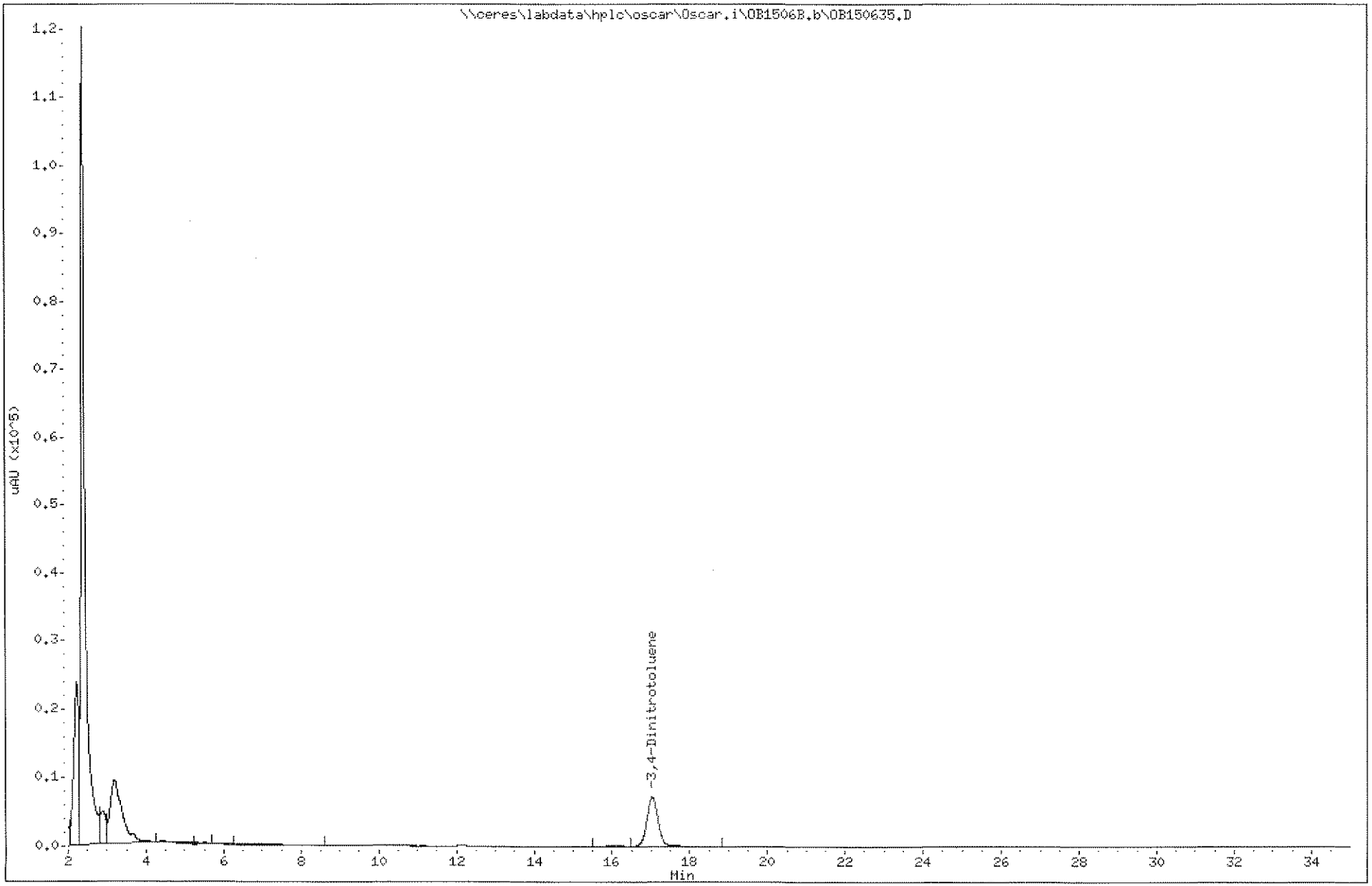
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 38



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1506B.b/OB150635.D
Injection Date : 16-NOV-2006 09:24
Sample Info : JPL23-012 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-012
Instrument ID : Oscar.i
Method : 8330Nov08.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : C18

Client ID : DUPE-3-4Q06
Operator : MY
Sublist : 8330
Integrator : HP Genie
Sample Type: SAMPLE
Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 990.0 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Concentrations Final ug/L
	1.85		7868		
	2.22		23723		
	2.38		120143		
	2.88		4684		
	3.19		9388		
	5.51		124		
	5.83		145		
3,4-Dinitrotoluene	17.03	16.74 - 17.24	7213	926.07	9.35

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

1

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-12-11/10/06

Lab Name: Laucks Testing Laboratories, Contract: JPL Groundwater Monitor

SDG No.: JPL23 Run Sequence: R013315

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-013

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: OB150636.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/10/2006

Extraction: (Type) SPE Date Extracted: 11/14/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/16/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 0 Sulfur Cleanup: (Y/N) N

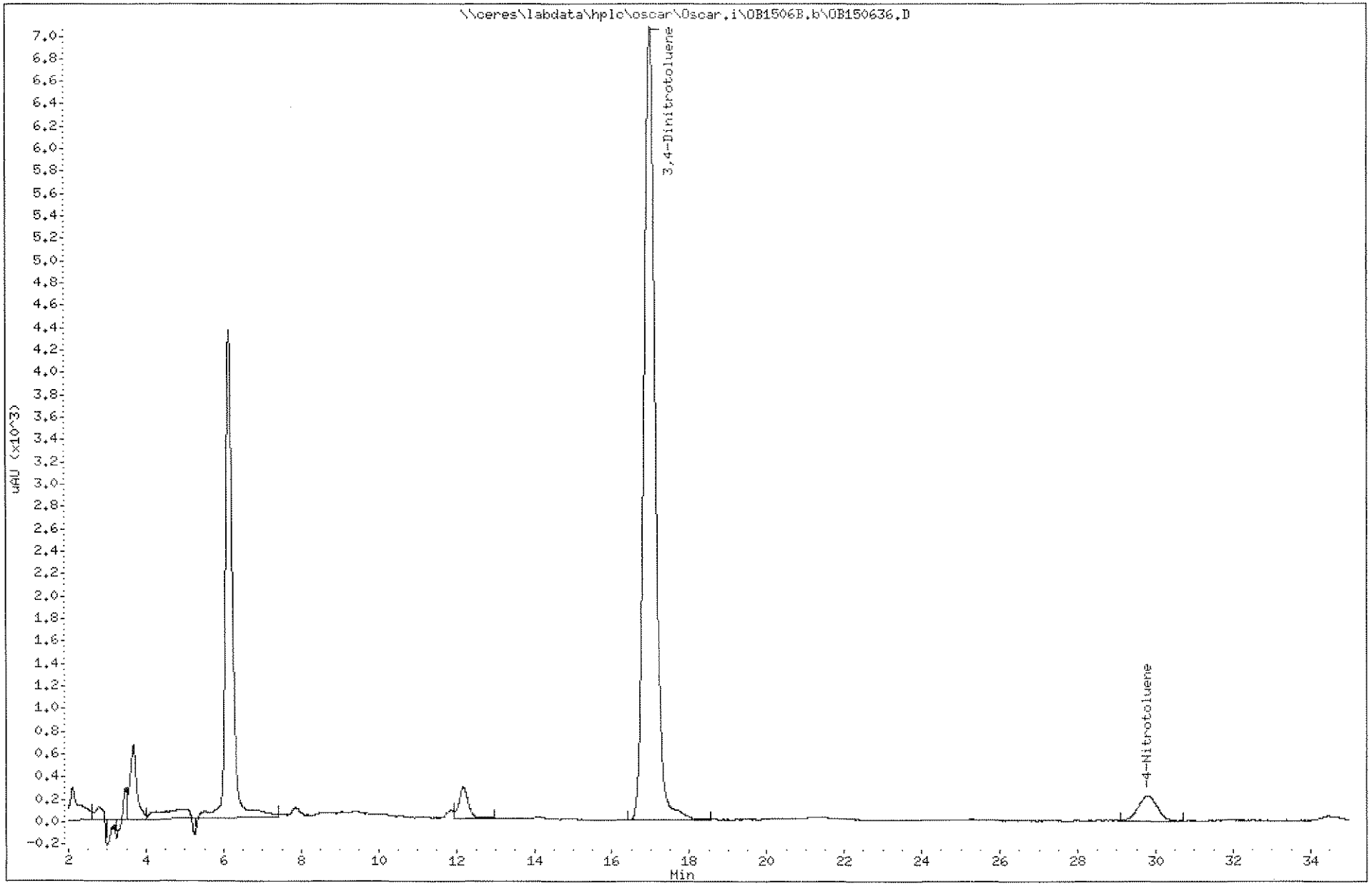
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.50	U
121-82-4	RDX	0.50	U
99-35-4	1,3,5-Trinitrobenzene	0.50	U
99-65-0	1,3-Dinitrobenzene	0.50	U
98-95-3	Nitrobenzene	0.50	U
479-45-8	Tetryl	0.50	U
118-96-7	2,4,6-Trinitrotoluene	0.50	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.50	U
35572-78-2	2-Amino-4,6-dinitrotoluene	0.50	U
606-20-2	2,6-Dinitrotoluene	0.50	U
121-14-2	2,4-Dinitrotoluene	0.50	U
88-72-2	2-Nitrotoluene	0.50	U
99-99-0	4-Nitrotoluene	0.50	U
99-08-1	3-Nitrotoluene	0.50	U

Comments:

Data File: \\ceres\labdata\hplc\oscar\Oscar,i\OB1506B,b\OB150636,D
Date : 16-NOV-2006 10:01
Client ID: EB-12-11/10/06
Sample Info: JPL23-013 METHOD 8330
Volume Injected (uL): 50,0
Column phase: C18

Instrument: Oscar,i
Operator: MY
Column diameter: 4,60

ORD - 41



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1506B.b/OB150636.D
Injection Date : 16-NOV-2006 10:01
Sample Info : JPL23-013 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-013
Client ID : EB-12-11/10/06
Instrument ID : Oscar.i
Operator : MY
Method : 8330Nov08.m
Sublist : 8330
Quantitation : ESTD
Integrator : HP Genie
Dilution Factor : 2.00
Sample Type: SAMPLE
Column : C18
Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 1000 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Concentrations Final ug/L
	2.10		286		
	2.78		111		
	3.17		44		
	3.47		276		
	3.67		655		
	6.14		4344		
	12.18		275		
3,4-Dinitrotoluene	16.98	16.74 - 17.24	7072	907.96	9.08
4-Nitrotoluene	29.78	29.38 - 30.18	221	65.044	0.650

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

Data File: \\ceres\labdata\hplc\felix\Felix.i\FC0808b.b\FC080622.D

Date : 08-DEC-2006 23:18

Client ID: EB-12-11/10/06

Instrument: Felix.i

Sample Info: JPL23-013 METHOD 8330

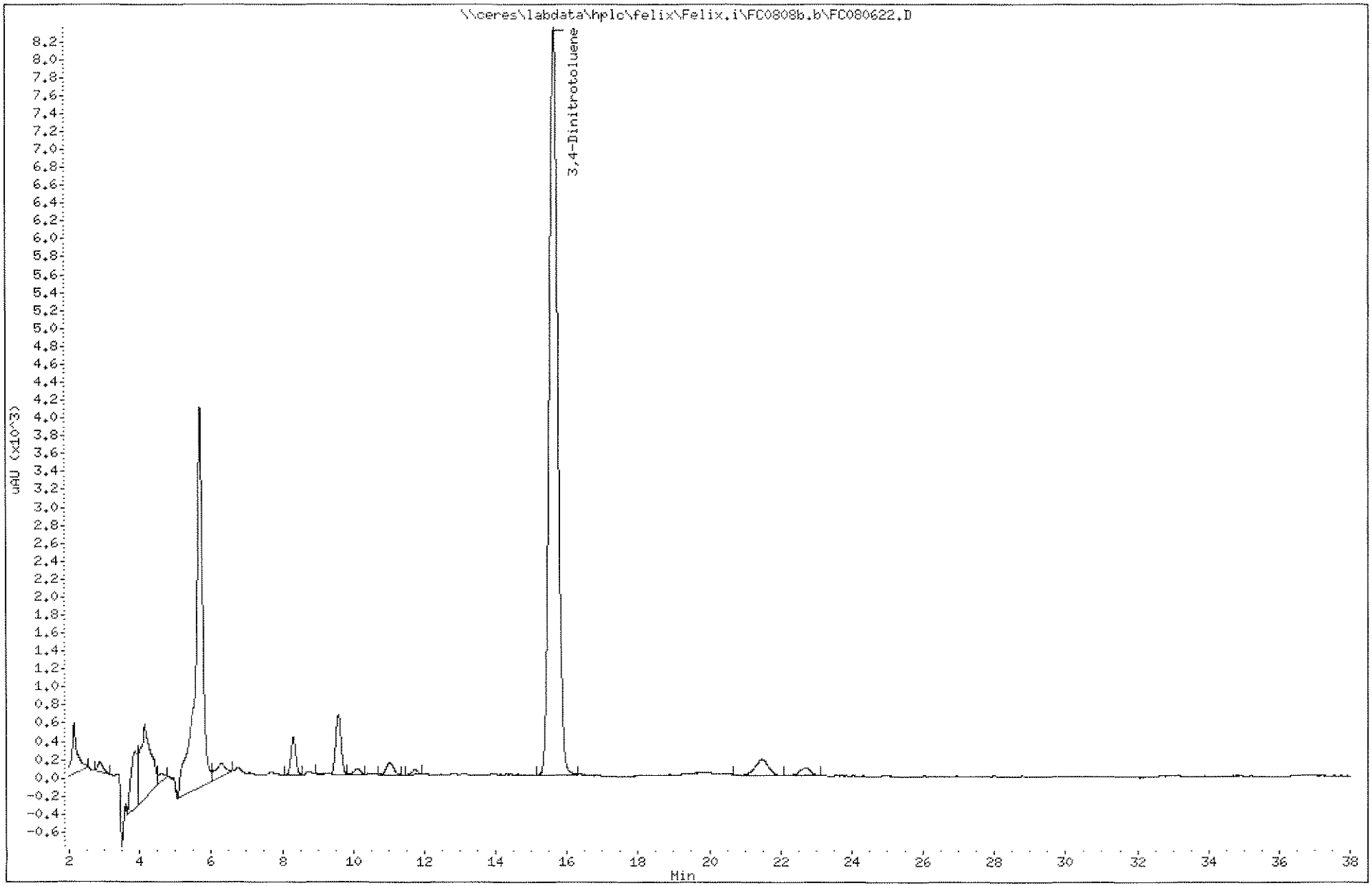
Volume Injected (uL): 50.0

Operator: ap

Column phase: EtPh

Column diameter: 4.60

ORD - 43



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FC0808b.b/FC080622.D
Injection Date : 08-DEC-2006 23:18
Sample Info : JPL23-013 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-013
Client ID : EB-12-11/10/06
Instrument ID : Felix.i
Operator : ap
Method : 111506syn.m
Sublist : 8330
Quantitation : ESTD
Integrator : HP Genie
Dilution Factor : 2.00
Sample Type: SAMPLE
Column : EtPh
Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 1000 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Concentrations Final ug/L
	2.14		519		
	2.87		117		
	3.87		614		
	4.14		808		
	4.63		72		
	5.70		4211		
	6.30		145		
	8.31		403		
	9.58		643		
	11.04		133		
	11.76		54		
3,4-Dinitrotoluene	15.64	15.33 - 15.83	8319	970.18	9.70
	21.48		176		
	22.70		82		

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

1

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-5

Lab Name: Laucks Testing Laboratories, Contract: JPL Groundwater Monitor

SDG No.: JPL23 Run Sequence: R013315

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-015

Sample wt/vol: 1010.0 (g/mL) mL Lab File ID: OB150637.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/13/2006

Extraction: (Type) SPE Date Extracted: 11/14/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/16/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.50	U
121-82-4	RDX	0.50	U
99-35-4	1,3,5-Trinitrobenzene	0.50	U
99-65-0	1,3-Dinitrobenzene	0.50	U
98-95-3	Nitrobenzene	0.50	U
479-45-8	Tetryl	0.50	U
118-96-7	2,4,6-Trinitrotoluene	0.50	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.50	U
35572-78-2	2-Amino-4,6-dinitrotoluene	0.50	U
606-20-2	2,6-Dinitrotoluene	0.50	U
121-14-2	2,4-Dinitrotoluene	0.50	U
88-72-2	2-Nitrotoluene	0.50	U
99-99-0	4-Nitrotoluene	0.50	U
99-08-1	3-Nitrotoluene	0.50	U

Comments:

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB1506B.b\OB150637.D

Page 1

Date : 16-NOV-2006 10:38

Client ID: MW-18-5

Instrument: Oscar.i

Sample Info: JPL23-015 METHOD 8330

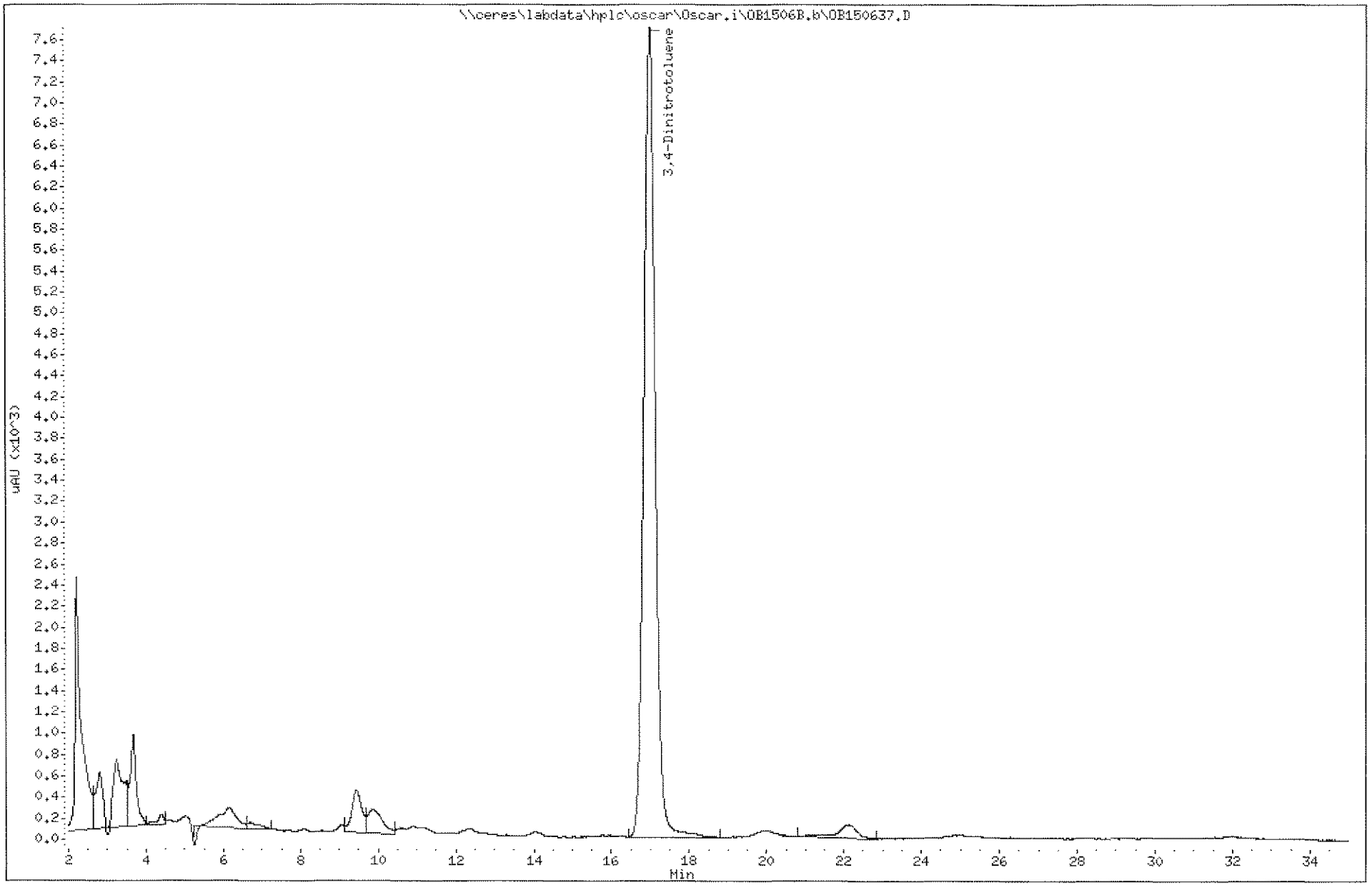
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 46



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1506B.b/OB150637.D
Injection Date : 16-NOV-2006 10:38
Sample Info : JPL23-015 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-015 Client ID : MW-18-5
Instrument ID : Oscar.i Operator : MY
Method : 8330Nov08.m Sublist : 8330
Quantitation : ESTD Integrator : HP Genie
Dilution Factor : 2.00 Sample Type: SAMPLE
Column : C18 Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 0.0000 ul
SampleVolume: 1000 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	1.84		38		
	2.21		2396		
	2.80		530		
	3.23		634		
	3.67		857		
	6.15		181		
	6.69		57		
	9.44		404		
	9.87		223		
3,4-Dinitrotoluene	16.98	16.74 - 17.24	7687	986.92	1970

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

1

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-4

Lab Name: Laucks Testing Laboratories, Contract: JPL Groundwater Monitor

SDG No.: JPL23 Run Sequence: R013315

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-016

Sample wt/vol: 990.0 (g/mL) mL Lab File ID: OB150638.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/13/2006

Extraction: (Type) SPE Date Extracted: 11/14/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/16/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.51	U
121-82-4	RDX	0.51	U
99-35-4	1,3,5-Trinitrobenzene	0.51	U
99-65-0	1,3-Dinitrobenzene	0.51	U
98-95-3	Nitrobenzene	0.51	U
479-45-8	Tetryl	0.51	U
118-96-7	2,4,6-Trinitrotoluene	0.51	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.51	U
35572-78-2	2-Amino-4,6-dinitrotoluene	0.51	U
606-20-2	2,6-Dinitrotoluene	0.51	U
121-14-2	2,4-Dinitrotoluene	0.51	U
88-72-2	2-Nitrotoluene	0.51	U
99-99-0	4-Nitrotoluene	0.51	U
99-08-1	3-Nitrotoluene	0.51	U

Comments:

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB1506B.b\OB150638.D

Date : 16-NOV-2006 11:15

Client ID: MW-18-4

Instrument: Oscar.i

Sample Info: JPL23-016 METHOD 8330

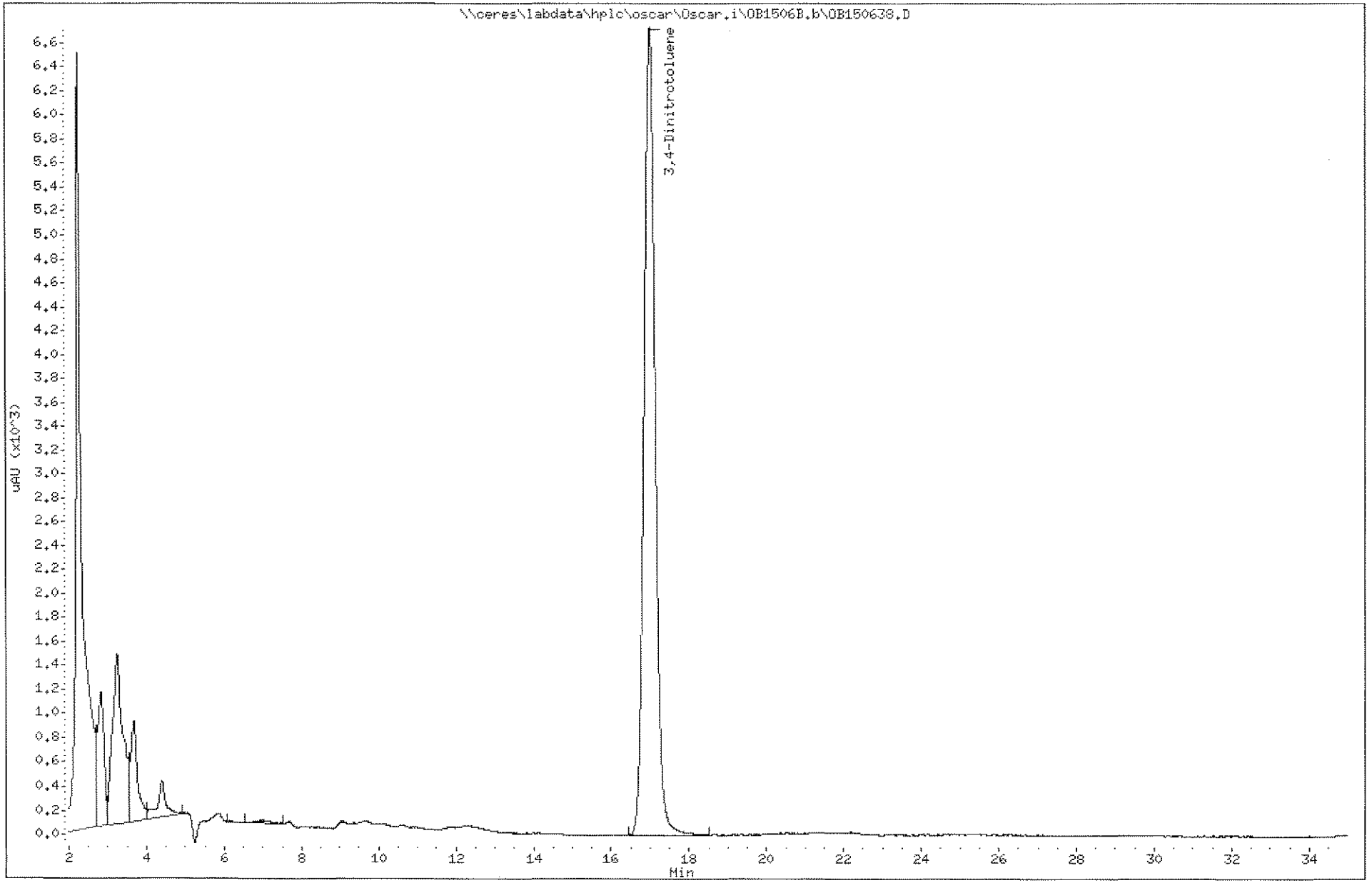
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 49



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1506B.b/OB150638.D
Injection Date : 16-NOV-2006 11:15
Sample Info : JPL23-016 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-016
Instrument ID : Oscar.i
Method : 8330Nov08.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : C18

Client ID : MW-18-4
Operator : MY
Sublist : 8330
Integrator : HP Genie
Sample Type: SAMPLE
Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 990.0 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Concentrations Final ug/L
	1.83		242		
	2.24		6461		
	2.82		1104		
	3.24		1401		
	3.67		823		
	6.17		10		
	7.01		27		
3,4-Dinitrotoluene	16.99	16.74 - 17.24	6732	864.31	8.73

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-2

Lab Name: Laucks Testing Laboratories, Contract: JPL Groundwater Monitor

SDG No.: JPL23 Run Sequence: R013315

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-017

Sample wt/vol: 1010.0 (g/mL) mL Lab File ID: OB150639.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/13/2006

Extraction: (Type) SPE Date Extracted: 11/14/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/16/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.50	U
121-82-4	RDX	0.50	U
99-35-4	1,3,5-Trinitrobenzene	0.50	U
99-65-0	1,3-Dinitrobenzene	0.50	U
98-95-3	Nitrobenzene	0.50	U
479-45-8	Tetryl	0.50	U
118-96-7	2,4,6-Trinitrotoluene	0.50	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.50	U
35572-78-2	2-Amino-4,6-dinitrotoluene	0.50	U
606-20-2	2,6-Dinitrotoluene	0.50	U
121-14-2	2,4-Dinitrotoluene	0.50	U
88-72-2	2-Nitrotoluene	0.50	U
99-99-0	4-Nitrotoluene	0.50	U
99-08-1	3-Nitrotoluene	0.50	U

Comments:

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB1506B.b\OB150639.D

Page 1

Date : 16-NOV-2006 11:52

Client ID: MW-18-2

Instrument: Oscar.i

Sample Info: JPL23-017 METHOD 8330

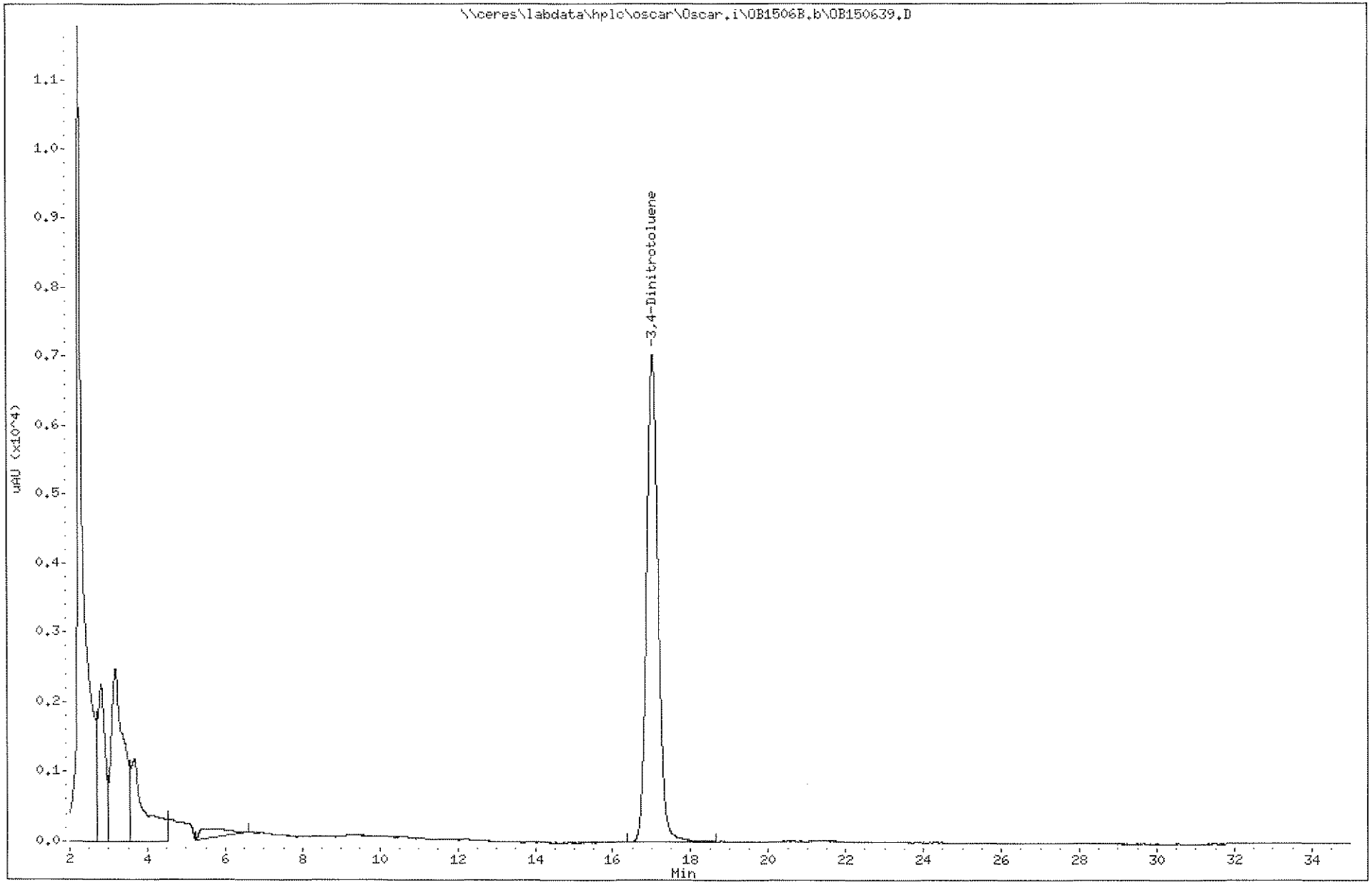
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 52



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1506B.b/OB150639.D
Injection Date : 16-NOV-2006 11:52
Sample Info : JPL23-017 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-017
Client ID : MW-18-2
Instrument ID : Oscar.i
Operator : MY
Method : 8330Nov08.m
Sublist : 8330
Quantitation : ESTD
Integrator : HP Genie
Dilution Factor : 2.00
Sample Type: SAMPLE
Column : C18
Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 1010 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	2.25		11768		
	2.81		2251		
	3.18		2482		
	3.66		1182		
	5.84		120		
3,4-Dinitrotoluene	17.02	16.74 - 17.24	7038	903.60	8.95

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-13-11/13/06

Lab Name: Laucks Testing Laboratories, Contract: JPL Groundwater Monitor

SDG No.: JPL23 Run Sequence: R013315

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-018

Sample wt/vol: 1010.0 (g/mL) mL Lab File ID: OB150640.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/13/2006

Extraction: (Type) SPE Date Extracted: 11/14/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/16/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 0 Sulfur Cleanup: (Y/N) N

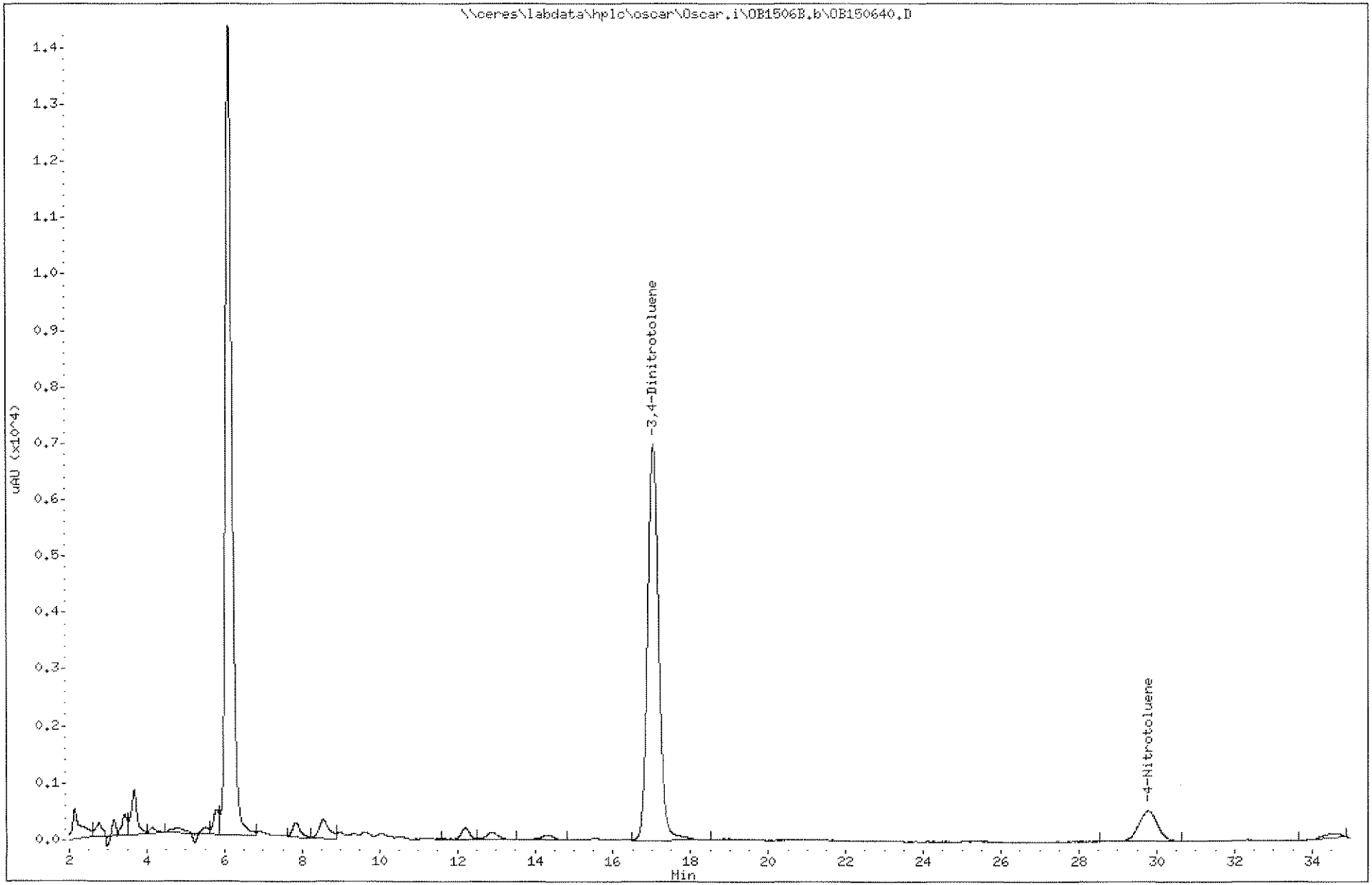
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.50	U
121-82-4	RDX	0.50	U
99-35-4	1,3,5-Trinitrobenzene	0.50	U
99-65-0	1,3-Dinitrobenzene	0.50	U
98-95-3	Nitrobenzene	0.50	U
479-45-8	Tetryl	0.50	U
118-96-7	2,4,6-Trinitrotoluene	0.50	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.50	U
35572-78-2	2-Amino-4,6-dinitrotoluene	0.50	U
606-20-2	2,6-Dinitrotoluene	0.50	U
121-14-2	2,4-Dinitrotoluene	0.50	U
88-72-2	2-Nitrotoluene	0.50	U
99-99-0	4-Nitrotoluene	0.50	U
99-08-1	3-Nitrotoluene	0.50	U

Comments:

ORD - 55

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB1506B.b\OB150640.D
Date : 16-NOV-2006 12:29
Client ID: EB-13-11/13/06
Sample Info: JPL23-018 METHOD 8330
Volume Injected (uL): 50.0
Column phase: C18

Instrument: Oscar.i
Operator: MY
Column diameter: 4.60



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1506B.b/OB150640.D
Injection Date : 16-NOV-2006 12:29
Sample Info : JPL23-018 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-018
Instrument ID : Oscar.i
Method : 8330Nov08.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : C18

Client ID : EB-13-11/13/06
Operator : MY
Sublist : 8330
Integrator : HP Genie
Sample Type: SAMPLE
Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 1010 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	2.13		516		
	2.76		239		
	3.15		277		
	3.43		370		
	3.68		800		
	4.14		105		
	5.51		114		
	5.79		429		
	6.13		14280		
	8.54		337		
	12.21		202		
	12.90		124		
3,4-Dinitrotoluene	17.03	16.74 - 17.24	6980	896.15	8.87
4-Nitrotoluene	29.78	29.38 - 30.18	535	157.46	1.56
	34.55		76		

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

Data File: \\ceres\labdata\hplc\felix\Felix.i\FC0808b.b\FC080623.D

Page 1

Date : 08-DEC-2006 23:58

Client ID: EB-13-11/13/06

Instrument: Felix.i

Sample Info: JPL23-018 METHOD 8330

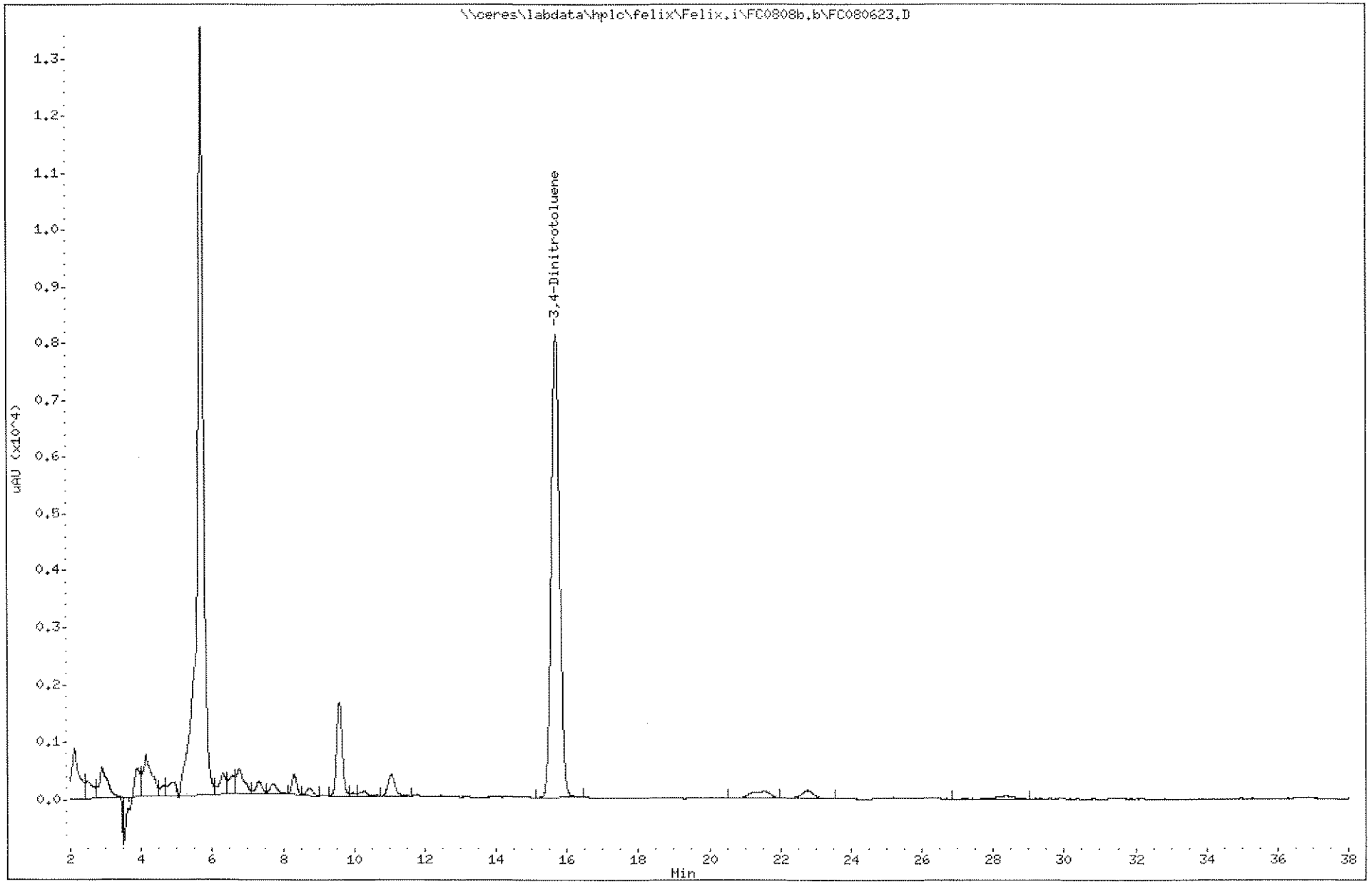
Volume Injected (uL): 50.0

Operator: ap

Column phase: EtPh

Column diameter: 4.60

ORD - 57



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FC0808b.b/FC080623.D
Injection Date : 08-DEC-2006 23:58
Sample Info : JPL23-018 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-018
Instrument ID : Felix.i
Method : 111506syn.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : EtPh

Client ID : EB-13-11/13/06
Operator : ap
Sublist : 8330
Integrator : HP Genie
Sample Type: SAMPLE
Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 1010 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Concentrations Final ug/L
	2.12		874		
	2.49		297		
	2.89		525		
	3.62		198		
	3.89		489		
	4.14		733		
	4.64		182		
	4.86		235		
	5.70		13477		
	6.31		364		
	6.57		313		
	6.76		437		
	7.31		211		
	8.31		353		
	8.75		138		
	9.59		1643		
	10.27		85		
	11.06		377		
3,4-Dinitrotoluene	15.68	15.33 - 15.83	8133	948.48	9.39
	21.51		122		
	22.76		145		
	28.33		62		

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

1

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-3

Lab Name: Laucks Testing Laboratories, Contract: JPL Groundwater Monitor

SDG No.: JPL23 Run Sequence: R013315

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-020

Sample wt/vol: 960.0 (g/mL) mL Lab File ID: OB210612.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/14/2006

Extraction: (Type) SPE Date Extracted: 11/20/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/21/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 0 Sulfur Cleanup: (Y/N) N

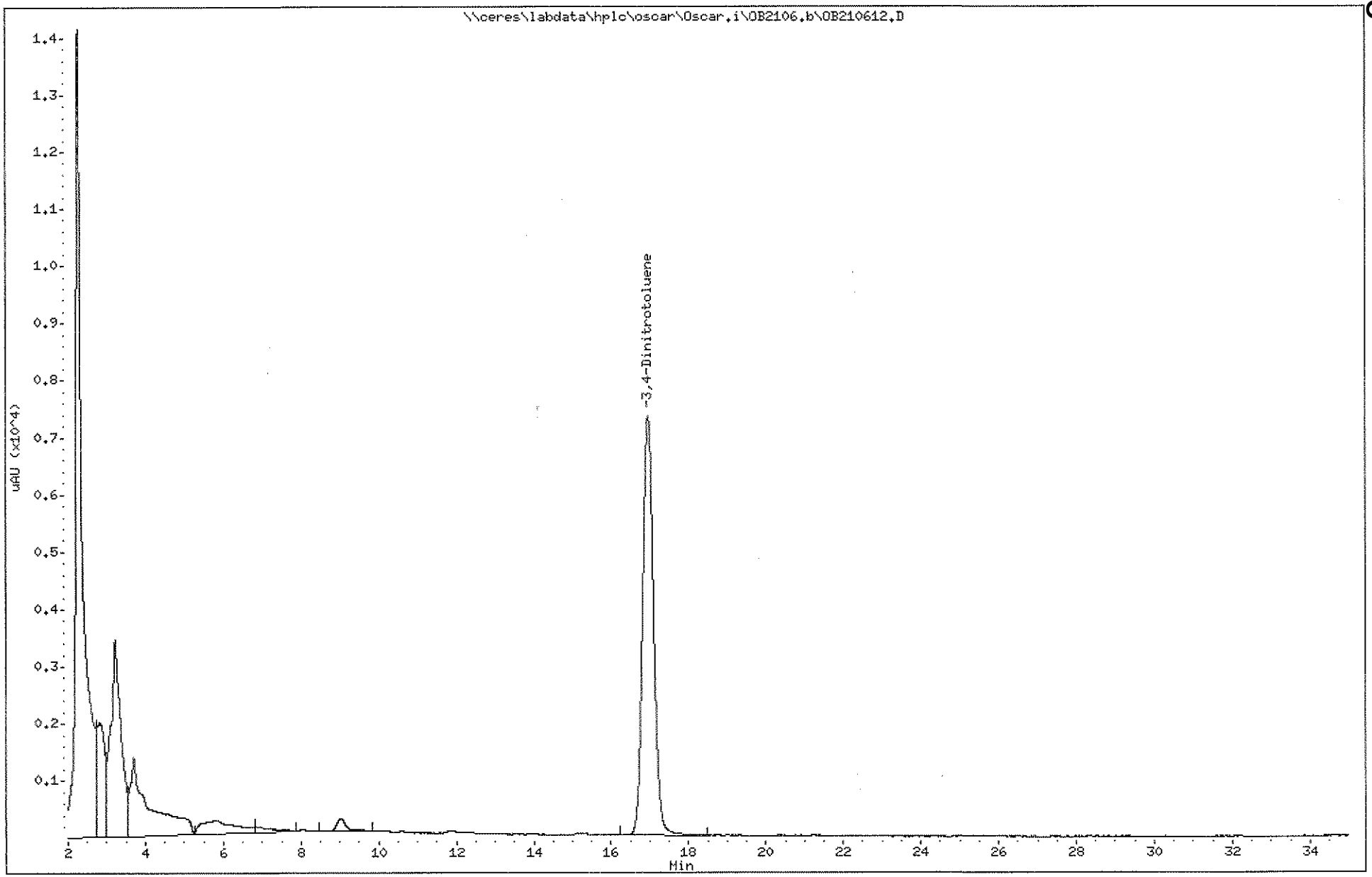
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.52	U
121-82-4	RDX	0.52	U
99-35-4	1,3,5-Trinitrobenzene	0.52	U
99-65-0	1,3-Dinitrobenzene	0.52	U
98-95-3	Nitrobenzene	0.52	U
479-45-8	Tetryl	0.52	U
118-96-7	2,4,6-Trinitrotoluene	0.52	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.52	U
35572-78-2	2-Amino-4,6-dinitrotoluene	0.52	U
606-20-2	2,6-Dinitrotoluene	0.52	U
121-14-2	2,4-Dinitrotoluene	0.52	U
88-72-2	2-Nitrotoluene	0.52	U
99-99-0	4-Nitrotoluene	0.52	U
99-08-1	3-Nitrotoluene	0.52	U

Comments:

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB2106.b\OB210612.D
Date : 21-NOV-2006 16:04
Client ID: MW-18-3
Sample Info: JPL23-020 METHOD 8330
Volume Injected (uL): 50.0
Column phase: C18

Instrument: Oscar.i
Operator: MY
Column diameter: 4.60

ORD - 60



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB2106.b/OB210612.D
Injection Date : 21-NOV-2006 16:04
Sample Info : JPL23-020 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-020
Instrument ID : Oscar.i
Method : 8330Nov08.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : C18
Client ID : MW-18-3
Operator : MY
Sublist : 8330
Integrator : HP Genie
Sample Type: SAMPLE
Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 960.0 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	1.82		491		
	2.27		13958		
	2.83		1991		
	3.22		3405		
	3.70		1370		
	5.83		234		
	6.88		93		
	9.02		220		
3,4-Dinitrotoluene	16.96	16.69 - 17.19	7330	941.09	9.80

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

1

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-1

Lab Name: Laucks Testing Laboratories, Contract: JPL Groundwater Monitor

SDG No.: JPL23 Run Sequence: R013315

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-021

Sample wt/vol: 950.0 (g/mL) mL Lab File ID: OB210617.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/14/2006

Extraction: (Type) SPE Date Extracted: 11/20/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/21/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 0 Sulfur Cleanup: (Y/N) N

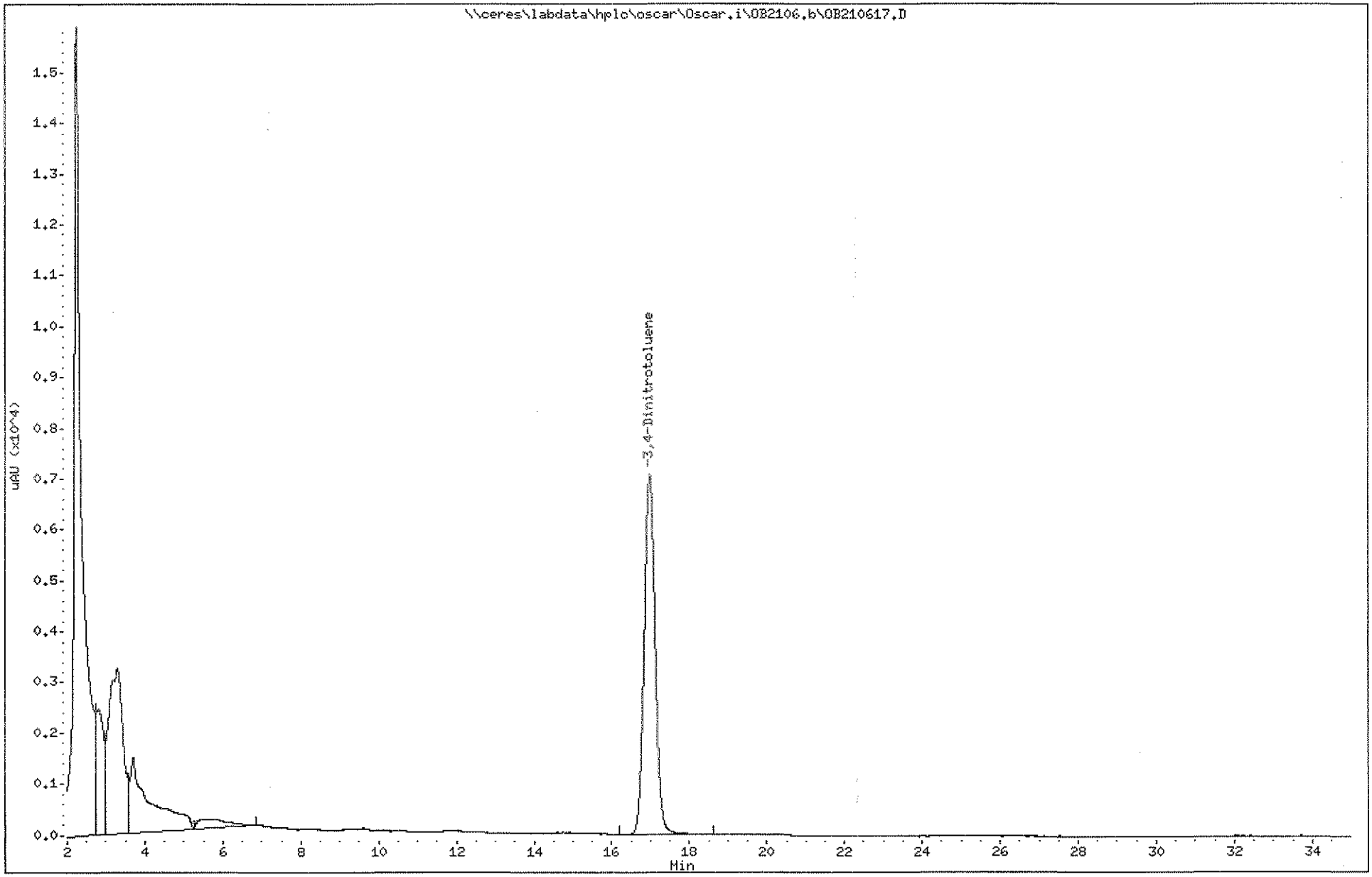
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.53	U
121-82-4	RDX	0.53	U
99-35-4	1,3,5-Trinitrobenzene	0.53	U
99-65-0	1,3-Dinitrobenzene	0.53	U
98-95-3	Nitrobenzene	0.53	U
479-45-8	Tetryl	0.53	U
118-96-7	2,4,6-Trinitrotoluene	0.53	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.53	U
35572-78-2	2-Amino-4,6-dinitrotoluene	0.53	U
606-20-2	2,6-Dinitrotoluene	0.53	U
121-14-2	2,4-Dinitrotoluene	0.53	U
88-72-2	2-Nitrotoluene	0.53	U
99-99-0	4-Nitrotoluene	0.53	U
99-08-1	3-Nitrotoluene	0.53	U

Comments:

ORD - 63

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB2106.b\OB210617.D
Date : 21-NOV-2006 19:09
Client ID: MW-18-1
Sample Info: JPL23-021 METHOD 8330
Volume Injected (uL): 50.0
Column phase: C18

Instrument: Oscar.i
Operator: MY
Column diameter: 4.60



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB2106.b/OB210617.D
Injection Date : 21-NOV-2006 19:09
Sample Info : JPL23-021 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-021 Client ID : MW-18-1
Instrument ID : Oscar.i Operator : MY
Method : 8330Nov08.m Sublist : 8330
Quantitation : ESTD Integrator : HP Genie
Dilution Factor : 2.00 Sample Type: SAMPLE
Column : C18 Column Size: 0.25m L~ 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 950.0 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Concentrations Final ug/L
	2.24		15882		
	2.80		2444		
	3.29		3244		
	3.70		1464		
	5.55		173		
3,4-Dinitrotoluene	16.98	16.69 - 17.19	7045	904.50	9.52

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

1

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-14-11/14/06

Lab Name: Laucks Testing Laboratories, Contract: JPL Groundwater Monitor

SDG No.: JPL23 Run Sequence: R013315

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-022

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: OB210618.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/14/2006

Extraction: (Type) SPE Date Extracted: 11/20/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/21/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.50	U
121-82-4	RDX	0.50	U
99-35-4	1,3,5-Trinitrobenzene	0.50	U
99-65-0	1,3-Dinitrobenzene	0.50	U
98-95-3	Nitrobenzene	0.50	U
479-45-8	Tetryl	0.50	U
118-96-7	2,4,6-Trinitrotoluene	0.50	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.50	U
35572-78-2	2-Amino-4,6-dinitrotoluene	0.50	U
606-20-2	2,6-Dinitrotoluene	0.50	U
121-14-2	2,4-Dinitrotoluene	0.50	U
88-72-2	2-Nitrotoluene	0.50	U
99-99-0	4-Nitrotoluene	0.50	U
99-08-1	3-Nitrotoluene	0.50	U

Comments:

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB2106.b\OB210618.D

Date : 21-NOV-2006 19:46

Client ID: EB-14-11/14/06

Instrument: Oscar.i

Sample Info: JPL23-022 METHOD 8330

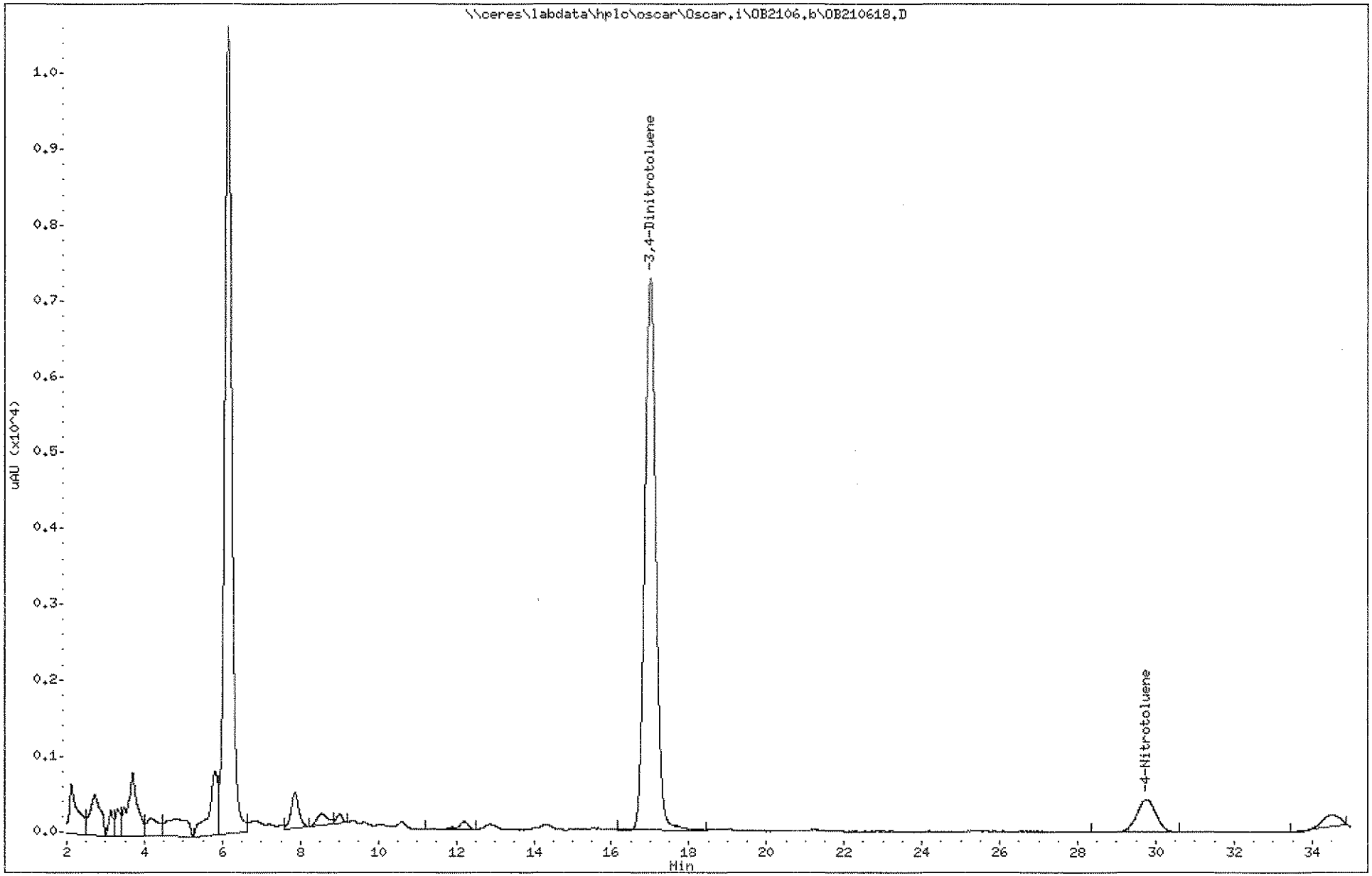
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 66



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB2106.b/OB210618.D
Injection Date : 21-NOV-2006 19:46
Sample Info : JPL23-022 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-022 Client ID : EB-14-11/14/06
Instrument ID : Oscar.i Operator : MY
Method : 8330Nov08.m Sublist : 8330
Quantitation : ESTD Integrator : HP Genie
Dilution Factor : 2.00 Sample Type: SAMPLE
Column : C18 Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 1000 ml
InjectionVol: 50.00 ul

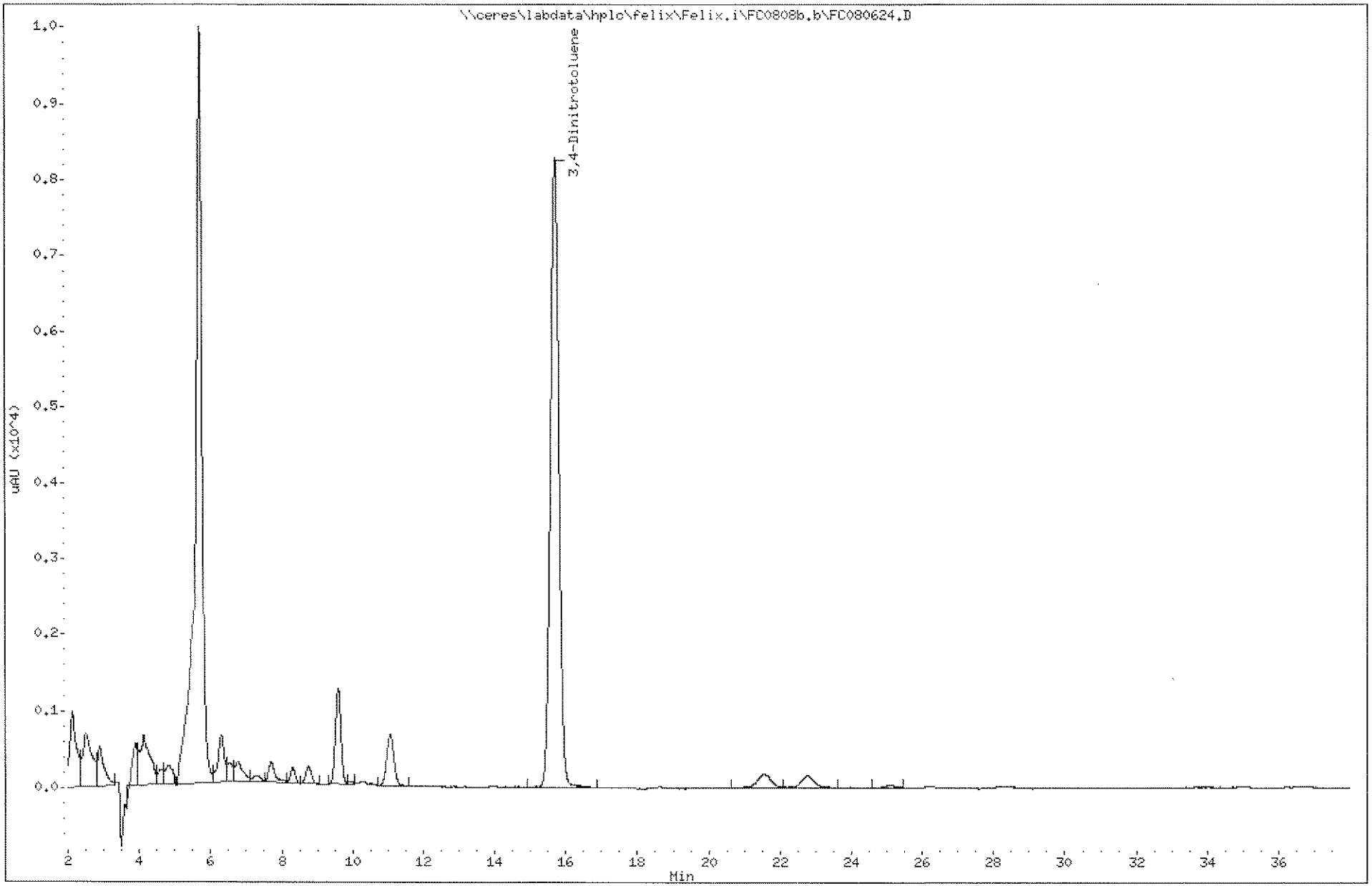
Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	2.12		651		
	2.72		522		
	3.14		327		
	3.31		351		
	3.70		825		
	4.17		236		
	5.81		834		
	6.15		10639		
	8.55		154		
	9.01		116		
	12.21		101		
3,4-Dinitrotoluene	17.00	16.69 - 17.19	7271	933.52	9.34
4-Nitrotoluene	29.77	29.25 - 30.05	420	123.61	1.24
	34.53		146		

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

Data File: \\ceres\labdata\hplc\felix\Felix.i\FC0808b.b\FC080624.D
Date : 09-DEC-2006 00:39
Client ID: EB-14-11/14/06
Sample Info: JPL23-022 METHOD 8330
Volume Injected (uL): 50.0
Column phase: EtPh

Instrument: Felix.i
Operator: ap
Column diameter: 4.60

ORD - 68



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FC0808b.b/FC080624.D
Injection Date : 09-DEC-2006 00:39
Sample Info : JPL23-022 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-022
Client ID : EB-14-11/14/06
Instrument ID : Felix.i
Operator : ap
Method : 111506syn.m
Sublist : 8330
Quantitation : ESTD
Integrator : HP Genie
Dilution Factor : 2.00
Sample Type: SAMPLE
Column : EtPh
Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 1000 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Concentrations Final ug/L
	2.12		982		
	2.50		692		
	2.88		507		
	3.90		531		
	4.13		640		
	4.61		180		
	4.83		240		
	5.69		9935		
	6.29		606		
	6.53		240		
	6.76		263		
	7.31		79		
	8.31		186		
	8.75		209		
	9.59		1234		
	11.06		672		
3,4-Dinitrotoluene	15.69	15.33 - 15.83	8297	967.61	9.68
	21.55		184		
	22.77		161		
	25.08		42		

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-5

Lab Name: Laucks Testing Laboratories, Contract: JPL Groundwater Monitor

SDG No.: JPL23 Run Sequence: R013315

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-024

Sample wt/vol: 970.0 (g/mL) mL Lab File ID: FB220606.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/15/2006

Extraction: (Type) SPE Date Extracted: 11/20/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/21/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.52	U
121-82-4	RDX	0.52	U
99-35-4	1,3,5-Trinitrobenzene	0.52	U
99-65-0	1,3-Dinitrobenzene	0.52	U
98-95-3	Nitrobenzene	11	P
479-45-8	Tetryl	0.52	U
118-96-7	2,4,6-Trinitrotoluene	0.52	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.52	U
35572-78-2	2-Amino-4,6-dinitrotoluene	0.52	U
606-20-2	2,6-Dinitrotoluene	0.52	U
121-14-2	2,4-Dinitrotoluene	0.52	U
88-72-2	2-Nitrotoluene	0.52	U
99-99-0	4-Nitrotoluene	0.52	U
99-08-1	3-Nitrotoluene	0.52	U

we checks

Comments:

CONFIRMATION SUMMRY WORKSHEET
FOR SINGLE COMPONENT ANALYTES

Client Sample ID

MW-4-5

Lab Name: Laucks Testing Labs, Inc.

Lab Sample ID: JPL23-024

Instrument ID: HPLC5 (Oscar)

Run Sequence ID: R013315

Column (1): Allure C18

Column (2): Synergi - EtPH

File (1): OB2106.b-OB210619.D

File (2): FB2206.b-FB220606.D

Date Analyzed (1): 11/21/2006 8:23:00 PM

Date Analyzed (2): 11/22/2006 1:19:00 PM

ANALYTE	COL	CONCENTRATION Final Units: ug/L		RPD	RT	RT Window
Nitrobenzene	1	11.2505	X	148.8 %	16.07	16.05 - 16.55
	2	1.65218			9.91	9.81 - 10.31

X = Concentration Reported

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB2106.b\OB210619.D

Page 1

Date : 21-NOV-2006 20:23

Client ID: MW-4-5

Instrument: Oscar.i

Sample Info: JPL23-024 METHOD 8330

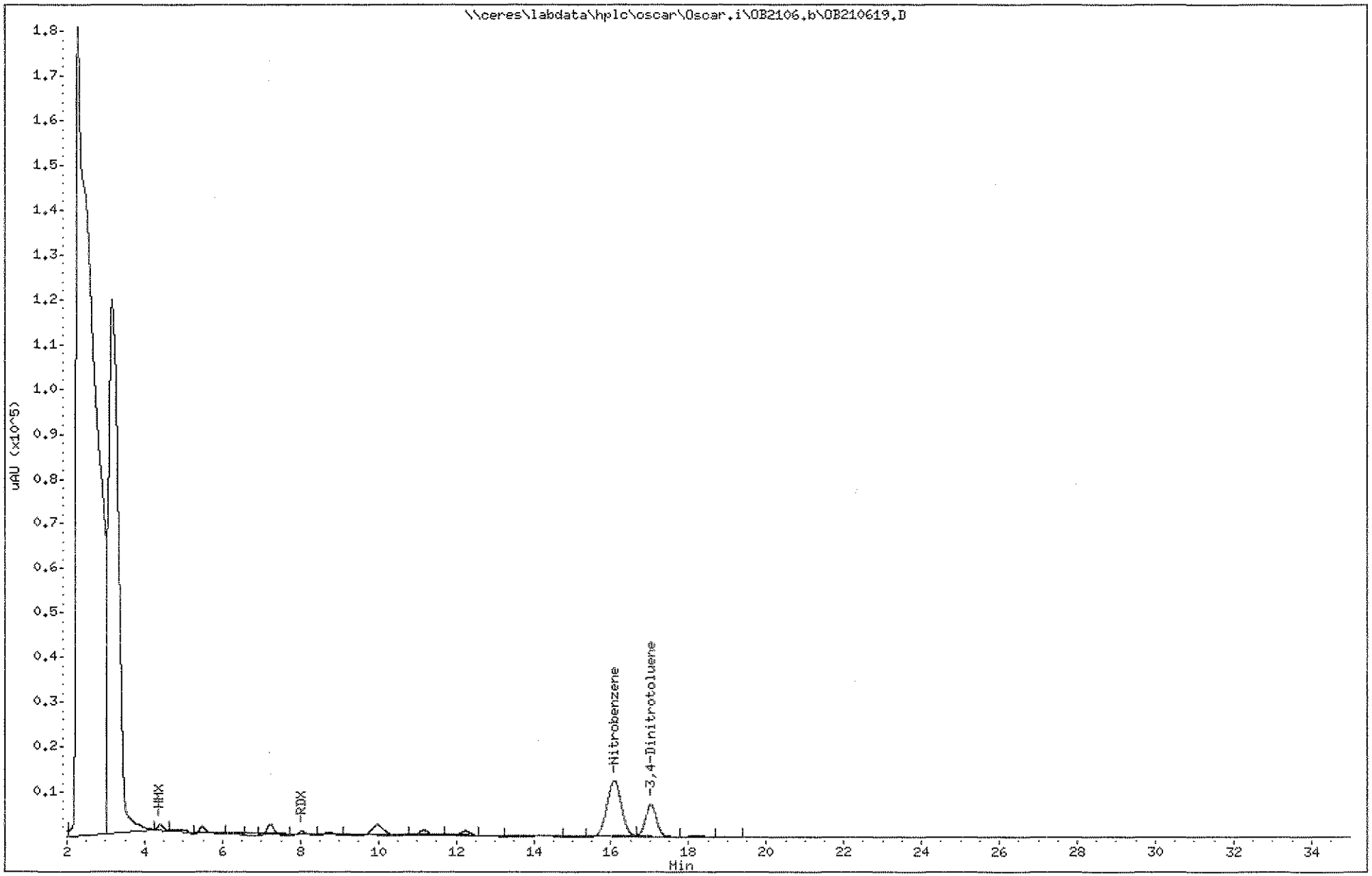
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 72



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB2106.b/OB210619.D
Injection Date : 21-NOV-2006 20:23
Sample Info : JPL23-024 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-024 Client ID : MW-4-5
Instrument ID : Oscar.i Operator : MY
Method : 8330Nov08.m Sublist : 8330
Quantitation : ESTD Integrator : HP Genie
Dilution Factor : 2.00 Sample Type: SAMPLE
Column : C18 Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 970.0 ml
InjectionVol: 50.00 ul

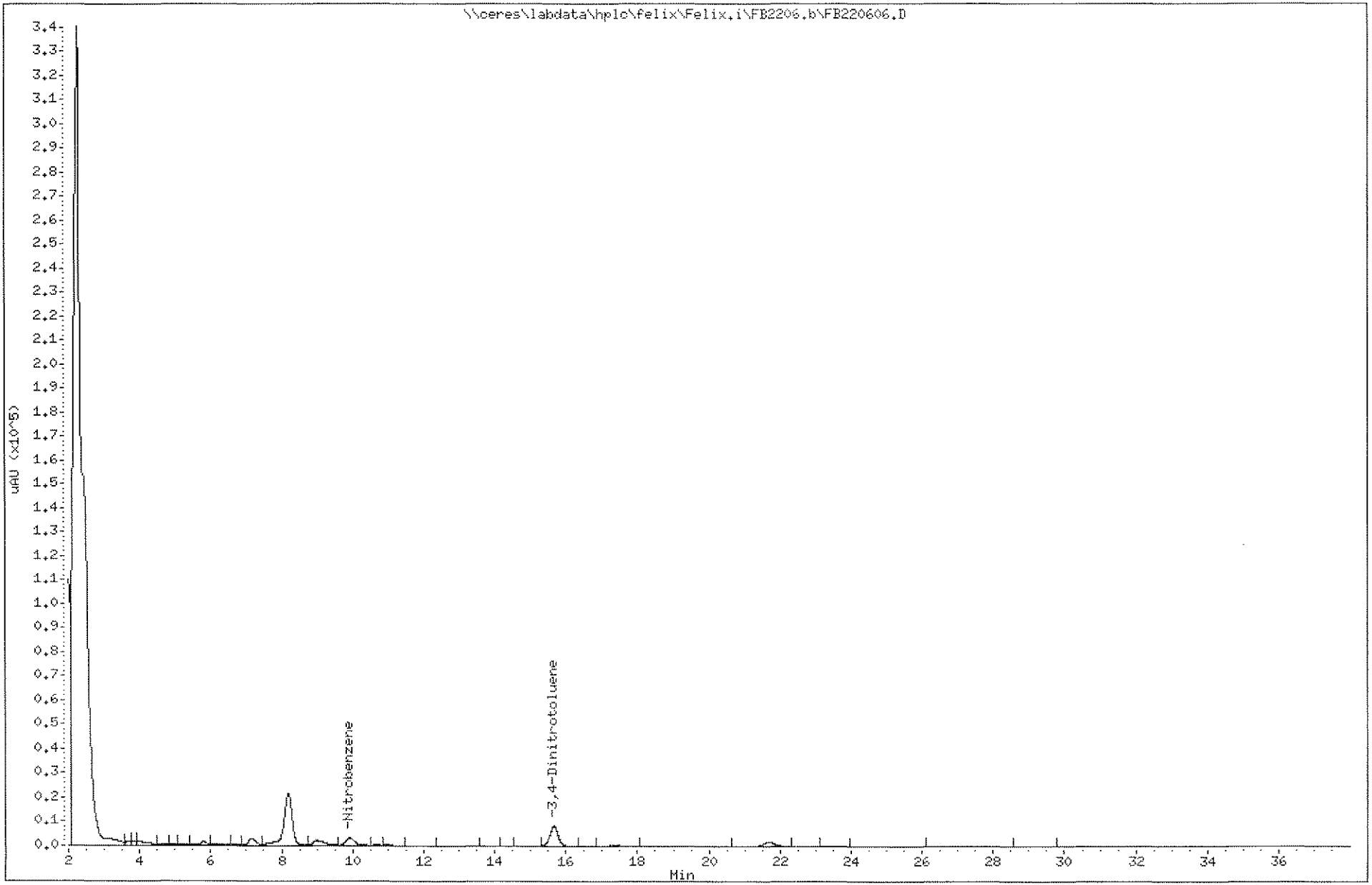
Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	1.82		6126		
	2.28		180645		
	3.16		118967		
HMX	4.40	4.36 - 4.86	1425	109.57	1.13
	4.98		656		
	5.48		12359		
	6.29		116		
	7.23		2122		
RDX	8.03	7.78 - 8.28	542	51.164	0.527
	8.73		415		
	9.98		2158		
	11.17		1000		
	12.24		1005		
	12.77		64		
Nitrobenzene	16.07	16.01 - 16.51	12429	1091.3	11.2
3,4-Dinitrotoluene	17.02	16.69 - 17.19	7244	930.05	9.59
	18.21		181		

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

Data File: \\ceres\labdata\hplc\felix\Felix.i\FB2206.b\FB220606.D
Date : 22-NOV-2006 13:19
Client ID: MW-4-5
Sample Info: JPL23-024 METHOD 8330
Volume Injected (uL): 50.0
Column phase: EtPh

Instrument: Felix.i
Operator: ap
Column diameter: 4.60

ORD - 74



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FB2206.b/FB220606.D
Injection Date : 22-NOV-2006 13:19
Sample Info : JPL23-024 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-024
Instrument ID : Felix.i
Method : 050806syn.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : EtPh

Client ID : MW-4-5
Operator : ap
Sublist : 8330
Integrator : HP Genie
Sample Type: SAMPLE
Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 970.0 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Concentrations Final ug/L
	2.01		110115		
	2.28		340660		
	3.67		1544		
	3.86		1625		
	3.98		1656		
	4.78		518		
	4.98		675		
	5.16		552		
	5.80		1753		
	6.29		676		
	6.74		353		
	7.16		2781		
	8.19		21901		
	8.99		1989		
Nitrobenzene	9.91	9.83 - 10.33	3177	160.26	1.65
	10.69		310		
	10.98		336		
	13.97		205		
3,4-Dinitrotoluene	15.66	15.36 - 15.86	8337	1001.9	10.3
	17.34		319		
	21.69		1669		
	22.77		105		
	23.35		83		
	24.70		199		
	29.19		81		

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

1

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-1

Lab Name: Laucks Testing Laboratories, Contract: JPL Groundwater Monitor

SDG No.: JPL23 Run Sequence: R013315

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-025

Sample wt/vol: 970.0 (g/mL) mL Lab File ID: OB210620.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/15/2006

Extraction: (Type) SPE Date Extracted: 11/20/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/21/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.52	U
121-82-4	RDX	0.52	U
99-35-4	1,3,5-Trinitrobenzene	0.52	U
99-65-0	1,3-Dinitrobenzene	0.52	U
98-95-3	Nitrobenzene	0.52	U
479-45-8	Tetryl	0.52	U
118-96-7	2,4,6-Trinitrotoluene	0.52	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.52	U
35572-78-2	2-Amino-4,6-dinitrotoluene	0.52	U
606-20-2	2,6-Dinitrotoluene	0.52	U
121-14-2	2,4-Dinitrotoluene	0.52	U
88-72-2	2-Nitrotoluene	0.52	U
99-99-0	4-Nitrotoluene	0.52	U
99-08-1	3-Nitrotoluene	0.52	U

Comments:

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB2106.b\OB210620.D

Date : 21-NOV-2006 21:00

Client ID: MW-3-1

Instrument: Oscar.i

Sample Info: JPL23-025 METHOD 8330

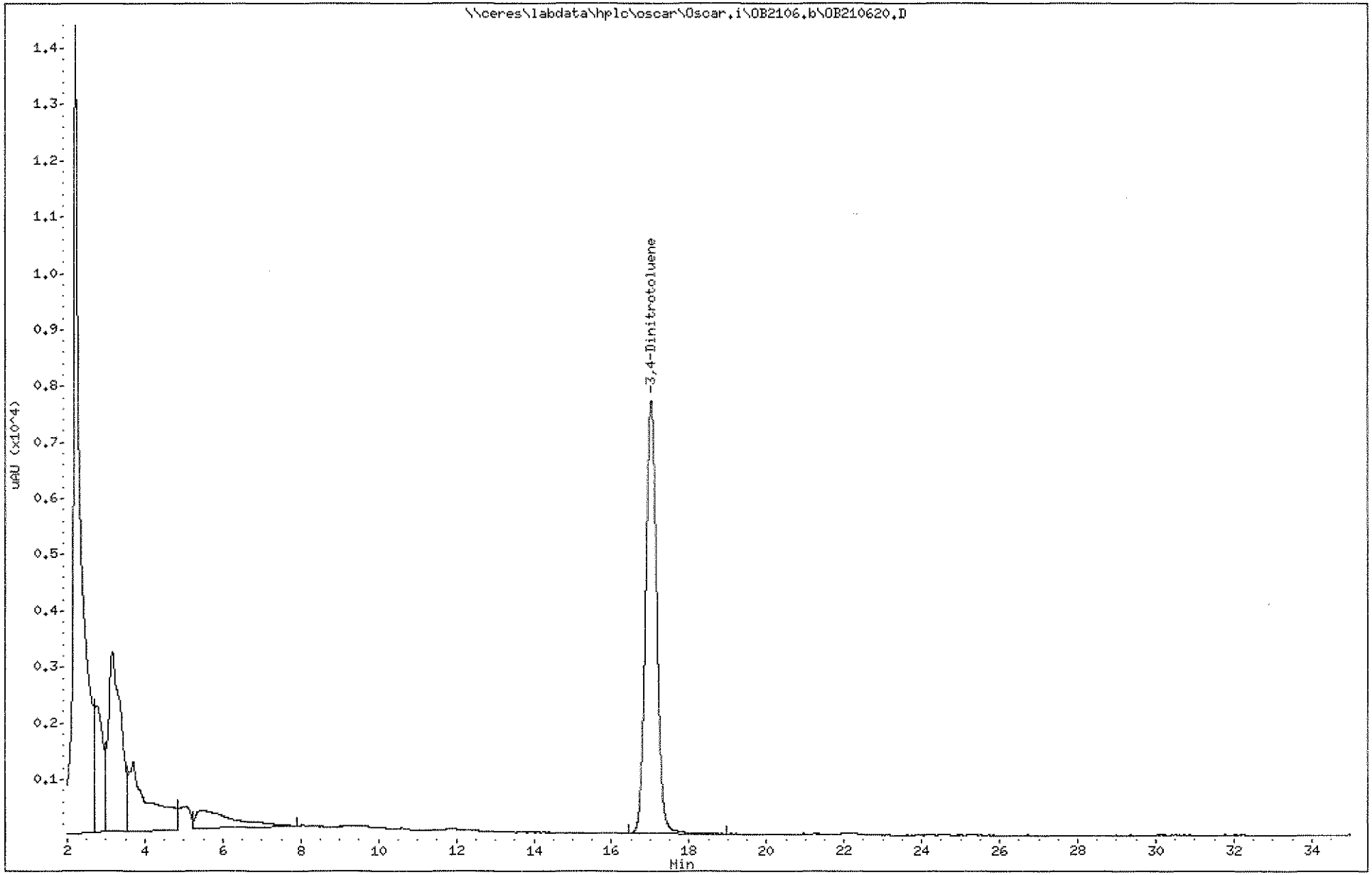
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 77



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB2106.b/OB210620.D
Injection Date : 21-NOV-2006 21:00
Sample Info : JPL23-025 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-025 Client ID : MW-3-1
Instrument ID : Oscar.i Operator : MY
Method : 8330Nov08.m Sublist : 8330
Quantitation : ESTD Integrator : HP Genie
Dilution Factor : 2.00 Sample Type: SAMPLE
Column : C18 Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 970.0 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	2.21		14081		
	2.76		2242		
	3.16		3201		
	3.70		1239		
	5.50		320		
3,4-Dinitrotoluene	17.02	16.69 - 17.19	7693	987.70	10.2

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-10-11/8/06

Lab Name: Laucks Testing Laboratories, Contract: JPL Groundwater Monitor

SDG No.: JPL23 Run Sequence: R013315

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL23-026

Sample wt/vol: 1040.0 (g/mL) mL Lab File ID: OB210623.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/15/2006

Extraction: (Type) SPE Date Extracted: 11/20/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/21/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

GPC Cleanup: (Y/N) N pH: 0 Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.48	U
121-82-4	RDX	0.48	U
99-35-4	1,3,5-Trinitrobenzene	0.48	U
99-65-0	1,3-Dinitrobenzene	0.48	U
98-95-3	Nitrobenzene	0.48	U
479-45-8	Tetryl	0.48	U
118-96-7	2,4,6-Trinitrotoluene	0.48	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.48	U
35572-78-2	2-Amino-4,6-dinitrotoluene	0.48	U
606-20-2	2,6-Dinitrotoluene	0.48	U
121-14-2	2,4-Dinitrotoluene	0.48	U
88-72-2	2-Nitrotoluene	0.48	U
99-99-0	4-Nitrotoluene	0.48	U
99-08-1	3-Nitrotoluene	0.48	U

Comments:

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB2106.b\OB210623.D

Page 1

Date : 21-NOV-2006 22:51

Client ID: EB-10-11/8/06

Instrument: Oscar.i

Sample Info: JPL23-026 METHOD 8330

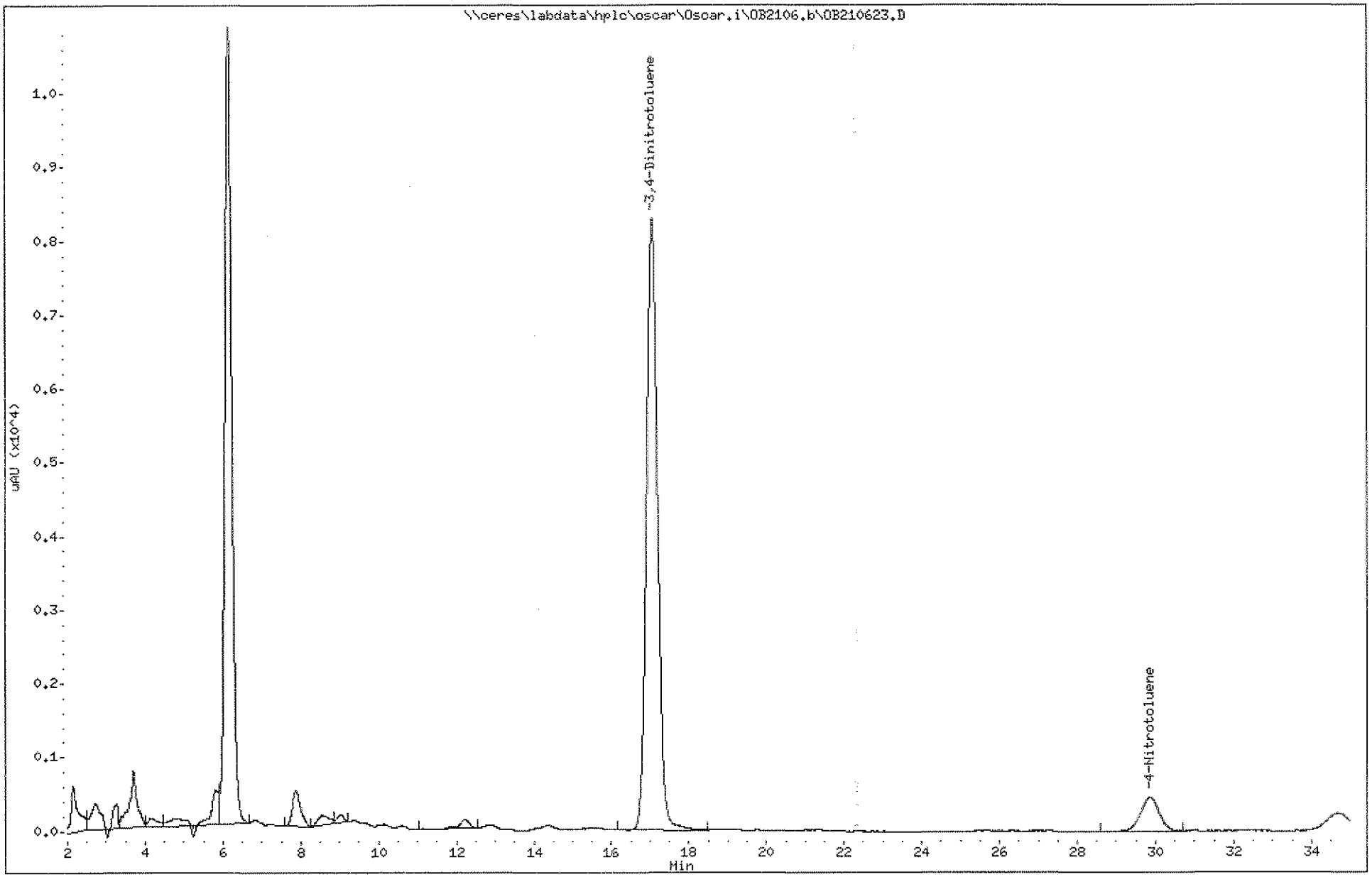
Volume Injected (uL): 50.0

Operator: NY

Column phase: C18

Column diameter: 4.60

ORD - 80



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB2106.b/OB210623.D
Injection Date : 21-NOV-2006 22:51
Sample Info : JPL23-026 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-026 Client ID : EB-10-11/8/06
Instrument ID : Oscar.i Operator : MY
Method : 8330Nov08.m Sublist : 8330
Quantitation : ESTD Integrator : HP Genie
Dilution Factor : 2.00 Sample Type: SAMPLE
Column : C18 Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 1040 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Concentrations Final ug/L
	2.15		599		
	2.72		343		
	3.25		338		
	3.70		761		
	4.16		122		
	5.82		463		
	6.15		10796		
	8.57		131		
	9.02		117		
	12.22		121		
3,4-Dinitrotoluene	17.06	16.69 - 17.19	8288	1064.1	10.2
4-Nitrotoluene	29.85	29.25 - 30.05	451	132.74	1.28

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

Data File: \\ceres\labdata\hplc\felix\Felix.i\FB2206.b\FB220607.D

Page 1

Date : 22-NOV-2006 13:59

Client ID: EB-10-11/8/06

Instrument: Felix.i

Sample Info: JPL23-026 METHOD 8330

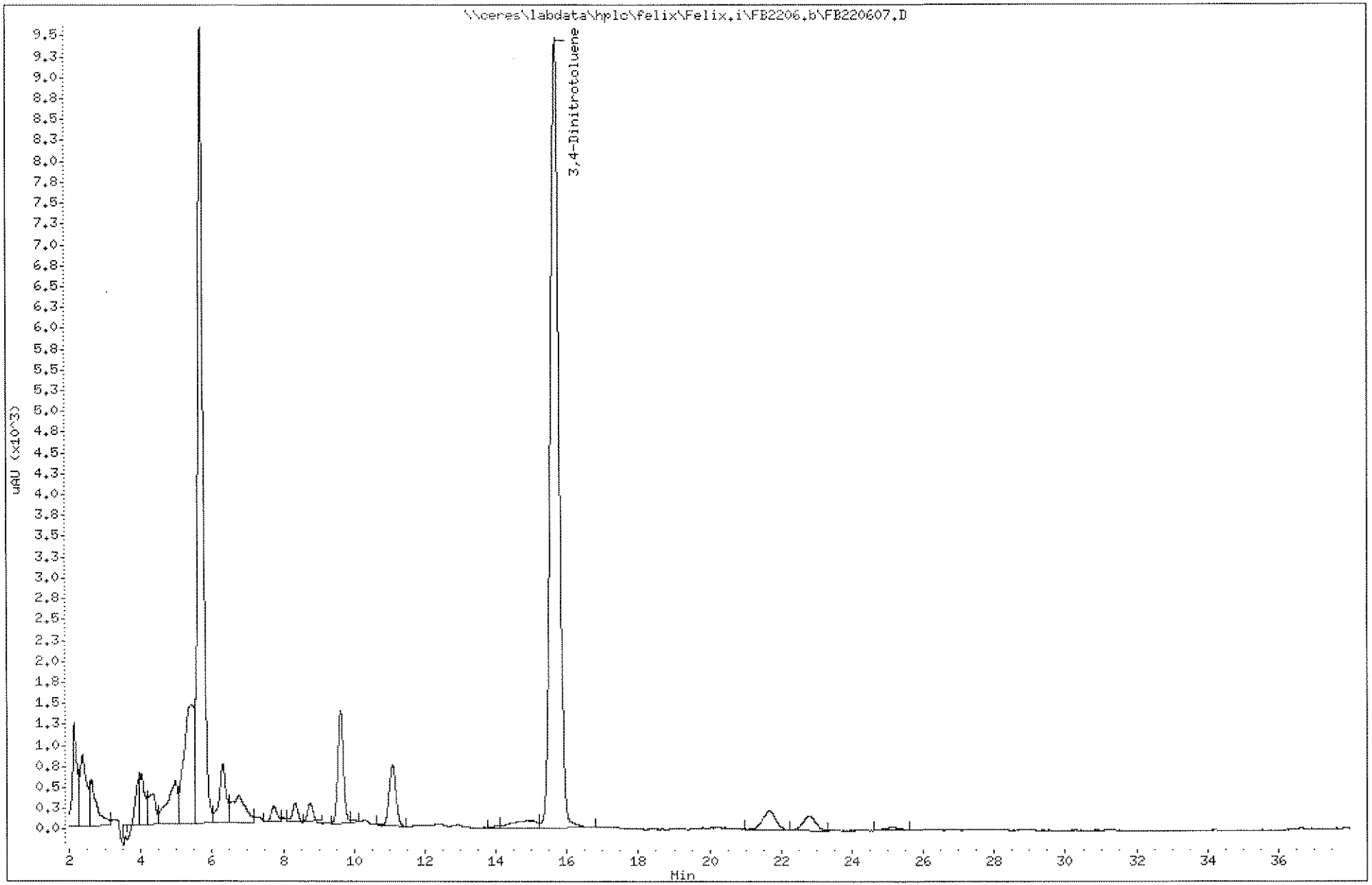
Volume Injected (uL): 50.0

Operator: ap

Column phase: EtPh

Column diameter: 4.60

ORD - 82



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FB2206.b/FB220607.D
Injection Date : 22-NOV-2006 13:59
Sample Info : JPL23-026 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL23-026
Instrument ID : Felix.i
Method : 050806syn.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : EtPh

Client ID : EB-10-11/8/06
Operator : ap
Sublist : 8330
Integrator : HP Genie
Sample Type: SAMPLE
Column Size: 0.25m L- 4.60mm ID

UnitFactor : 1.000
FinalVolume : 5000 ul
SampleVolume: 1040 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	2.14		1232		
	2.37		845		
	2.62		559		
	3.56		133		
	3.93		531		
	4.01		601		
	4.34		365		
	4.97		506		
	5.43		1405		
	5.70		9526		
	6.31		690		
	6.75		317		
	8.33		215		
	8.76		203		
	9.63		1331		
	11.09		717		
	14.87		88		
3,4-Dinitrotoluene	15.68	15.36 - 15.86	9455	1136.2	10.9
	21.67		225		
	22.80		177		
	25.15		39		

Response is in height units.
M - The peak was manually integrated.
E - The quantitated amount exceeds the calibration range.

Metals Data

JPL23

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

SOW No.:

Sample No.	Lab Sample ID
MW-4-4	JPL23-006
MW-4-3	JPL23-007
EB-11-11/9/06	JPL23-008
MW-4-2	JPL23-010
MW-4-1	JPL23-011
DUPE-3-4Q06	JPL23-012
EB-12-11/10/06	JPL23-013
MW-18-5	JPL23-015
MW-18-4	JPL23-016
MW-18-2	JPL23-017
EB-13-11/13/06	JPL23-018
MW-18-3	JPL23-020
MW-18-3MS	JPL23-020MS
MW-18-3MSD	JPL23-020MSD
MW-18-1	JPL23-021
EB-14-11/14/06	JPL23-022
MW-4-5	JPL23-024
MW-3-1	JPL23-025
MW-3-1MS	JPL23-025MS
MW-3-1MSD	JPL23-025MSD
EB-10-11/8/06	JPL23-026

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: 12/04/2006 Title: Metals Lead

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

SOW No.:

Sample No.	Lab Sample ID
SB-1-11/8/06	JPL23-027

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 Oreid

Date: 12/04/2006 Title: Metals Lead

Metals Analysis Data Sheets

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-4-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

Matrix (soil/water): Water Lab Sample ID: JPL23-006

Level (low/med): LOW Date Received: 11/10/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.71		E		R012989
7440-31-5	Tin	10.0	U			R012989

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-4-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

Matrix (soil/water): Water Lab Sample ID: JPL23-007

Level (low/med): LOW Date Received: 11/10/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.33		E		R012989
7440-31-5	Tin	10.0	U			R012989

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-11-11/9/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

Matrix (soil/water): Water Lab Sample ID: JPL23-008

Level (low/med): LOW Date Received: 11/10/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.45		E		R012989
7440-31-5	Tin	10.0	U			R012989

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.: JPL23

Matrix (soil/water): Water Lab Sample ID: JPL23-010

Level (low/med): LOW Date Received: 11/11/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.26		E		R012989
7440-31-5	Tin	10.0	U			R012989

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-4-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

Matrix (soil/water): Water Lab Sample ID: JPL23-011

Level (low/med): LOW Date Received: 11/11/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.52		E		R012989
7440-31-5	Tin	10.0	U			R012989

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.

DUPE-3-4Q06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

Matrix (soil/water): Water Lab Sample ID: JPL23-012

Level (low/med): LOW Date Received: 11/11/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.20		E		R012989
7440-31-5	Tin	10.0	U			R012989

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-12-11/10/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

Matrix (soil/water): Water Lab Sample ID: JPL23-013

Level (low/med): LOW Date Received: 11/11/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.97		E		R012989
7440-31-5	Tin	10.0	U			R012989

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-18-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

Matrix (soil/water): Water Lab Sample ID: JPL23-015

Level (low/med): LOW Date Received: 11/14/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.42		E		R012989
7440-31-5	Tin	10.0	U			R012989

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-18-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

Matrix (soil/water): Water Lab Sample ID: JPL23-016

Level (low/med): LOW Date Received: 11/14/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.28		E		R012989
7440-31-5	Tin	10.0	U			R012989

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-18-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

Matrix (soil/water): Water Lab Sample ID: JPL23-017

Level (low/med): LOW Date Received: 11/14/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.35		E		R012989
7440-31-5	Tin	10.0	U			R012989

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-13-11/13/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

Matrix (soil/water): Water Lab Sample ID: JPL23-018

Level (low/med): LOW Date Received: 11/14/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.33		E		R012989
7440-31-5	Tin	10.0	U			R012989

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-18-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

Matrix (soil/water): Water Lab Sample ID: JPL23-020

Level (low/med): LOW Date Received: 11/15/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.42		E		R012989
7440-31-5	Tin	10.0	U			R012989

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-18-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

Matrix (soil/water): Water Lab Sample ID: JPL23-021

Level (low/med): LOW Date Received: 11/15/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.66		E		R012989
7440-31-5	Tin	10.0	U			R012989

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-14-11/14/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

Matrix (soil/water): Water Lab Sample ID: JPL23-022

Level (low/med): LOW Date Received: 11/15/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.79		E		R012989
7440-31-5	Tin	10.0	U			R012989

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-4-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

Matrix (soil/water): Water Lab Sample ID: JPL23-024

Level (low/med): LOW Date Received: 11/16/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.64		E		R012989
7440-31-5	Tin	10.0	U			R012989

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-3-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

Matrix (soil/water): Water Lab Sample ID: JPL23-025

Level (low/med): LOW Date Received: 11/16/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.10		E		R012989
7440-31-5	Tin	10.0	U			R012989

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-10-11/8/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

Matrix (soil/water): Water Lab Sample ID: JPL23-026

Level (low/med): LOW Date Received: 11/16/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.51		E		R012989
7440-31-5	Tin	10.0	U			R012989

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.

SB-1-11/8/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL23

Matrix (soil/water): Water Lab Sample ID: JPL23-027

Level (low/med): LOW Date Received: 11/16/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.65		E		R012989

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts: No

Comment

Miscellaneous Inorganic Data

JPL23

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LAUCKS TESTING LABS, INC.

Lab Code: LAUCKS SDG No.: JPL23

Client Identification	Lab Sample Work Order Number
MW-4-4	JPL23-006
MW-4-3	JPL23-007
EB-11-11/9/06	JPL23-008
MW-4-2	JPL23-010
MW-4-1	JPL23-011
DUPE-3-4Q06	JPL23-012
EB-12-11/10/06	JPL23-013
MW-18-5	JPL23-015
MW-18-4	JPL23-016
MW-18-2	JPL23-017
EB-13-11/13/06	JPL23-018
MW-18-3	JPL23-020
MW-18-3MS	JPL23-020MS
MW-18-3MSD	JPL23-020MSD
MW-18-1	JPL23-021
EB-14-11/14/06	JPL23-022
MW-4-5	JPL23-024
MW-3-1	JPL23-025
MW-3-1MS	JPL23-025MS
MW-3-1MSD	JPL23-025MSD
EV-10-11/8/06	JPL23-026

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: 12-5-06 Title: Inorganics Lead

Lab Name: LAUCKS TESTING LABS, INC.

Lab Code: LAUCKS SDG No.: JPL23

Client Identification	Lab Sample Work Order Number
EB-10-11/8/06MS	JPL23-026MS
EB-10-11/8/06MSD	JPL23-026MSD
SB-1-11/8/06	JPL23-027

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: 12-5-06 Title: Inorganics Lead

Inorganic Analysis Data Sheets

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL23

Sample Number: MW-4-4 **Date/Time Collected:** 11/09/2006 07:43

Lab Sample ID: JPL23-006 **Date/Time Received:** 11/10/2006 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	1.1	11/21/2006	11/22/2006	R012782

Method: E370.1 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Silica, Dissolved (as SiO2)	7631-86-9	10	17		0.20	0.080	11/29/2006	11/29/2006	R012969

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL23

Sample Number: MW-4-3 **Date/Time Collected:** 11/09/2006 09:58

Lab Sample ID: JPL23-007 **Date/Time Received:** 11/10/2006 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	1.1	11/21/2006	11/22/2006	R012782

Method: E370.1 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Silica, Dissolved (as SiO2)	7631-86-9	1	0.49		0.020	0.0080	11/29/2006	11/29/2006	R012969

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL23

Sample Number: EB-11-11/9/06 **Date/Time Collected:** 11/09/2006 09:08

Lab Sample ID: JPL23-008 **Date/Time Received:** 11/10/2006 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	0.54	11/21/2006	11/22/2006	R012782

Method: E370.1 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Silica, Dissolved (as SiO2)	7631-86-9	1	0.034		0.020	0.0080	11/15/2006	11/15/2006	R012741

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL23

Sample Number: MW-4-2 **Date/Time Collected:** 11/10/2006 07:58

Lab Sample ID: JPL23-010 **Date/Time Received:** 11/11/2006 10:35

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	2.2	11/21/2006	11/22/2006	R012782

Method: E370.1 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Silica, Dissolved (as SiO2)	7631-86-9	10	49		0.20	0.080	11/29/2006	11/29/2006	R012969

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL23

Sample Number: MW-4-1 **Date/Time Collected:** 11/10/2006 11:30

Lab Sample ID: JPL23-011 **Date/Time Received:** 11/11/2006 10:35

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	1.1	11/21/2006	11/22/2006	R012782

Method: E370.1 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Silica, Dissolved (as SiO2)	7631-86-9	10	21		0.20	0.080	11/29/2006	11/29/2006	R012969

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL23

Sample Number: DUPE-3-4Q06 **Date/Time Collected:** 11/10/2006 00:00

Lab Sample ID: JPL23-012 **Date/Time Received:** 11/11/2006 10:35

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	2.2	11/21/2006	11/22/2006	R012782

Method: E370.1 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Silica, Dissolved (as SiO2)	7631-86-9	10	48		0.20	0.080	11/29/2006	11/29/2006	R012969

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL23

Sample Number: EB-12-11/10/06 **Date/Time Collected:** 11/10/2006 10:01

Lab Sample ID: JPL23-013 **Date/Time Received:** 11/11/2006 10:35

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	0.54	11/21/2006	11/22/2006	R012782

Method: E370.1 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Silica, Dissolved (as SiO2)	7631-86-9	1	0.021		0.020	0.0080	11/15/2006	11/15/2006	R012741

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL23

Sample Number: MW-18-5 **Date/Time Collected:** 11/13/2006 08:33

Lab Sample ID: JPL23-015 **Date/Time Received:** 11/14/2006 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	1.1	11/21/2006	11/22/2006	R012782

Method: E370.1 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Silica, Dissolved (as SiO2)	7631-86-9	10	19		0.20	0.080	11/29/2006	11/29/2006	R012969

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL23

Sample Number: MW-18-4 **Date/Time Collected:** 11/13/2006 10:54

Lab Sample ID: JPL23-016 **Date/Time Received:** 11/14/2006 08:30

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

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	14		2.0	1.1	11/21/2006	11/22/2006	R012782

Method: E370.1 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Silica, Dissolved (as SiO2)	7631-86-9	10	24		0.20	0.080	11/29/2006	11/29/2006	R012969

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL23

Sample Number: MW-18-2 **Date/Time Collected:** 11/13/2006 13:18

Lab Sample ID: JPL23-017 **Date/Time Received:** 11/14/2006 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	0.54	11/21/2006	11/22/2006	R012782

Method: E370.1 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Silica, Dissolved (as SiO2)	7631-86-9	10	22		0.20	0.080	11/29/2006	11/29/2006	R012969

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL23

Sample Number: EB-13-11/13/06 **Date/Time Collected:** 11/13/2006 11:32

Lab Sample ID: JPL23-018 **Date/Time Received:** 11/14/2006 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	2.2	11/21/2006	11/22/2006	R012782

Method: E370.1 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Silica, Dissolved (as SiO2)	7631-86-9	1	0.020	U	0.020	0.0080	11/15/2006	11/15/2006	R012741

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL23

Sample Number: MW-18-3 **Date/Time Collected:** 11/14/2006 08:01

Lab Sample ID: JPL23-020 **Date/Time Received:** 11/15/2006 09:00

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

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	23		4.0	2.2	11/21/2006	11/22/2006	R012782

Method: E370.1 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Silica, Dissolved (as SiO2)	7631-86-9	10	23		0.20	0.080	11/29/2006	11/29/2006	R012969

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL23

Sample Number: MW-18-1 **Date/Time Collected:** 11/14/2006 12:11

Lab Sample ID: JPL23-021 **Date/Time Received:** 11/15/2006 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	1.1	11/21/2006	11/22/2006	R012782

Method: E370.1 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Silica, Dissolved (as SiO2)	7631-86-9	10	30		0.20	0.080	11/29/2006	11/29/2006	R012969

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL23

Sample Number: EB-14-11/14/06 **Date/Time Collected:** 11/14/2006 09:18

Lab Sample ID: JPL23-022 **Date/Time Received:** 11/15/2006 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	0.54	11/29/2006	11/30/2006	R012909

Method: E370.1 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Silica, Dissolved (as SiO2)	7631-86-9	1	0.020	U	0.020	0.0080	11/15/2006	11/15/2006	R012741

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL23

Sample Number: MW-4-5 **Date/Time Collected:** 11/15/2006 08:00

Lab Sample ID: JPL23-024 **Date/Time Received:** 11/16/2006 15:15

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	1.1	11/29/2006	11/30/2006	R012909

Method: E370.1 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Silica, Dissolved (as SiO2)	7631-86-9	10	8.8		0.20	0.080	11/29/2006	11/29/2006	R012969

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL23

Sample Number: MW-3-1 **Date/Time Collected:** 11/15/2006 09:59

Lab Sample ID: JPL23-025 **Date/Time Received:** 11/16/2006 15:15

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	1.1	11/29/2006	11/30/2006	R012909

Method: E370.1 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Silica, Dissolved (as SiO2)	7631-86-9	10	20		0.20	0.080	11/29/2006	11/29/2006	R012969

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL23

Sample Number: EB-10-11/8/06 **Date/Time Collected:** 11/15/2006 08:13

Lab Sample ID: JPL23-026 **Date/Time Received:** 11/16/2006 15:15

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	0.54	11/29/2006	11/30/2006	R012909

Method: E370.1 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Silica, Dissolved (as SiO2)	7631-86-9	1	0.036		0.020	0.0080	11/29/2006	11/29/2006	R012970

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL23

Sample Number: SB-1-11/8/06 **Date/Time Collected:** 11/15/2006 08:25

Lab Sample ID: JPL23-027 **Date/Time Received:** 11/16/2006 15:15

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	0.54	11/29/2006	11/30/2006	R012909

SAMPLE DATA

SDG # JPL24

Volatiles Analysis

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-5

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL24

Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL24-001

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

Lab File ID: Y1121017.D

Level: (LOW/MED)

Date Collected: 11/16/2006

% Moisture: not dec.

Date/Time Analyzed: 11/21/2006 16:35

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-11-5

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121017.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 16:35

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-11-5

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121017.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 16:35

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

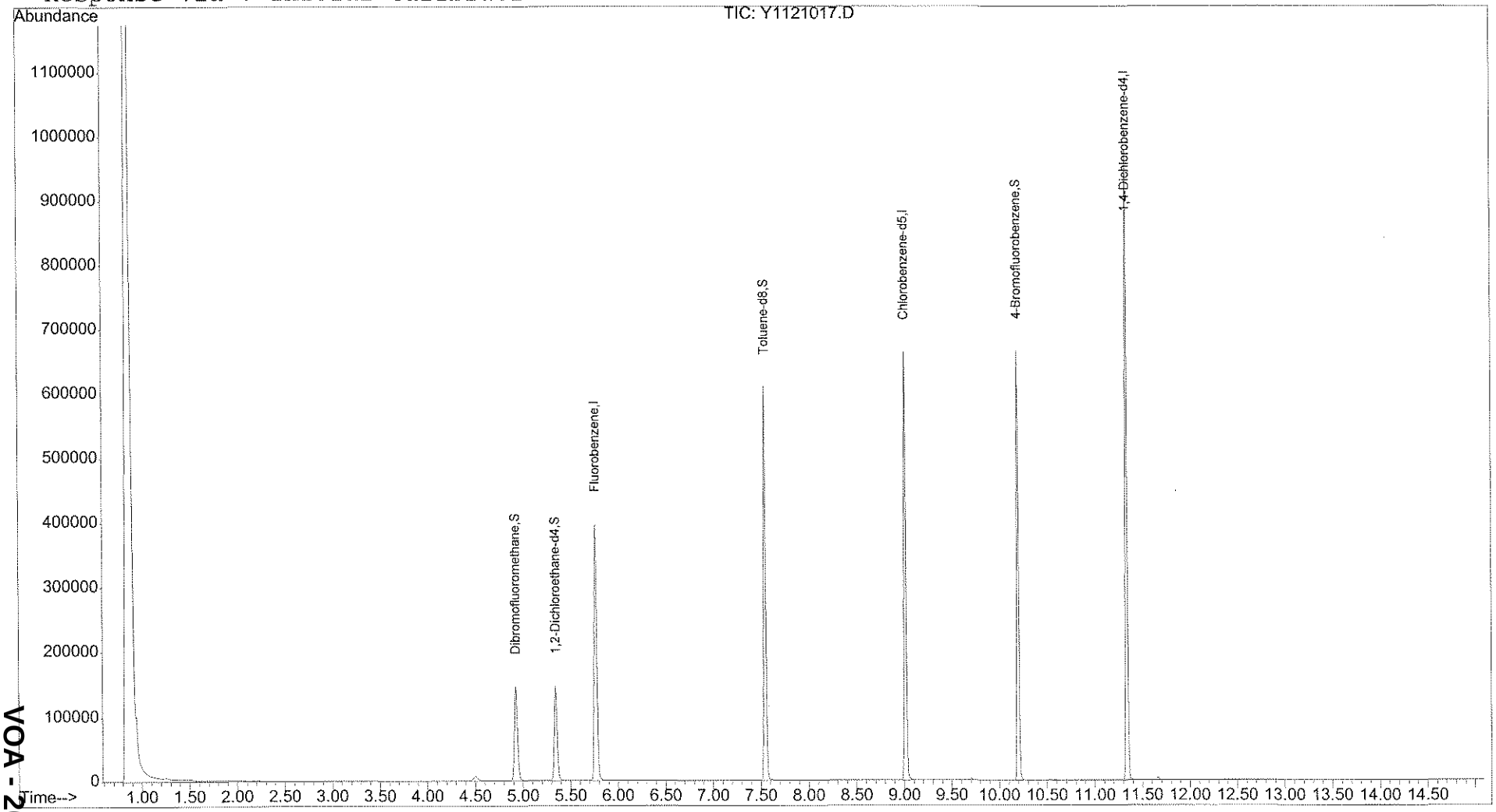
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121017.D Vial: 29
Acq On : 21 Nov 2006 16:35 Operator: LH
Sample : JPL24-001 MW-11-5 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:30 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 20

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121017.D Vial: 29
Acq On : 21 Nov 2006 16:35 Operator: LH
Sample : JPL24-001 MW-11-5 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:30 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	371288	50.00 ug/l	0.00 94.30%
50) Chlorobenzene-d5	9.01	82	179308	50.00 ug/l	0.00 108.71%
70) 1,4-Dichlorobenzene-d4	11.34	152	226997	50.00 ug/l	0.00 93.19%
System Monitoring Compounds					
32) Dibromofluoromethane	4.93	111	105407	47.83 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	110056	56.04 ug/l	0.00
51) Toluene-d8	7.55	98	355909	49.03 ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	182415	56.60 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) 1,1-Dichloroethene	0.00	96	0	N.D.	
9) Acrolein	0.00	56	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.16	43	590	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.22	76	1199	N.D.	
15) Acetonitrile	0.00	40	0	N.D. d	
16) Allyl chloride	0.00	76	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.53	84	57	~~Below Cal #~~	1
19) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	0.00	53	0	N.D.	
22) Vinyl acetate	0.00	43	0	N.D.	
23) 1,1-Dichloroethane	0.00	63	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.	

JH 11/22/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121017.D Vial: 29
Acq On : 21 Nov 2006 16:35 Operator: LH
Sample : JPL24-001 MW-11-5 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:30 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1595	~~Below Cal~~ #	1
52)	Toluene	7.61	92	125	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	186	N.D.	
63)	Ethylbenzene	9.17	91	186	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	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	1326	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.20	105	194	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

11/22/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121017.D Vial: 29
Acq On : 21 Nov 2006 16:35 Operator: LH
Sample : JPL24-001 MW-11-5 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:30 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0		N.D.	
75)	Bromobenzene	0.00	156	0		N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0		N.D.	
77)	2-Chlorotoluene	10.47	91	76		N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0		N.D.	
79)	4-Chlorotoluene	10.65	91	59		N.D.	
80)	tert-Butylbenzene	0.00	119	0		N.D.	
81)	1,2,4-Trimethylbenzene	11.02	105	60		N.D.	
82)	sec-butylbenzene	11.02	105	60		N.D.	
83)	4-Isopropyltoluene	11.34	119	251		N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0		N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0		N.D.	
86)	n-Butylbenzene	11.74	91	212		N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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-11-4

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121018.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 16:59

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	0.50	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-11-4

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121018.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 16:59

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	0.50	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.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121018.D

Level: (LOW/MED) _____ Date Collected: 11/16/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/21/2006 16:59

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

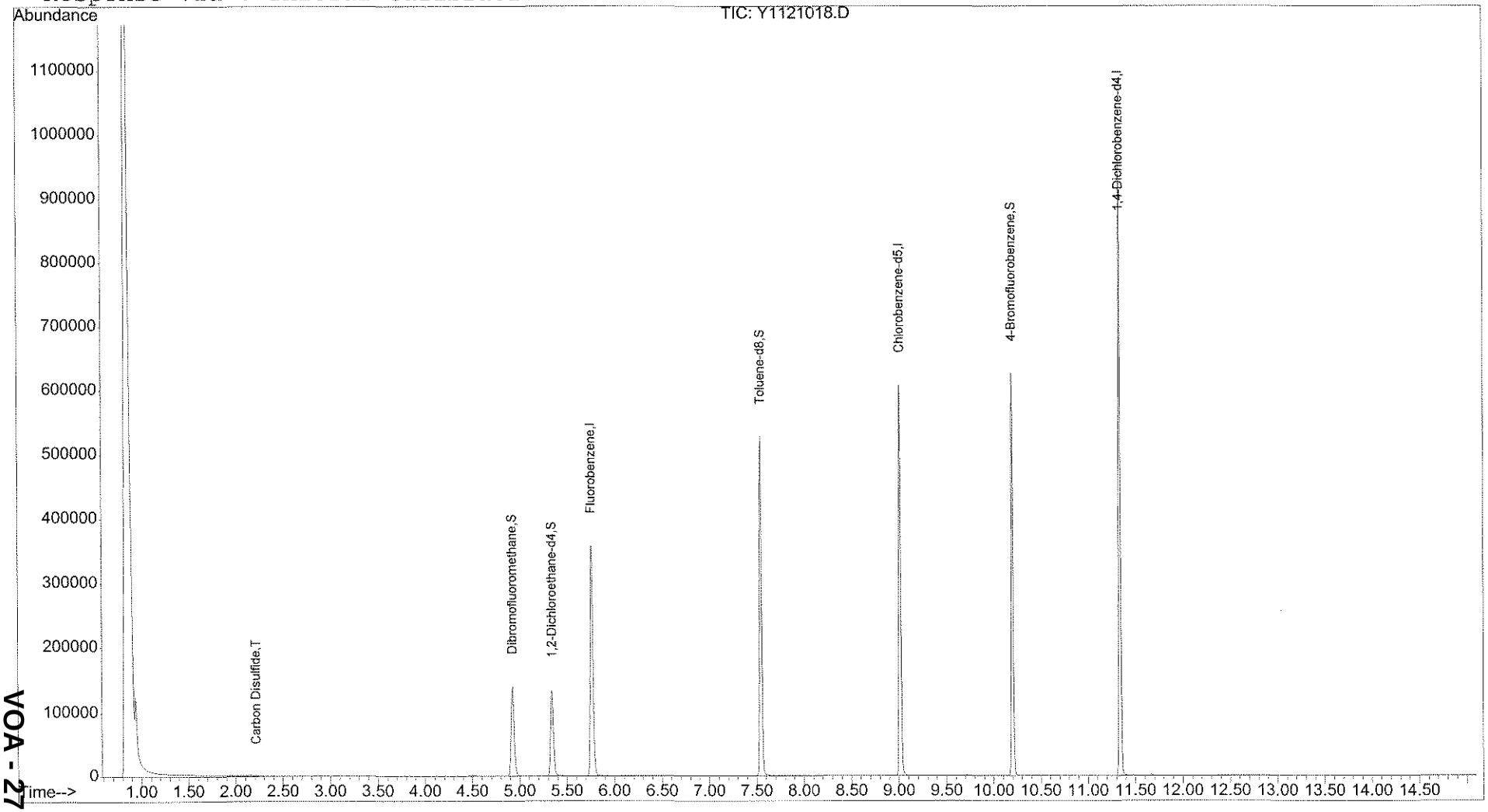
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121018.D Vial: 30
Acq On : 21 Nov 2006 16:59 Operator: LH
Sample : JPL24-002 MW-11-4 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:31 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 27

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121018.D Vial: 30
Acq On : 21 Nov 2006 16:59 Operator: LH
Sample : JPL24-002 MW-11-4 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:31 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	338397	50.00	ug/l	0.00 85.94%
50) Chlorobenzene-d5	9.02	82	165835	50.00	ug/l	0.00 100.55%
70) 1,4-Dichlorobenzene-d4	11.34	152	219032	50.00	ug/l	0.00 89.92%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	101172	50.37	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	101123	56.50	ug/l	0.00
51) Toluene-d8	7.55	98	318799	47.48	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	171823	55.25	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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	1578	0.26	ug/l	100
15) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

LH 11/22/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121018.D Vial: 30
Acq On : 21 Nov 2006 16:59 Operator: LH
Sample : JPL24-002 MW-11-4 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:31 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.39	78	53	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.55	43	1234	~~Below Cal #~~	1
52)	Toluene	7.61	92	186	N.D. LH 11/22/06	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	331	N.D.	
63)	Ethylbenzene	9.17	91	331	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.30	106	118	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	9.70	104	998	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.19	105	56	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

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

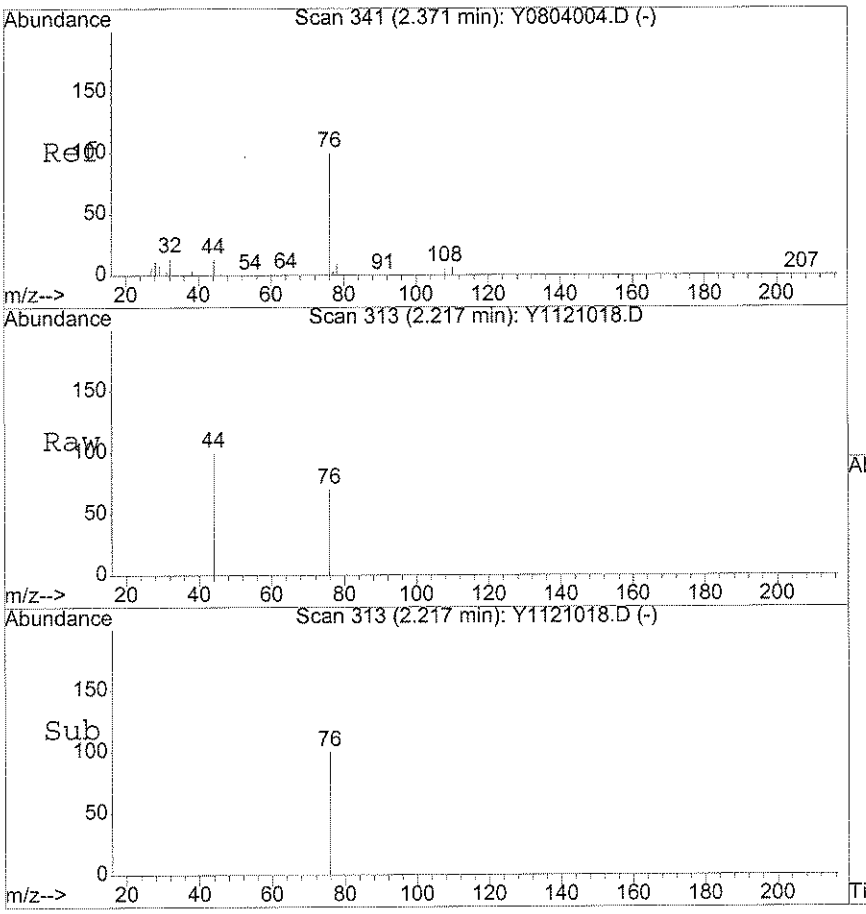
Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121018.D Vial: 30
Acq On : 21 Nov 2006 16:59 Operator: LH
Sample : JPL24-002 MW-11-4 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:31 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

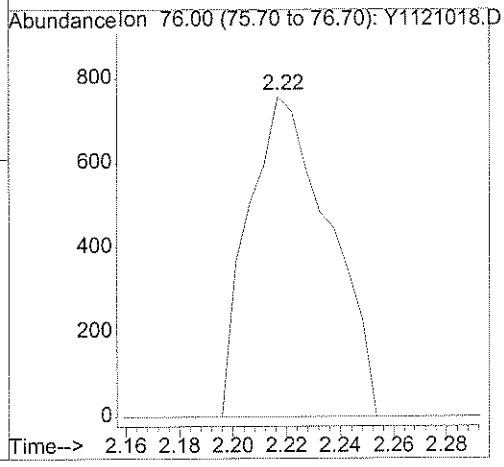
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.47	91	53	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	10.47	91	53	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.02	105	67	N.D.	
82)	sec-butylbenzene	11.02	105	67	N.D.	
83)	4-Isopropyltoluene	11.34	119	145	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	11.74	91	140	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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.	

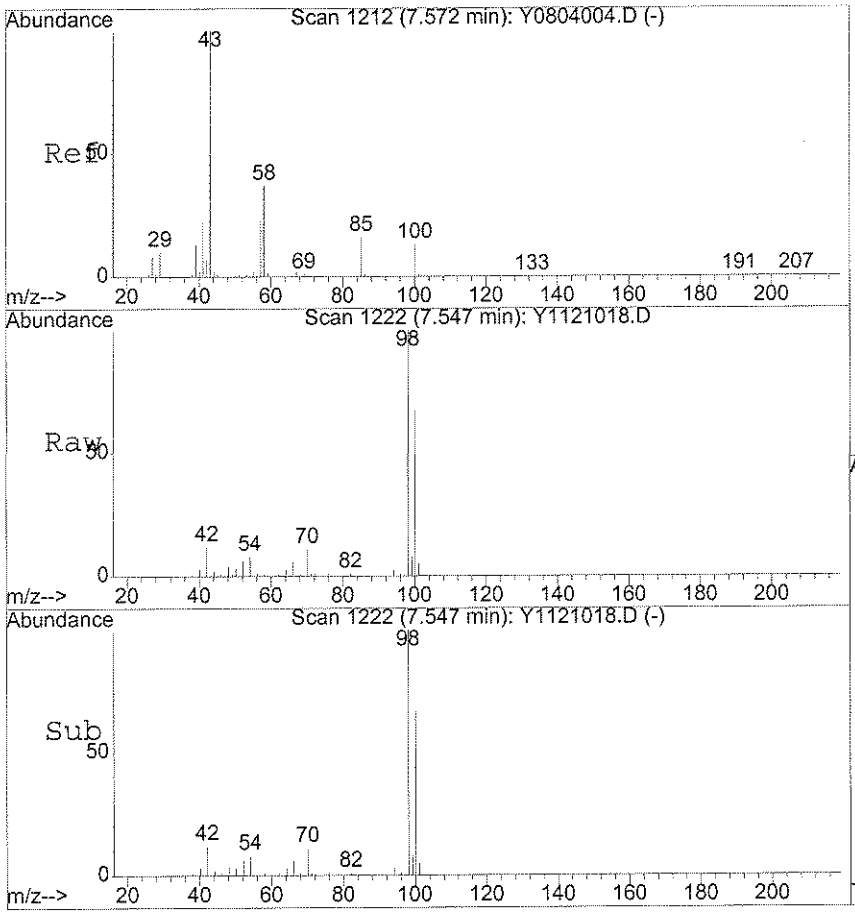
(#) = qualifier out of range (m) = manual integration



#14
Carbon Disulfide
Concen: 0.26 ug/l
RT: 2.22 min Scan# 313
Delta R.T. -0.00 min
Lab File: Y1121018.D
Acq: 21 Nov 2006 16:59

Tgt Ion: 76 Resp: 1578

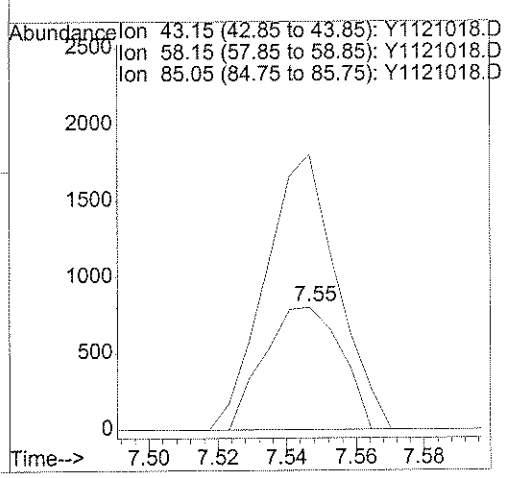




#49
4-Methyl-2-pentanone
Concen: Below Cal
RT: 7.55 min Scan# 1222
Delta R.T. 0.02 min
Lab File: Y1121018.D
Acq: 21 Nov 2006 16:59

Tgt Ion: 43 Resp: 1234

Ion	Ratio	Lower	Upper
43	100		
58	210.4	34.3	51.5#
85	0.0	14.3	21.5#



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-3

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121019.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 17:23

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-3

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121019.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 17:23

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	0.50	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-11-3

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121019.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 17:23

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

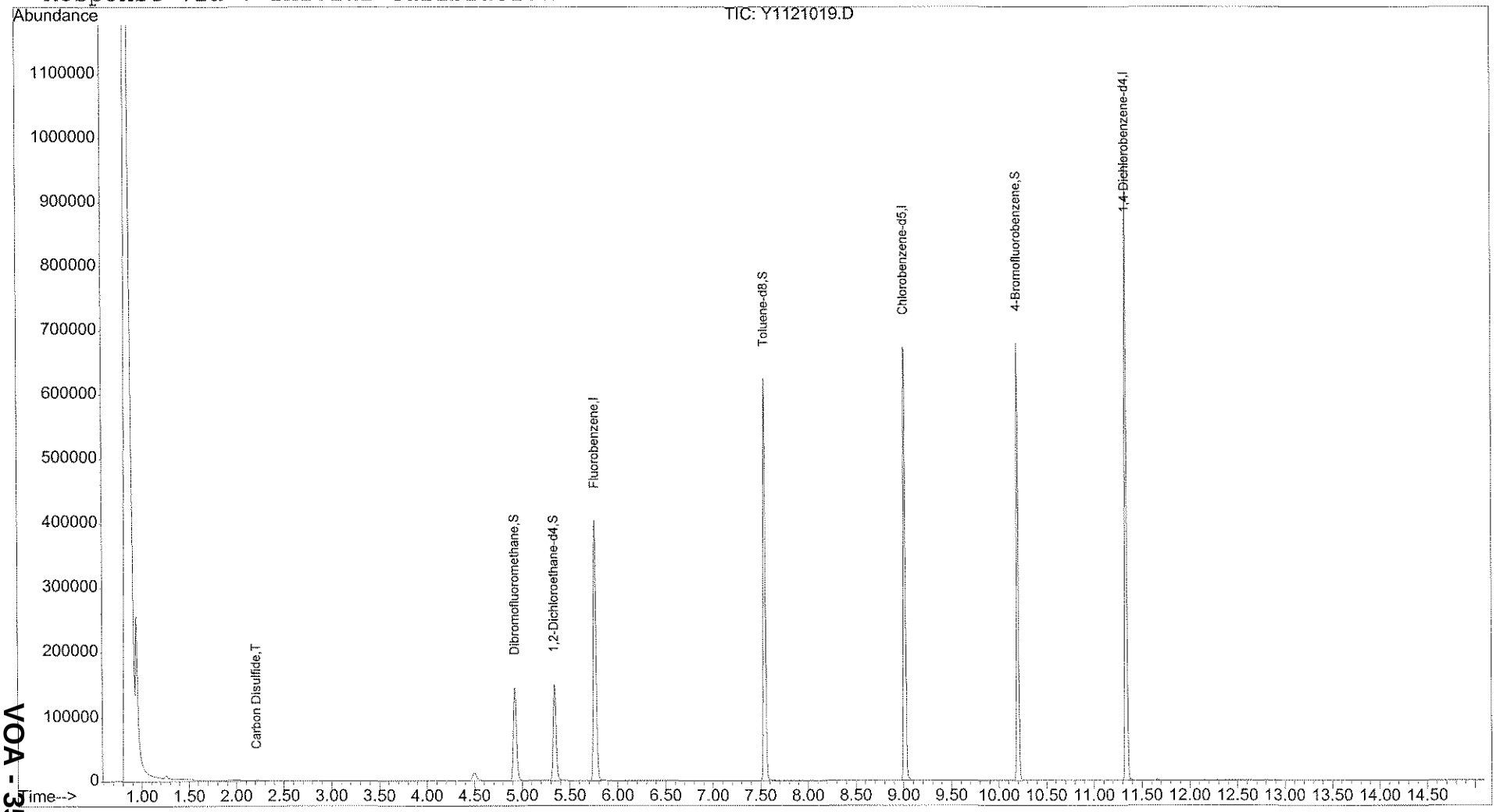
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121019.D Vial: 31
Acq On : 21 Nov 2006 17:23 Operator: LH
Sample : JPL24-003 MW-11-3 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:32 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 35

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121019.D Vial: 31
Acq On : 21 Nov 2006 17:23 Operator: LH
Sample : JPL24-003 MW-11-3 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:32 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	385731	50.00	ug/l	0.00 97.96%
50) Chlorobenzene-d5	9.01	82	181736	50.00	ug/l	0.00 110.19%
70) 1,4-Dichlorobenzene-d4	11.34	152	223201	50.00	ug/l	0.00 91.63%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	107430	46.92	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	112689	55.24	ug/l	0.00
51) Toluene-d8	7.55	98	370930	50.42	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	181067	57.14	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.15	43	592	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.21	76	1986	0.29	ug/l	100
15) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

LRF 12/5/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121019.D Vial: 31
Acq On : 21 Nov 2006 17:23 Operator: LH
Sample : JPL24-003 MW-11-3 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:32 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	450	N.D.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	6.20	130	68	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1660	~~Below Cal #~~	1
52)	Toluene	7.62	92	250	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.29	91	325	N.D.	
63)	Ethylbenzene	9.29	91	325	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.30	106	131	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	9.70	104	232	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.20	105	57	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

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

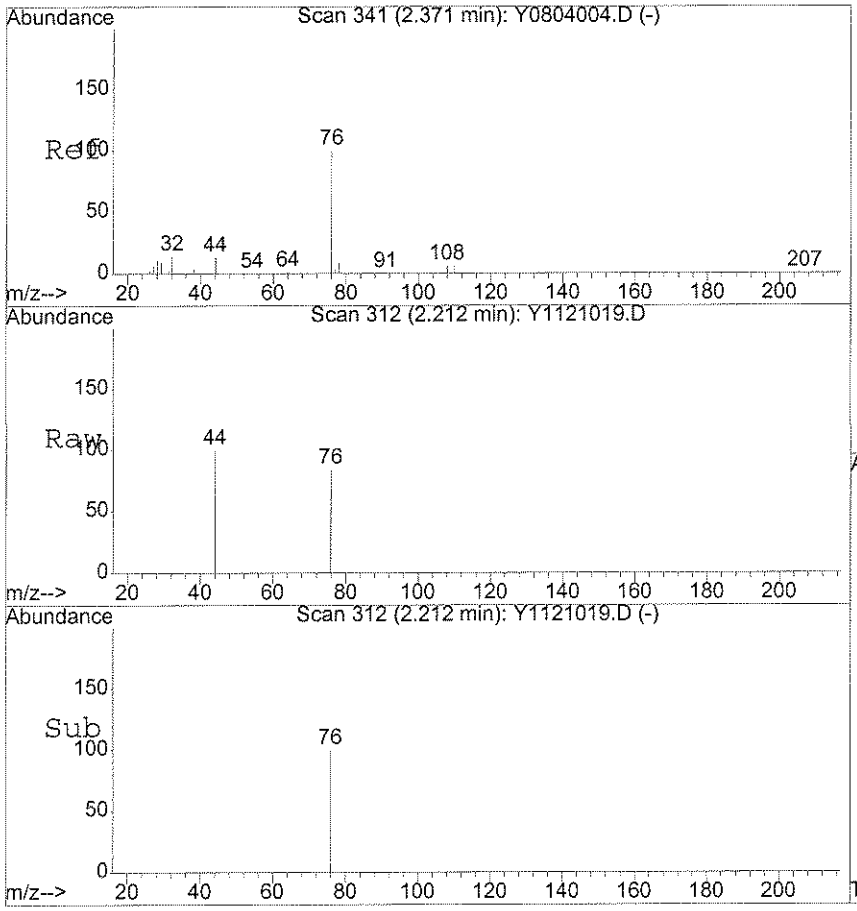
Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121019.D Vial: 31
Acq On : 21 Nov 2006 17:23 Operator: LH
Sample : JPL24-003 MW-11-3 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:32 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

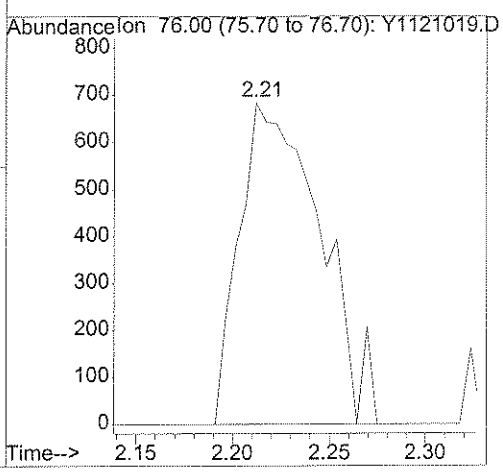
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	0.00	91	0	N.D.	
80)	tert-Butylbenzene	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)	4-Isopropyltoluene	11.34	119	144	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	0.00	91	0	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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.	

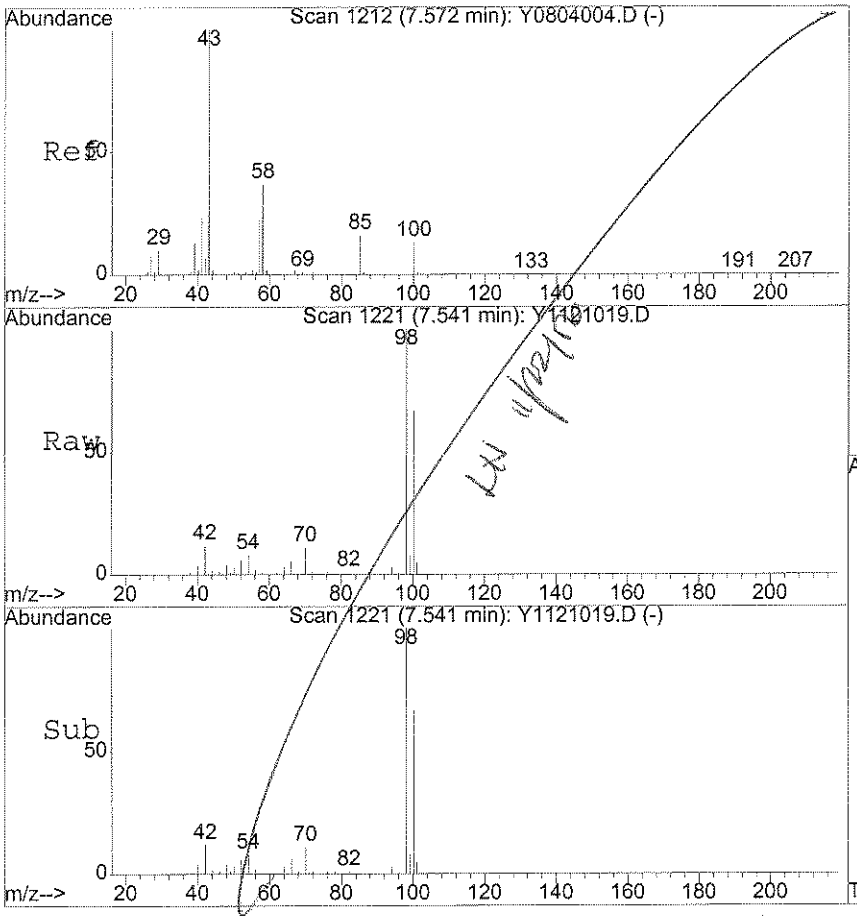
(#) = qualifier out of range (m) = manual integration



#14
Carbon Disulfide
Concen: 0.29 ug/l
RT: 2.21 min Scan# 312
Delta R.T. -0.01 min
Lab File: Y1121019.D
Acq: 21 Nov 2006 17:23

Tgt Ion: 76 Resp: 1986

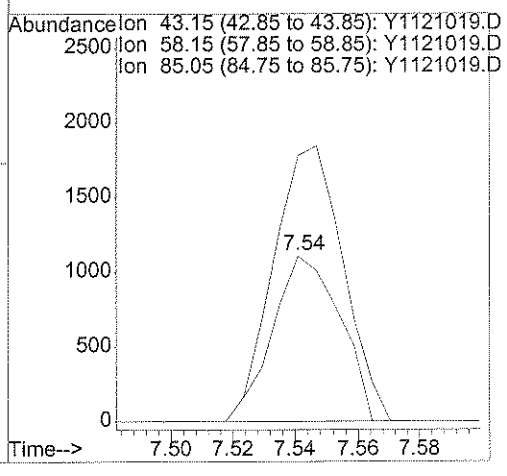




#49
4-Methyl-2-pentanone
Concen: Below Cal
RT: 7.54 min Scan# 1221
Delta R.T. 0.02 min
Lab File: Y1121019.D
Acq: 21 Nov 2006 17:23

Tgt Ion: 43 Resp: 1660

Ion	Ratio	Lower	Upper
43	100		
58	171.2	34.3	51.5#
85	0.0	14.3	21.5#



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-2

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121020.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 17:48

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	0.50	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-11-2

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121020.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 17:48

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	0.50	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.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121020.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 17:48

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

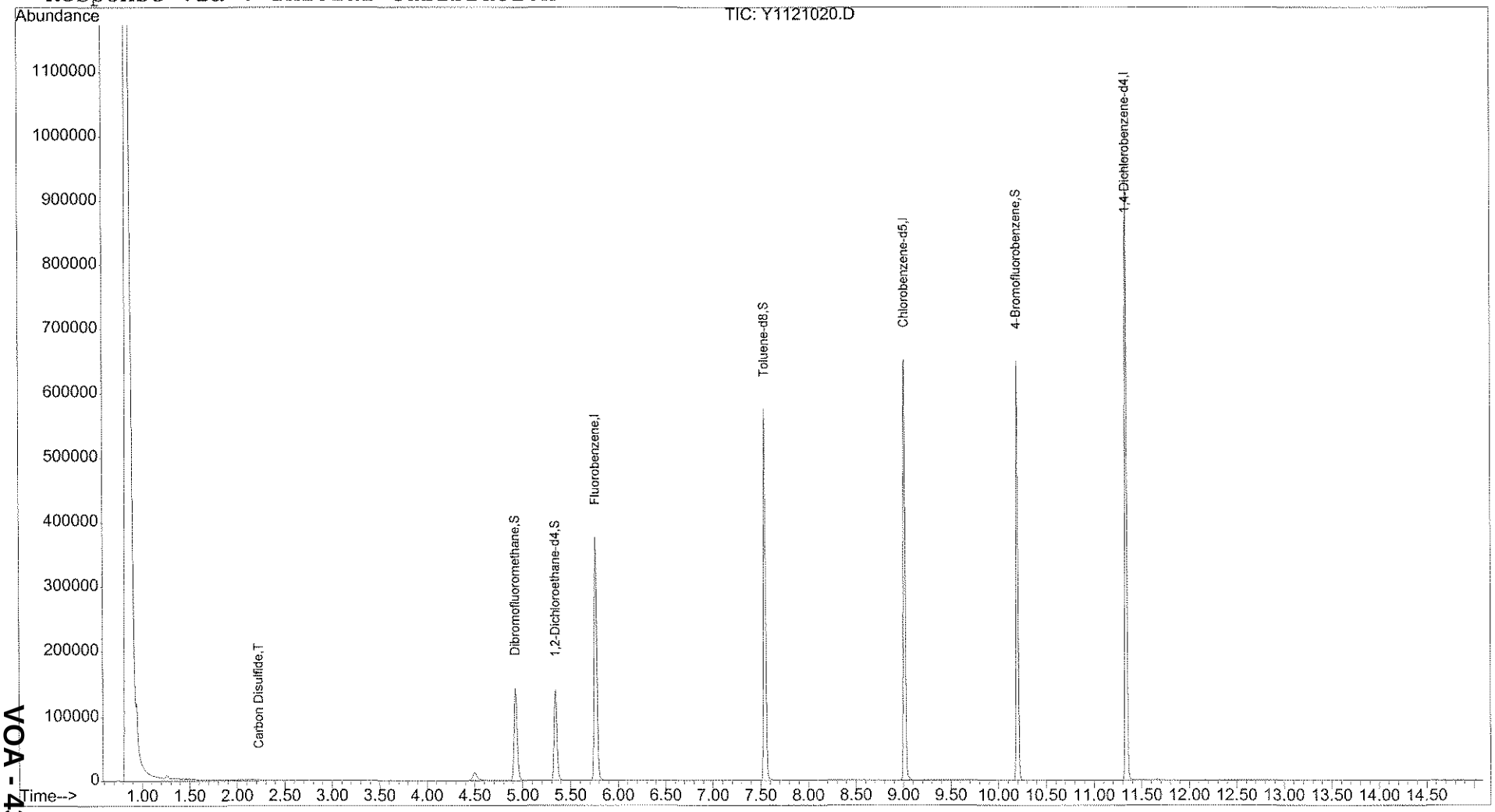
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121020.D Vial: 32
Acq On : 21 Nov 2006 17:48 Operator: LH
Sample : JPL24-004 MW-11-2 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:33 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 43

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121020.D Vial: 32
Acq On : 21 Nov 2006 17:48 Operator: LH
Sample : JPL24-004 MW-11-2 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:33 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	356003	50.00	ug/l	0.00 90.41%
50) Chlorobenzene-d5	9.01	82	172802	50.00	ug/l	0.00 104.77%
70) 1,4-Dichlorobenzene-d4	11.34	152	222706	50.00	ug/l	0.00 91.42%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	102150	48.34	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	104878	55.70	ug/l	0.00
51) Toluene-d8	7.55	98	340094	48.61	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	177507	56.14	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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	2.23	76	1595	0.25	ug/l	100
15) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

LNH 12/5/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121020.D Vial: 32
Acq On : 21 Nov 2006 17:48 Operator: LH
Sample : JPL24-004 MW-11-2 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:33 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	202	N.D.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.38	78	56	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.55	43	1391	Below Cal #	1
52)	Toluene	7.61	92	64	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	75	N.D.	
63)	Ethylbenzene	9.17	91	75	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	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	206	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.20	105	62	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

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

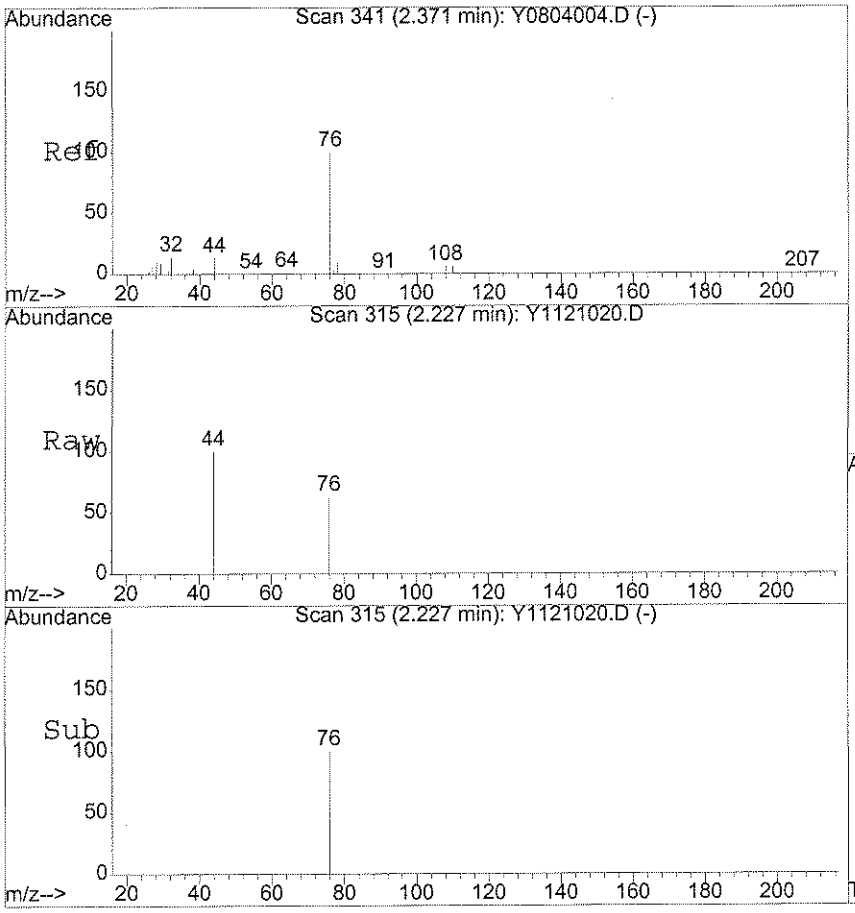
Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121020.D Vial: 32
Acq On : 21 Nov 2006 17:48 Operator: LH
Sample : JPL24-004 MW-11-2 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:33 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

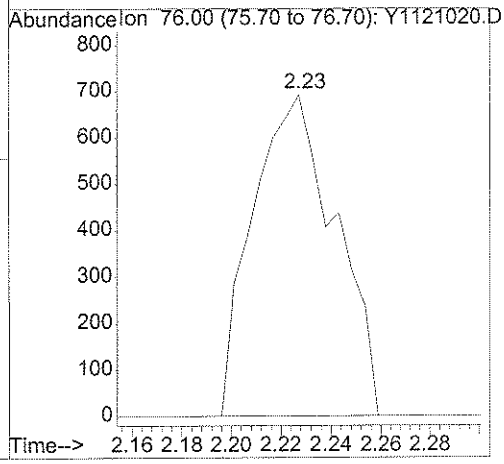
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	0.00	91	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.02	105	60	N.D.	
82)	sec-butylbenzene	11.02	105	60	N.D.	
83)	4-Isopropyltoluene	0.00	119	0	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	0.00	91	0	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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.	

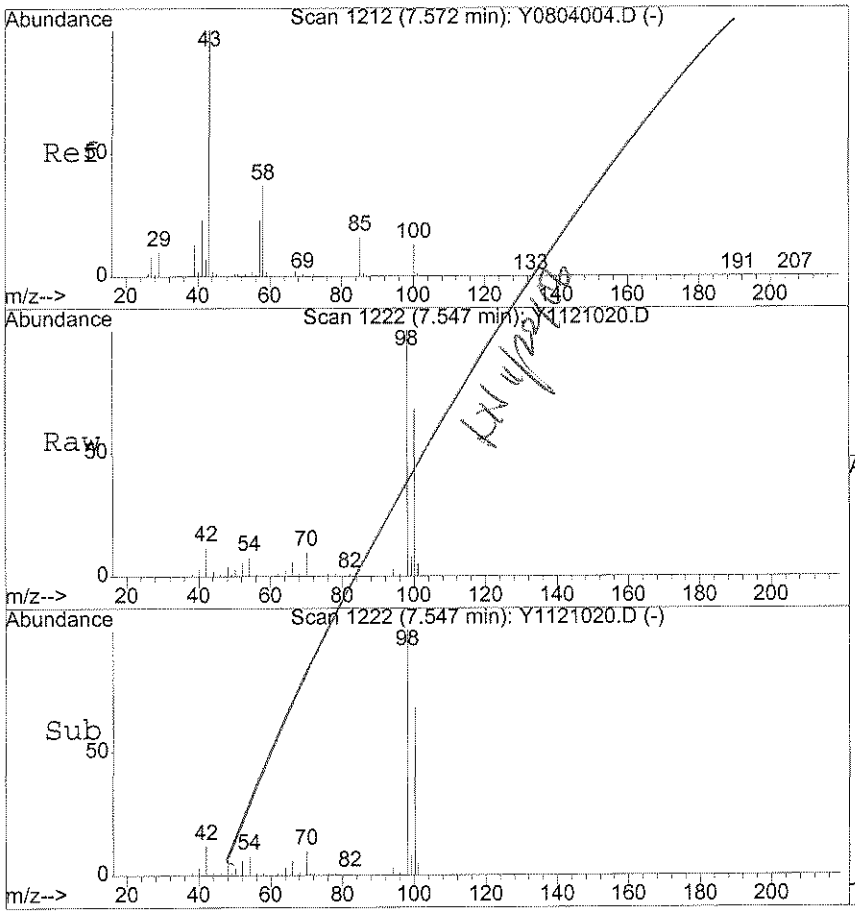
(#) = qualifier out of range (m) = manual integration



#14
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.23 min Scan# 315
Delta R.T. 0.01 min
Lab File: Y1121020.D
Acq: 21 Nov 2006 17:48

Tgt Ion: 76 Resp: 1595

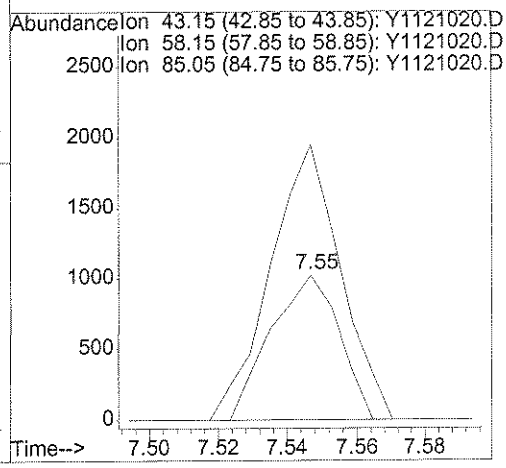




#49
4-Methyl-2-pentanone
Concen: Below Cal
RT: 7.55 min Scan# 1222
Delta R.T. 0.02 min
Lab File: Y1121020.D
Acq: 21 Nov 2006 17:48

Tgt Ion: 43 Resp: 1391

Ion	Ratio	Lower	Upper
43	100		
58	195.9	34.3	51.5#
85	0.0	14.3	21.5#



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-1

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121021.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 18:12

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	0.50	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-11-1

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121021.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 18:12

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	0.50	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.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121021.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 18:12

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

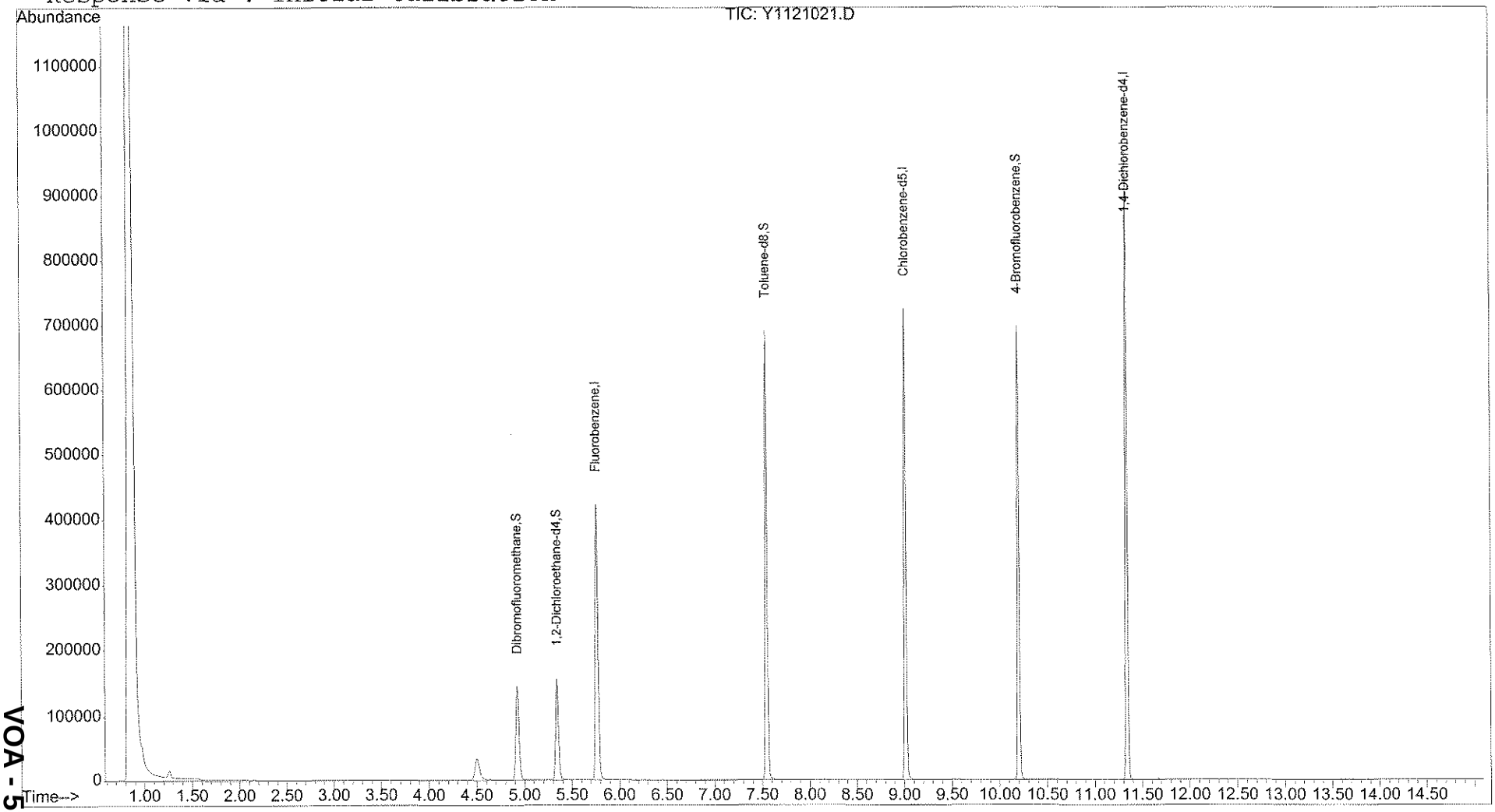
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121021.D Vial: 33
Acq On : 21 Nov 2006 18:12 Operator: LH
Sample : JPL24-005 MW-11-1 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:34 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 51

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121021.D Vial: 33
Acq On : 21 Nov 2006 18:12 Operator: LH
Sample : JPL24-005 MW-11-1 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:34 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	405776	50.00	ug/l	0.00 103.06%
50) Chlorobenzene-d5	9.02	82	195677	50.00	ug/l	0.00 118.64%
70) 1,4-Dichlorobenzene-d4	11.34	152	221277	50.00	ug/l	0.00 90.84%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	109237	45.35	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	118440	55.19	ug/l	0.00
51) Toluene-d8	7.55	98	406054	51.26	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	188796	60.10	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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	223	N.D.		
15) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.52	84	56	~~Below Cal #~~		1
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

LN 11/22/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121021.D Vial: 33
Acq On : 21 Nov 2006 18:12 Operator: LH
Sample : JPL24-005 MW-11-1 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:34 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33) 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) Methyl methacrylate	0.00	41	0	N.D.	
37) 1,1-Dichloropropene	5.09	75	58	N.D.	
39) Benzene	5.38	78	68	N.D.	
40) 1,2-Dichloroethane	0.00	62	0	N.D.	
41) Isobutanol	0.00	43	0	N.D.	
42) Trichloroethene	0.00	130	0	N.D.	
43) Methylcyclohexane	0.00	83	0	N.D.	
44) 1,2-Dichloropropane	0.00	63	0	N.D.	
45) Dibromomethane	0.00	93	0	N.D.	
46) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47) Bromodichloromethane	0.00	83	0	N.D.	
48) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49) 4-Methyl-2-pentanone	7.55	43	1617	Below Cal #	1
52) Toluene	7.62	92	199	N.D.	
53) Ethyl methacrylate	0.00	69	0	N.D.	
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55) 1,1,2-Trichloroethane	0.00	97	0	N.D.	
56) Tetrachloroethene	0.00	166	0	N.D.	
57) 2-Hexanone	0.00	43	0	N.D.	
58) 1,3-Dichloropropane	0.00	76	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	9.17	91	71	N.D.	
63) Ethylbenzene	9.17	91	71	N.D.	
64) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65) m,p-Xylene	9.29	106	144	N.D.	
66) o-xylene	0.00	106	0	N.D.	
67) Styrene	9.70	104	56	N.D.	
68) Bromoform	0.00	173	0	N.D.	
69) Isopropylbenzene	10.19	105	198	N.D.	
72) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73) n-Propylbenzene	0.00	120	0	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121021.D Vial: 33
Acq On : 21 Nov 2006 18:12 Operator: LH
Sample : JPL24-005 MW-11-1 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:34 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	0.00	91	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)	4-Isopropyltoluene	11.34	119	151	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	11.74	91	55	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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

Library Search Compound Report

Data File : X:\MSVOA\YODA\112106\Y1121021.D
Acq On : 21 Nov 2006 18:12
Sample : JPL24-005 MW-11-1
Misc : 5mL+IS/SS #1
MS Integration Params: LSCINT.P

Vial: 33
Operator: LH
Inst : yoda
Multiplr: 1.00

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Library : D:\DATABASE\NIST129K.L

****

Peak Number 1 tert-Butyldimethylsilanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
4.50	6.96 ug/l	116934	Fluorobenzene	840071	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	83
2	Silanol, trimethyl- $$ Hydroxytrime	90	C3H10OSi	001066-40-6	38
3	Formamide, N-methylthio	75	C2H5NS	000000-00-0	9
4	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9
5	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

Dupe-4-4Q06

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121022.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 18:36

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.

Dupe-4-4Q06

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121022.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 18:36

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	0.50	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-4-4Q06

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121022.D

Level: (LOW/MED) _____ Date Collected: 11/16/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/21/2006 18:36

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

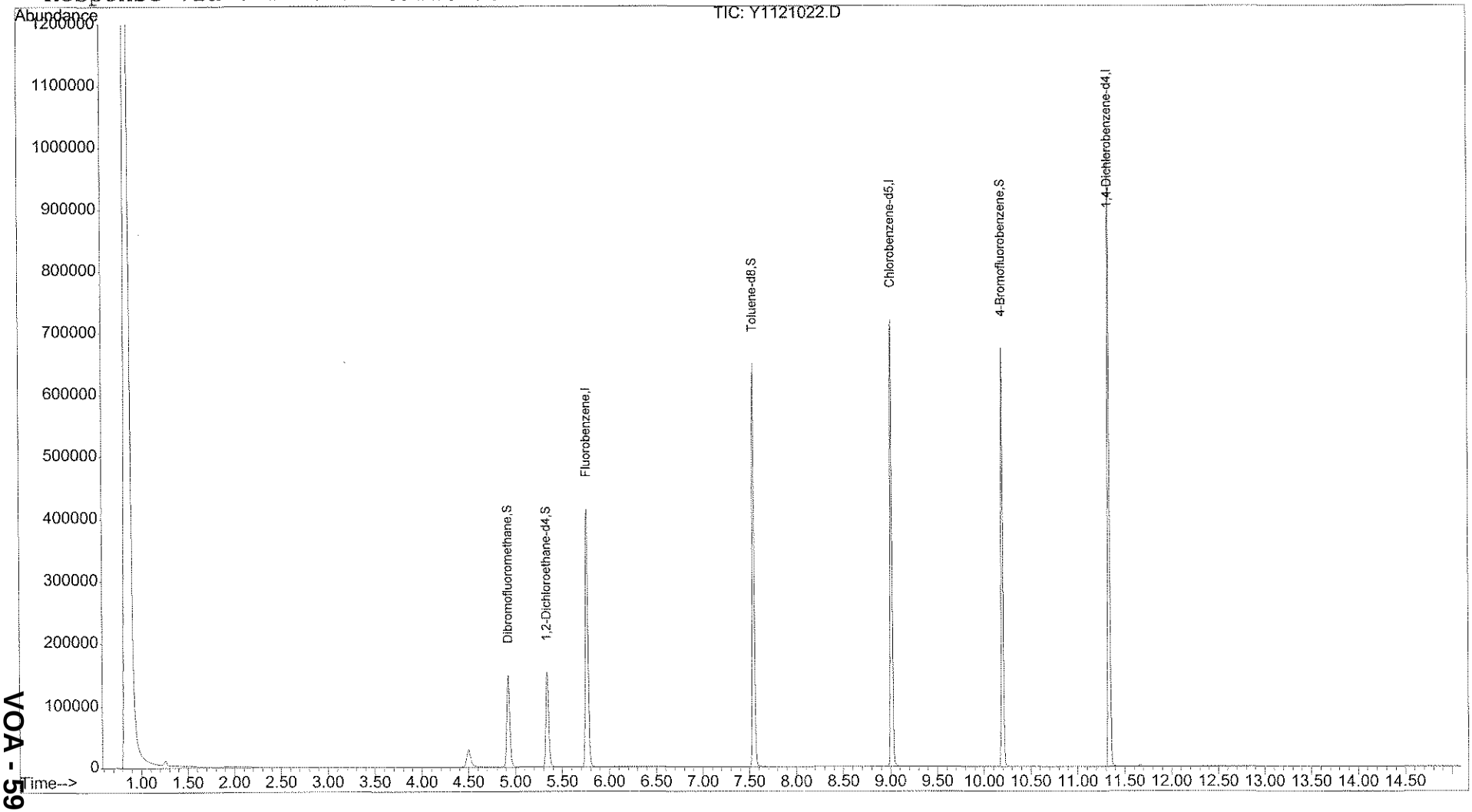
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121022.D Vial: 34
Acq On : 21 Nov 2006 18:36 Operator: LH
Sample : JPL24-006 DUP-4-4Q06 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:35 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121022.D Vial: 34
Acq On : 21 Nov 2006 18:36 Operator: LH
Sample : JPL24-006 DUP-4-4Q06 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:35 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	393204	50.00	ug/l	0.00 99.86%
50) Chlorobenzene-d5	9.02	82	189922	50.00	ug/l	0.00 115.15%
70) 1,4-Dichlorobenzene-d4	11.34	152	226694	50.00	ug/l	0.00 93.06%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	106013	45.42	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	114491	55.05	ug/l	0.00
51) Toluene-d8	7.55	98	383903	49.93	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	188481	58.56	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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	2.23	76	489	N.D.		
15) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.52	84	74	~~Below Cal # 30~~		
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

LH 11/22/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121022.D Vial: 34
Acq On : 21 Nov 2006 18:36 Operator: LH
Sample : JPL24-006 DUP-4-4Q06 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:35 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	5.04	75	60	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	LH 11/22/06
49)	4-Methyl-2-pentanone	7.55	43	1715	~~Below Cal #~~	1
52)	Toluene	7.61	92	68	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	65	N.D.	
63)	Ethylbenzene	9.17	91	65	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	66	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	9.70	104	54	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.20	105	59	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121022.D Vial: 34
Acq On : 21 Nov 2006 18:36 Operator: LH
Sample : JPL24-006 DUP-4-4Q06 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:35 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.46	91	56	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	10.46	91	56	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)	4-Isopropyltoluene	11.34	119	78	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	0.00	91	0	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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

Library Search Compound Report

Data File : X:\MSVOA\YODA\112106\Y1121022.D
Acq On : 21 Nov 2006 18:36
Sample : JPL24-006 DUP-4-4Q06
Misc : 5mL+IS/SS #3
MS Integration Params: LSCINT.P

Vial: 34
Operator: LH
Inst : yoda
Multiplr: 1.00

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Library : D:\DATABASE\NIST129K.L

****

Peak Number 1 Silanol, trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
4.50	5.57 ug/l	90314	Fluorobenzene	811383	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	78
2	Silanol, trimethyl- $$ Hydroxytrime	90	C3H10OSi	001066-40-6	47
3	tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	43
4	Ethanethioamide	75	C2H5NS	000062-55-5	9
5	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-15-11/16/06

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121023.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 19:01

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-15-11/16/06

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121023.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 19:01

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.

EB-15-11/16/06

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121023.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 19:01

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

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

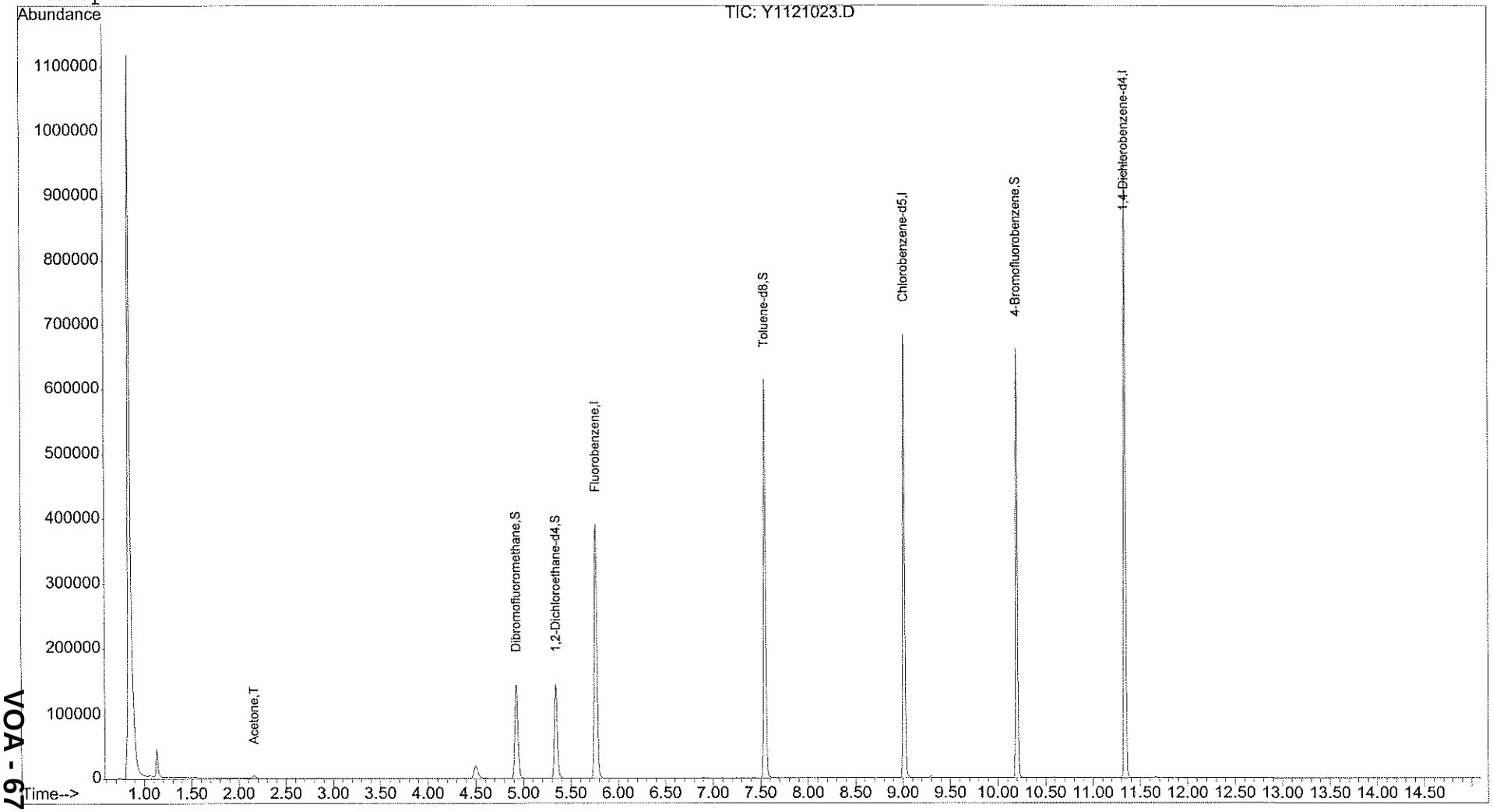
Heated Purge: (Y/N) N

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:

Data File : X:\MSVOA\YODA\112106\Y1121023.D Vial: 35
Acq On : 21 Nov 2006 19:01 Operator: LH
Sample : JPL24-007 EB-15-11/16/06 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 18 9:48 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\CURVES\110906\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Thu Dec 14 13:38:17 2006
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121023.D Vial: 35
Acq On : 21 Nov 2006 19:01 Operator: LH
Sample : JPL24-007 EB-15-11/16/06 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 18 9:48 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	372765	50.00	ug/l	0.00 94.67%
50) Chlorobenzene-d5	9.02	82	179870	50.00	ug/l	0.00 109.06%
70) 1,4-Dichlorobenzene-d4	11.34	152	220461	50.00	ug/l	0.00 90.50%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	104737	47.34	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	110241	55.92	ug/l	0.00
51) Toluene-d8	7.55	98	362103	49.73	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	180663	57.72	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.16	43	7206	11.04	ug/l	# ✓ 86
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) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

12/18/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121023.D Vial: 35
Acq On : 21 Nov 2006 19:01 Operator: LH
Sample : JPL24-007 EB-15-11/16/06 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 18 9:48 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
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	4.71	83	54	N.D.		
33) 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) Methyl methacrylate	0.00	41	0	N.D.		
37) 1,1-Dichloropropene	0.00	75	0	N.D.		
39) Benzene	5.38	78	57	N.D.		
40) 1,2-Dichloroethane	0.00	62	0	N.D.		
41) Isobutanol	0.00	43	0	N.D.		
42) Trichloroethene	0.00	130	0	N.D.		
43) Methylcyclohexane	0.00	83	0	N.D.		
44) 1,2-Dichloropropane	0.00	63	0	N.D.		
45) Dibromomethane	0.00	93	0	N.D.		
46) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
47) Bromodichloromethane	0.00	83	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) Ethyl methacrylate	0.00	69	0	N.D.		
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55) 1,1,2-Trichloroethane	0.00	97	0	N.D.		
56) Tetrachloroethene	0.00	166	0	N.D.		
57) 2-Hexanone	0.00	43	0	N.D.		
58) 1,3-Dichloropropane	0.00	76	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) Ethylbenzene	9.17	91	638	N.D.		
64) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
65) m,p-Xylene	9.29	106	965	N.D.		
66) o-xylene	9.69	106	189	N.D.		
67) Styrene	0.00	104	0	N.D.		
68) Bromoform	0.00	173	0	N.D.		
69) Isopropylbenzene	10.20	105	63	N.D.		
72) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
73) n-Propylbenzene	0.00	120	0	N.D.		

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

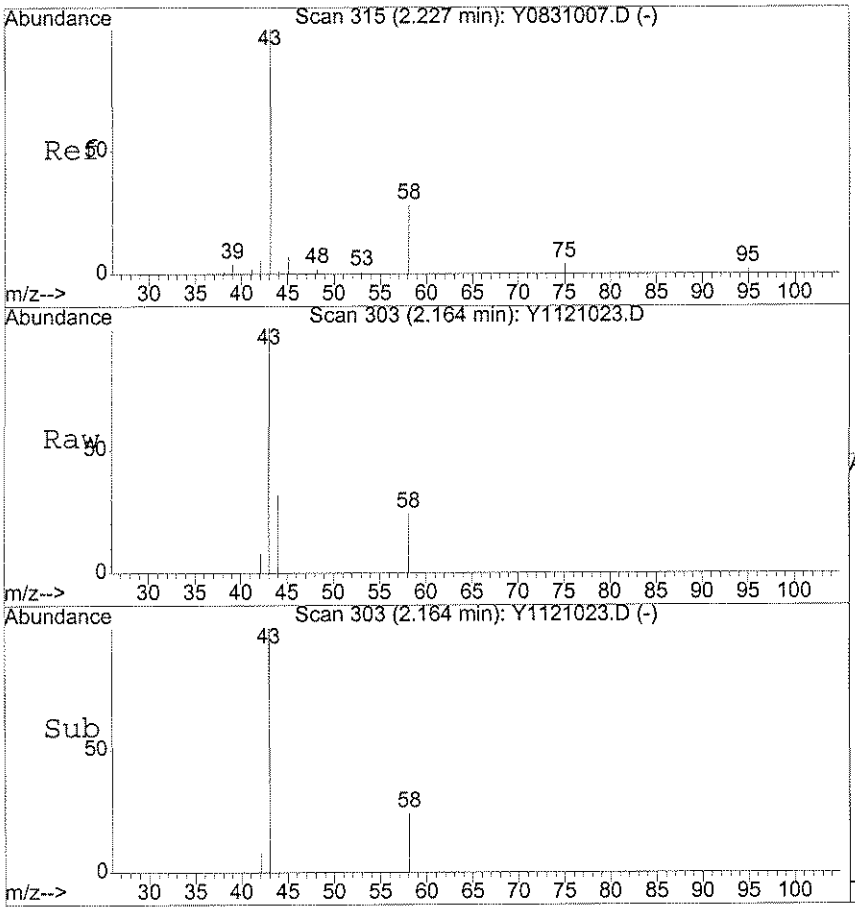
Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121023.D Vial: 35
Acq On : 21 Nov 2006 19:01 Operator: LH
Sample : JPL24-007 EB-15-11/16/06 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 18 9:48 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
75)	Bromobenzene	0.00	156	0	N.D.		
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
77)	2-Chlorotoluene	0.00	91	0	N.D.		
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
79)	4-Chlorotoluene	0.00	91	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)	4-Isopropyltoluene	11.34	119	81	N.D.		
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
86)	n-Butylbenzene	11.74	91	67	N.D.		
87)	1,2-Dichlorobenzene	0.00	146	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	13.55	128	117	N.D.		
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

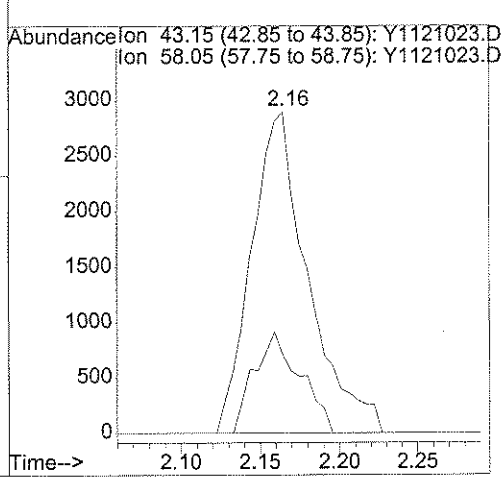
(#) = qualifier out of range (m) = manual integration



#11
Acetone
Concen: 11.04 ug/l
RT: 2.16 min Scan# 303
Delta R.T. 0.01 min
Lab File: Y1121023.D
Acq: 21 Nov 2006 19:01

Tgt Ion: 43 Resp: 7206

Ion	Ratio	Lower	Upper
43	100		
58	25.6	26.8	40.2#



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-15-11/16/06

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121011.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 14:08

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	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-15-11/16/06

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121011.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 14:08

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	0.50	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-15-11/16/06

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121011.D

Level: (LOW/MED) Date Collected: 11/16/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 14:08

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

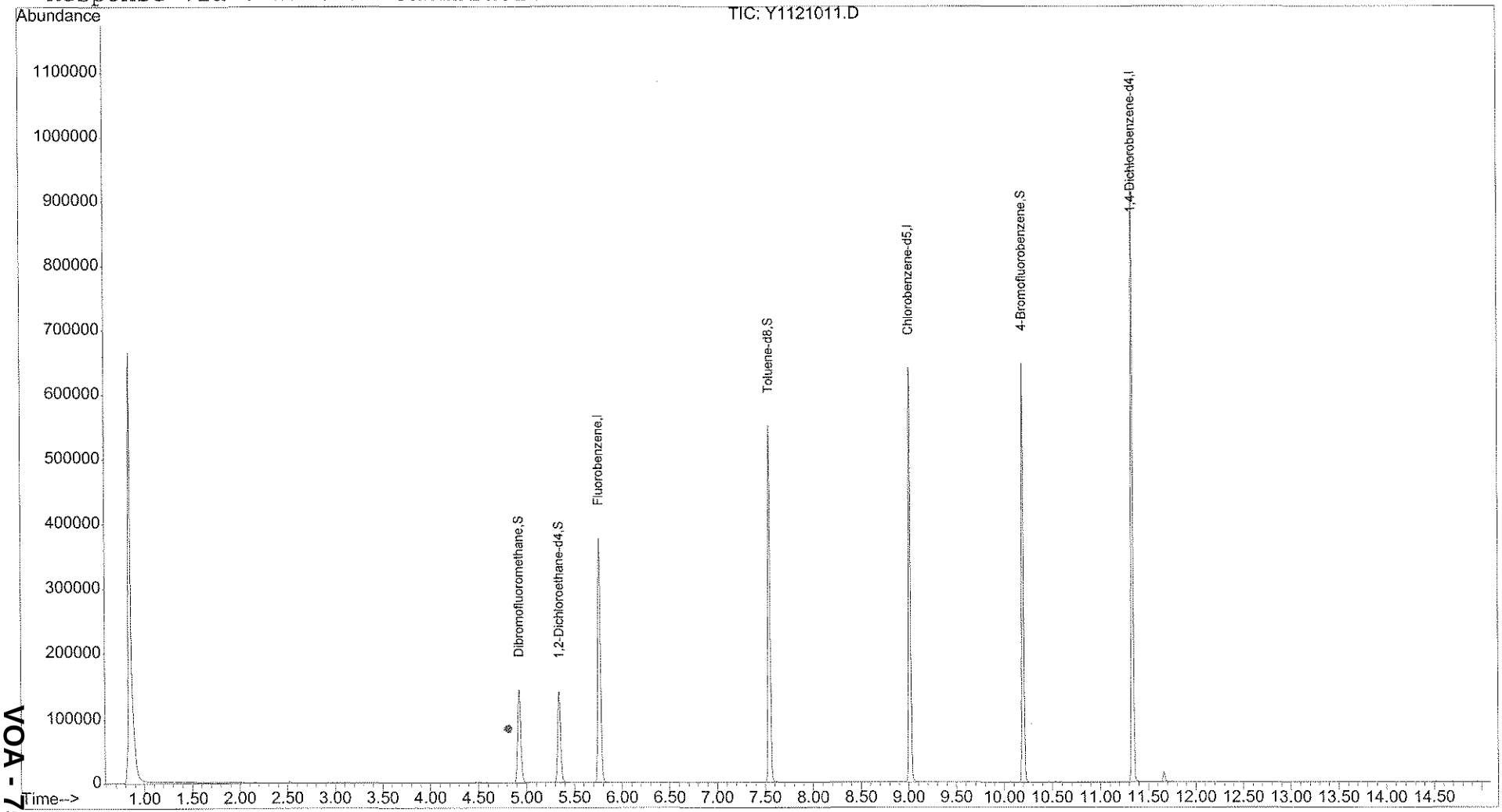
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121011.D Vial: 23
Acq On : 21 Nov 2006 14:08 Operator: LH
Sample : JPL24-008 TB-15-11/16/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:22 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



Y1121011.D 8260B.M Wed Nov 22 10:23:31 2006 Page 4

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121011.D Vial: 23
Acq On : 21 Nov 2006 14:08 Operator: LH
Sample : JPL24-008 TB-15-11/16/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:22 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	354056	50.00	ug/l	0.00 89.92%
50) Chlorobenzene-d5	9.01	82	168111	50.00	ug/l	0.00 101.93%
70) 1,4-Dichlorobenzene-d4	11.34	152	220289	50.00	ug/l	0.00 90.43%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	104966	49.95	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	106908	57.09	ug/l	0.00
51) Toluene-d8	7.55	98	332341	48.83	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	174343	55.74	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.07	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.52	84	950	Below Cal		89
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121011.D Vial: 23
Acq On : 21 Nov 2006 14:08 Operator: LH
Sample : JPL24-008 TB-15-11/16/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:22 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.38	78	56	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1303	Below Cal #	1
52)	Toluene	7.61	92	73	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	54	N.D.	
63)	Ethylbenzene	9.17	91	54	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	130	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	10.06	105	142	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121011.D Vial: 23
Acq On : 21 Nov 2006 14:08 Operator: LH
Sample : JPL24-008 TB-15-11/16/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:22 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.53	91	77	N.D.	
78)	1,3,5-Trimethylbenzene	10.66	105	116	N.D.	
79)	4-Chlorotoluene	10.64	91	209	N.D.	
80)	tert-Butylbenzene	10.97	119	130	N.D.	
81)	1,2,4-Trimethylbenzene	11.02	105	197	N.D.	
82)	sec-butylbenzene	11.18	105	325	N.D.	
83)	4-Isopropyltoluene	11.34	119	549	N.D.	
84)	1,3-Dichlorobenzene	11.27	146	150	N.D.	
85)	1,4-Dichlorobenzene	11.36	146	219	N.D.	
86)	n-Butylbenzene	11.74	91	542	N.D.	
87)	1,2-Dichlorobenzene	11.72	146	55	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	13.32	180	222	N.D.	
90)	Hexachlorobutadiene	13.49	225	131	N.D.	
91)	Naphthalene	13.55	128	341	N.D.	
92)	1,2,3-Trichlorobenzene	13.79	180	167	N.D.	

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-5

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121024.D

Level: (LOW/MED) Date Collected: 11/17/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 19:25

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.

MW-12-5

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121024.D

Level: (LOW/MED) Date Collected: 11/17/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 19:25

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-5

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121024.D

Level: (LOW/MED) Date Collected: 11/17/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 19:25

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

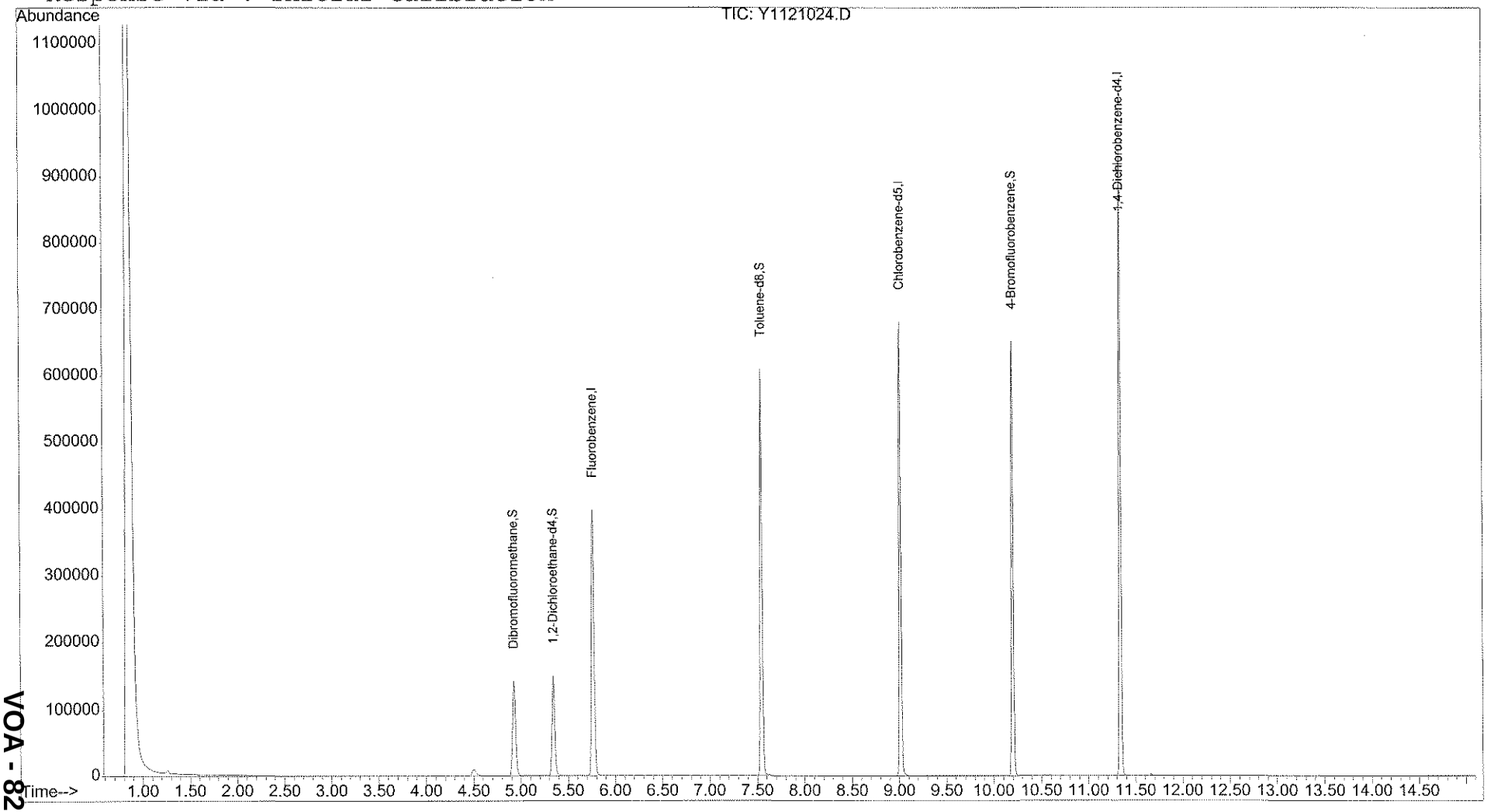
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121024.D Vial: 36
Acq On : 21 Nov 2006 19:25 Operator: LH
Sample : JPL24-009 MW-12-5 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:37 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 82

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121024.D Vial: 36
Acq On : 21 Nov 2006 19:25 Operator: LH
Sample : JPL24-009 MW-12-5 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:37 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	372315	50.00 ug/l	0.00 94.56%
50) Chlorobenzene-d5	9.02	82	180034	50.00 ug/l	0.00 109.15%
70) 1,4-Dichlorobenzene-d4	11.34	152	224115	50.00 ug/l	0.00 92.00%
System Monitoring Compounds					
32) Dibromofluoromethane	4.93	111	102652	46.45 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	110392	56.06 ug/l	0.00
51) Toluene-d8	7.55	98	357729	49.08 ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	181441	57.02 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) 1,1-Dichloroethene	0.00	96	0	N.D.	
9) Acrolein	0.00	56	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	2.23	76	500	N.D.	
15) Acetonitrile	0.00	40	0	N.D. d	
16) Allyl chloride	0.00	76	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.52	84	119	~~Below Cal #~~ 53	
19) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	2.82	53	60	N.D.	
22) Vinyl acetate	0.00	43	0	N.D.	
23) 1,1-Dichloroethane	0.00	63	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.	

LN 11/22/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121024.D Vial: 36
Acq On : 21 Nov 2006 19:25 Operator: LH
Sample : JPL24-009 MW-12-5 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:37 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1592	Below Cal #	1
52)	Toluene	7.61	92	363	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	119	N.D.	
63)	Ethylbenzene	9.17	91	119	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.30	106	147	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	9.70	104	251	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.20	105	128	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

LH 11/22/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121024.D Vial: 36
Acq On : 21 Nov 2006 19:25 Operator: LH
Sample : JPL24-009 MW-12-5 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:37 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
75)	Bromobenzene	0.00	156	0	N.D.		
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
77)	2-Chlorotoluene	0.00	91	0	N.D.		
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
79)	4-Chlorotoluene	0.00	91	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)	4-Isopropyltoluene	0.00	119	0	N.D.		
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
86)	n-Butylbenzene	0.00	91	0	N.D.		
87)	1,2-Dichlorobenzene	0.00	146	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-12-4

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-010

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121025.D

Level: (LOW/MED) _____ Date Collected: 11/17/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/21/2006 19:49

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	0.62	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.88	
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	0.31	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-12-4

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-010

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121025.D

Level: (LOW/MED) Date Collected: 11/17/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 19:49

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	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.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-010

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121025.D

Level: (LOW/MED) Date Collected: 11/17/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 19:49

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

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

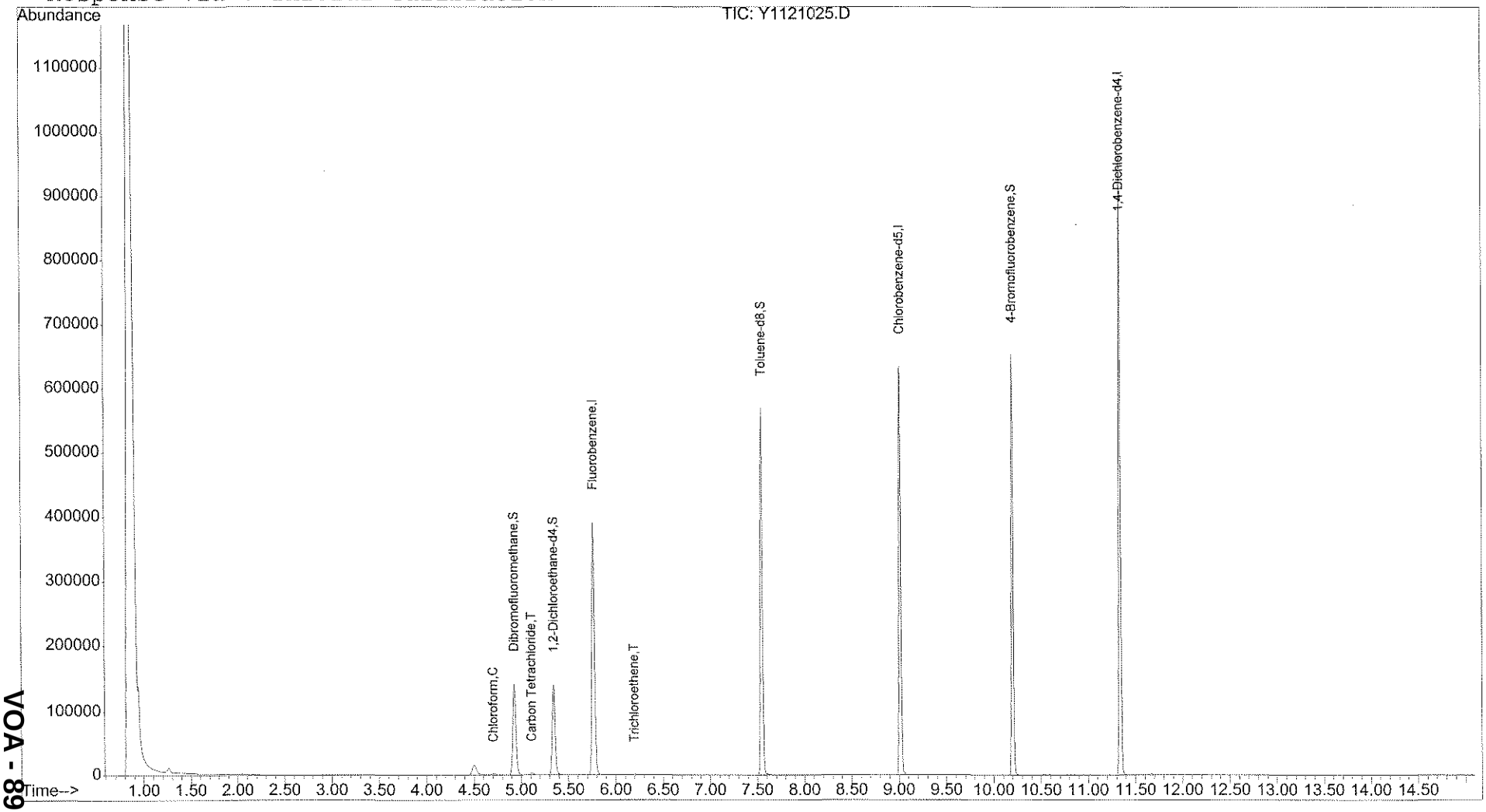
Heated Purge: (Y/N) N

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:

Data File : X:\MSVOA\YODA\112106\Y1121025.D Vial: 37
Acq On : 21 Nov 2006 19:49 Operator: LH
Sample : JPL24-010 MW-12-4 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:38 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 89

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121025.D Vial: 37
Acq On : 21 Nov 2006 19:49 Operator: LH
Sample : JPL24-010 MW-12-4 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:38 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	357177	50.00	ug/l	0.00 90.71%
50) Chlorobenzene-d5	9.02	82	170364	50.00	ug/l	0.00 103.29%
70) 1,4-Dichlorobenzene-d4	11.34	152	217907	50.00	ug/l	0.00 89.45%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	103019	48.59	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	106587	56.42	ug/l	0.00
51) Toluene-d8	7.55	98	340130	49.31	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	172136	55.64	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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	378	N.D.		
15) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.52	84	173	~~Below Cal~~ # 42		
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	2.83	53	53	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121025.D Vial: 37
Acq On : 21 Nov 2006 19:49 Operator: LH
Sample : JPL24-010 MW-12-4 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:38 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	2734	0.62 ug/l	86
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	0.00	56	0	N.D.	
35)	Carbon Tetrachloride	5.11	117	2568	0.88 ug/l	98
36)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	6.20	130	729	0.31 ug/l #	50
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1453	Below Cal #	1
52)	Toluene	7.62	92	304	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	138	N.D.	
63)	Ethylbenzene	9.17	91	138	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.30	106	259	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	9.70	104	276	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.20	105	60	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

MS 11/22/06

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

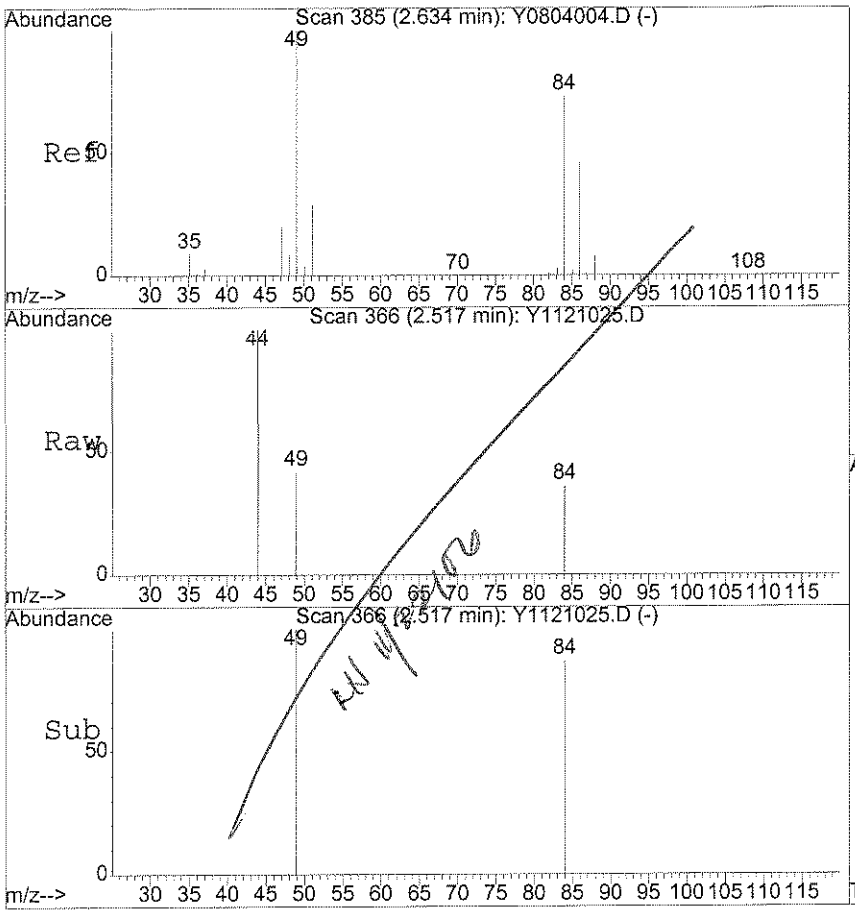
Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121025.D Vial: 37
Acq On : 21 Nov 2006 19:49 Operator: LH
Sample : JPL24-010 MW-12-4 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:38 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	0.00	91	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)	4-Isopropyltoluene	11.34	119	71	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	0.00	91	0	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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.	

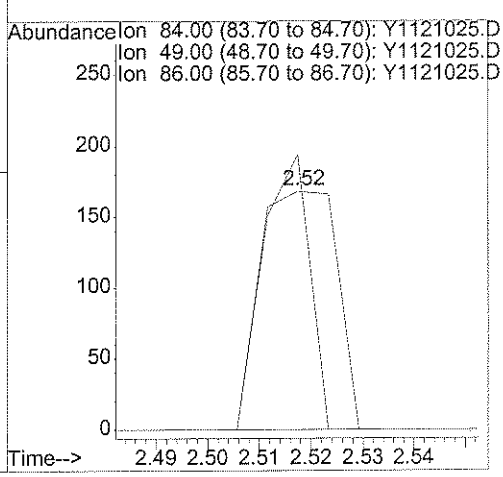
(#) = qualifier out of range (m) = manual integration

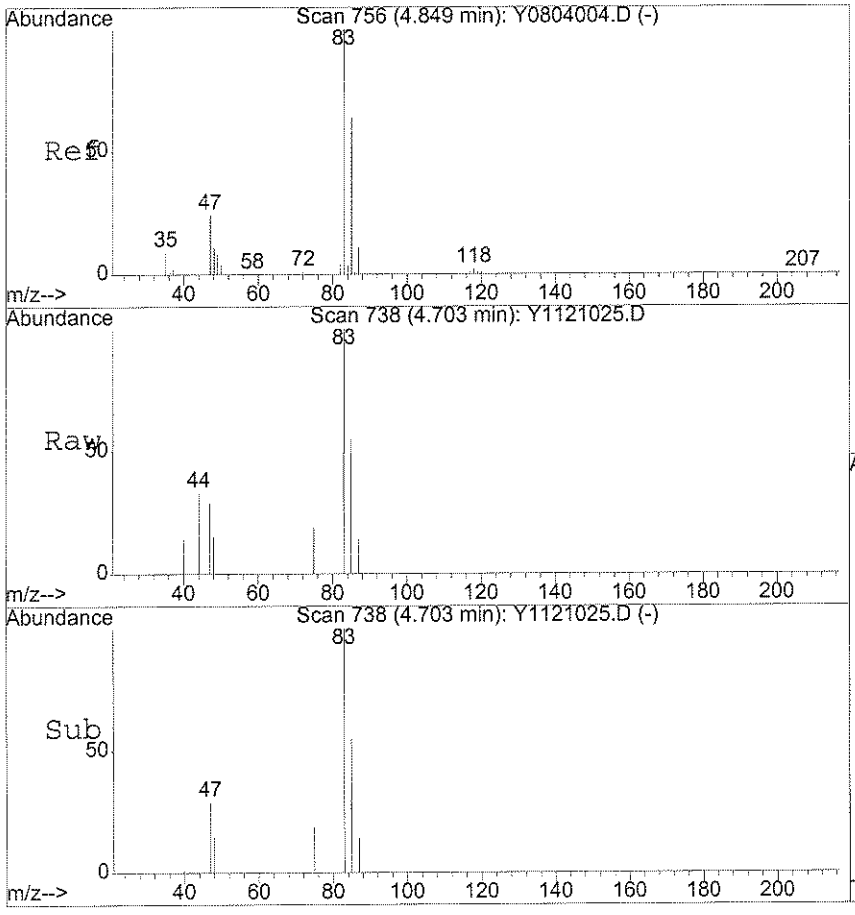


#18
Methylene Chloride
Concen: Below Cal
RT: 2.52 min Scan# 366
Delta R.T. 0.00 min
Lab File: Y1121025.D
Acq: 21 Nov 2006 19:49

Tgt Ion: 84 Resp: 173

Ion	Ratio	Lower	Upper
84	100		
49	70.5	100.9	140.9#
86	0.0	43.3	83.3#

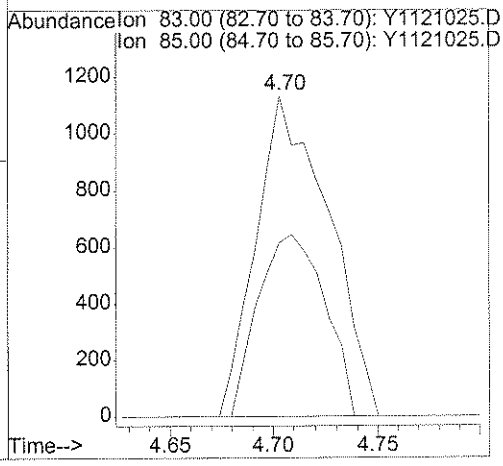


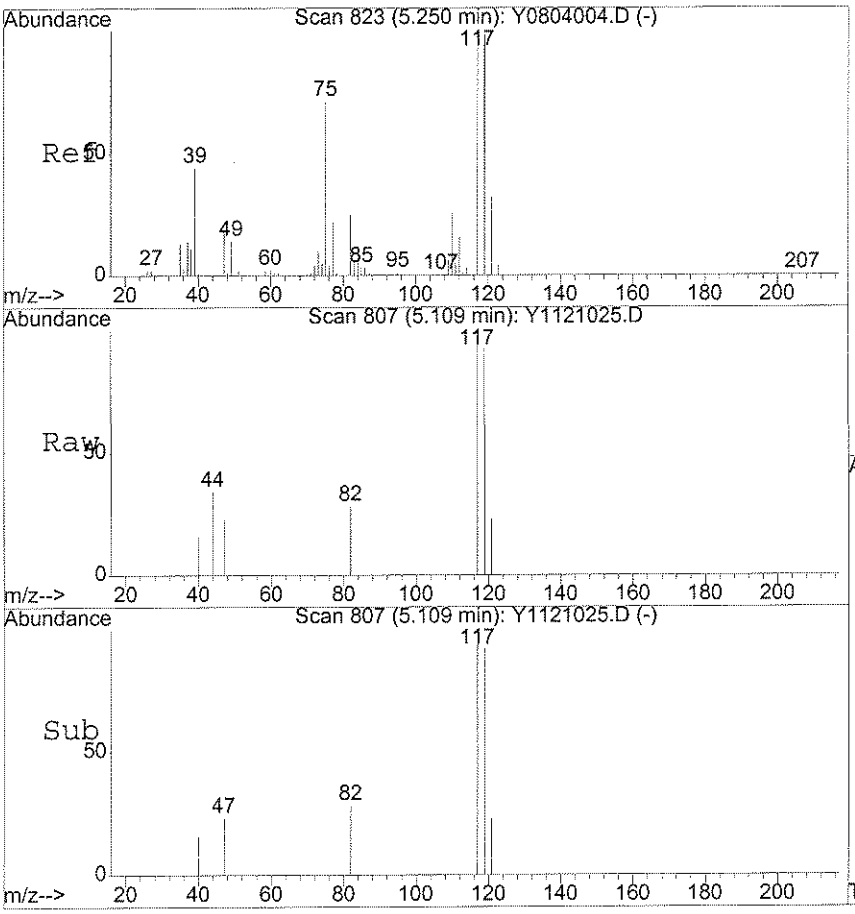


#31
Chloroform
Concen: 0.62 ug/l
RT: 4.70 min Scan# 738
Delta R.T. -0.01 min
Lab File: Y1121025.D
Acq: 21 Nov 2006 19:49

Tgt Ion: 83 Resp: 2734

Ion	Ratio	Lower	Upper
83	100		
85	52.5	43.3	83.3

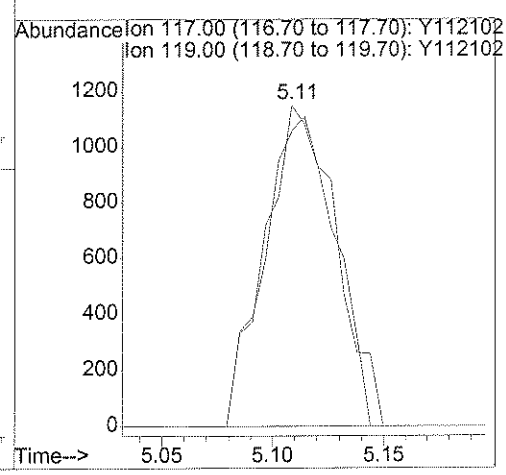


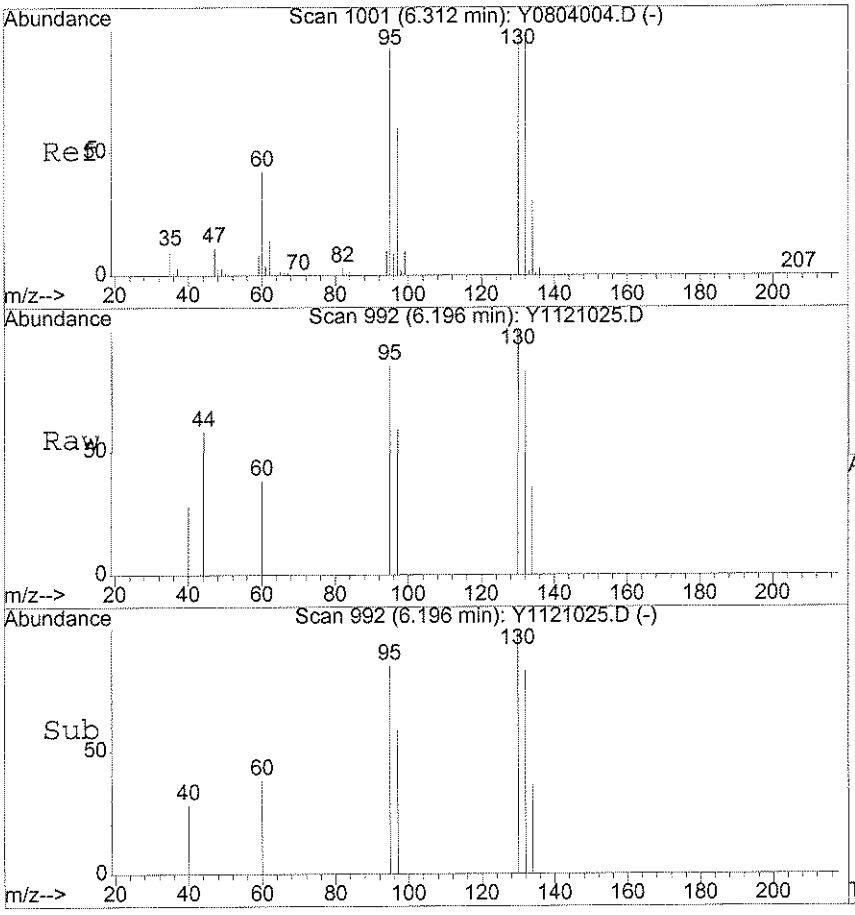


#35
Carbon Tetrachloride
Concen: 0.88 ug/l
RT: 5.11 min Scan# 807
Delta R.T. 0.00 min
Lab File: Y1121025.D
Acq: 21 Nov 2006 19:49

Tgt Ion:117 Resp: 2568

Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.2	118.2

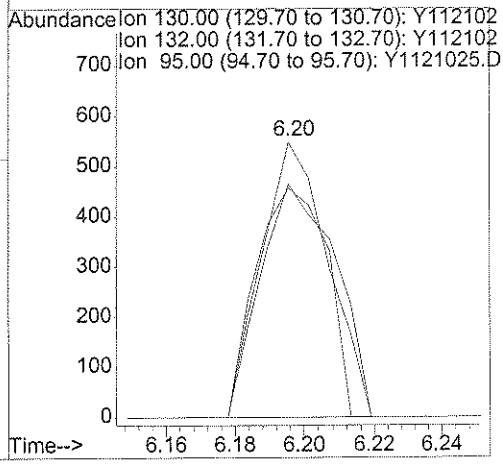




#42
Trichloroethene
Concen: 0.31 ug/l
RT: 6.20 min Scan# 992
Delta R.T. 0.00 min
Lab File: Y1121025.D
Acq: 21 Nov 2006 19:49

Tgt Ion:130 Resp: 729

Ion	Ratio	Lower	Upper
130	100		
132	88.6	75.0	115.0
95	0.0	69.4	109.4#



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-3

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121026.D

Level: (LOW/MED) Date Collected: 11/17/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 20:14

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	3.9	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	2.2	
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	
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-12-3

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121026.D

Level: (LOW/MED) Date Collected: 11/17/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 20:14

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-12-3

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL24

Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL24-011

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

Lab File ID: Y1121026.D

Level: (LOW/MED)

Date Collected: 11/17/2006

% Moisture: not dec.

Date/Time Analyzed: 11/21/2006 20:14

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

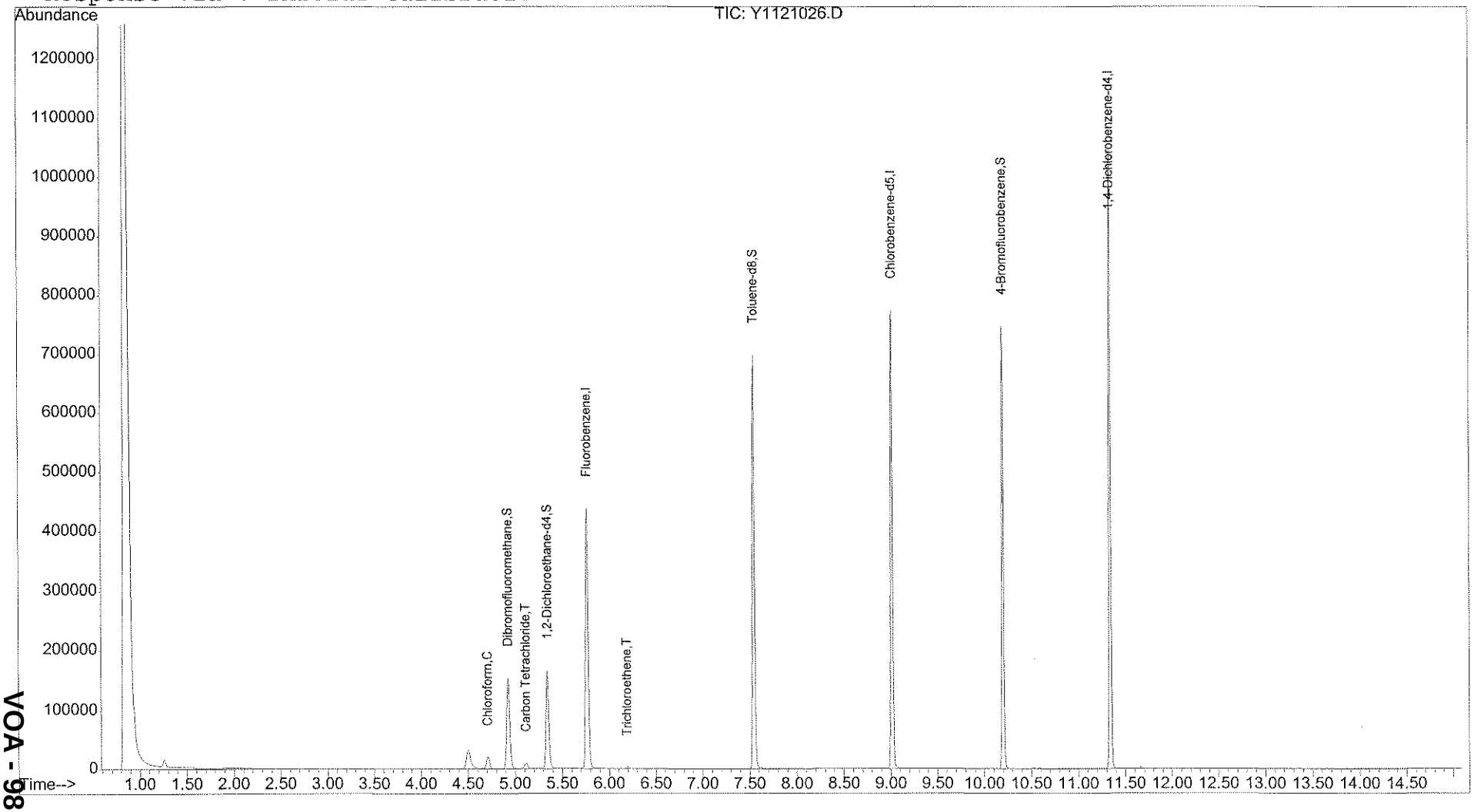
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121026.D Vial: 38
Acq On : 21 Nov 2006 20:14 Operator: LH
Sample : JPL24-011 MW-12-3 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:40 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 98

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121026.D Vial: 38
Acq On : 21 Nov 2006 20:14 Operator: LH
Sample : JPL24-011 MW-12-3 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:40 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	413215	50.00 ug/l	0.00 104.94%
50) Chlorobenzene-d5	9.02	82	202062	50.00 ug/l	0.00 122.51%
70) 1,4-Dichlorobenzene-d4	11.34	152	235754	50.00 ug/l	0.00 96.78%
System Monitoring Compounds					
32) Dibromofluoromethane	4.93	111	109621	44.69 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	120764	55.26 ug/l	0.00
51) Toluene-d8	7.55	98	410468	50.18 ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	198523	59.31 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) 1,1-Dichloroethene	0.00	96	0	N.D.	
9) Acrolein	0.00	56	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	573	N.D.	
15) Acetonitrile	0.00	40	0	N.D. d	
16) Allyl chloride	0.00	76	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.52	84	61	Below Cal #1	1
19) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	2.82	53	58	N.D.	
22) Vinyl acetate	0.00	43	0	N.D.	
23) 1,1-Dichloroethane	0.00	63	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.	

LH 11/22/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121026.D Vial: 38
Acq On : 21 Nov 2006 20:14 Operator: LH
Sample : JPL24-011 MW-12-3 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:40 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	19669	3.85 ug/l	100
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	0.00	56	0	N.D.	
35)	Carbon Tetrachloride	5.11	117	7392	2.19 ug/l	98
36)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	5.13	75	55	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	6.20	130	1351	0.50 ug/l	94
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1734	~~Below Cal #~~	1
52)	Toluene	7.62	92	141	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	53	N.D.	
63)	Ethylbenzene	9.17	91	53	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	70	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	9.70	104	195	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.19	105	57	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

LU 11/29/06

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

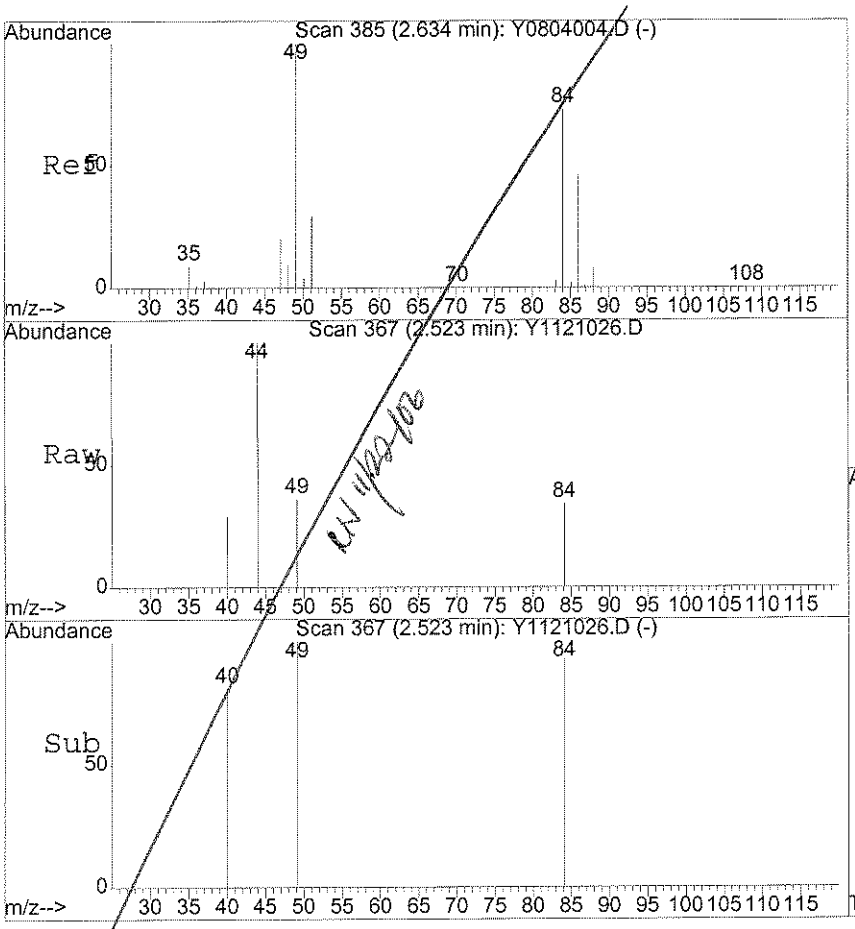
Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121026.D Vial: 38
Acq On : 21 Nov 2006 20:14 Operator: LH
Sample : JPL24-011 MW-12-3 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:40 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0		N.D.	
75)	Bromobenzene	0.00	156	0		N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0		N.D.	
77)	2-Chlorotoluene	0.00	91	0		N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0		N.D.	
79)	4-Chlorotoluene	0.00	91	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)	4-Isopropyltoluene	11.34	119	146		N.D.	
84)	1,3-Dichlorobenzene	11.36	146	55		N.D.	
85)	1,4-Dichlorobenzene	11.36	146	55		N.D.	
86)	n-Butylbenzene	0.00	91	0		N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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.	

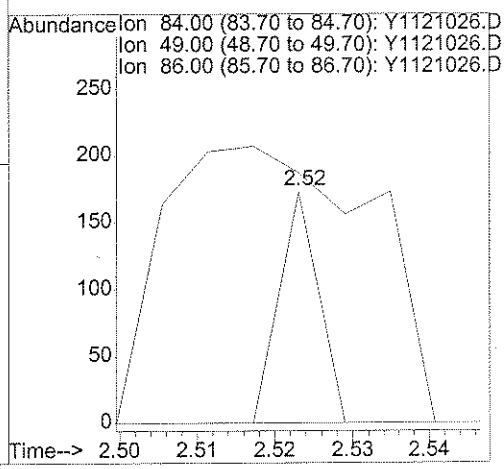
(#) = qualifier out of range (m) = manual integration

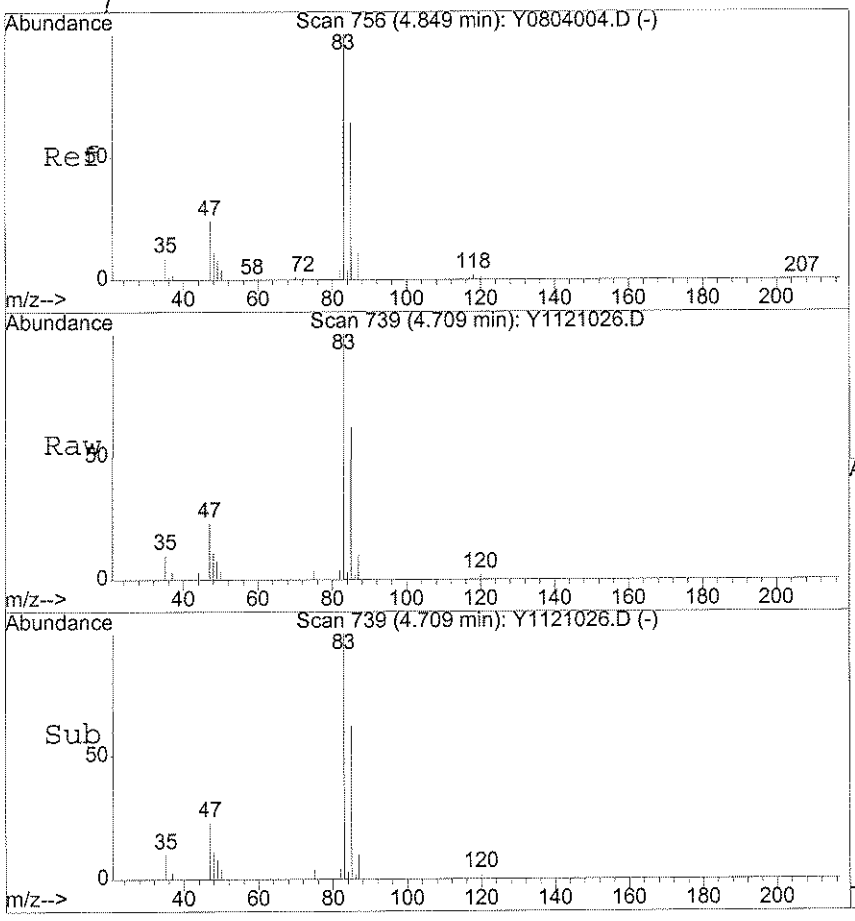


#18
Methylene Chloride
Concen: Below Cal
RT: 2.52 min Scan# 367
Delta R.T. 0.01 min
Lab File: Y1121026.D
Acq: 21 Nov 2006 20:14

Tgt Ion: 84 Resp: 61

Ion	Ratio	Lower	Upper
84	100		
49	629.5	100.9	140.9#
86	0.0	43.3	83.3#

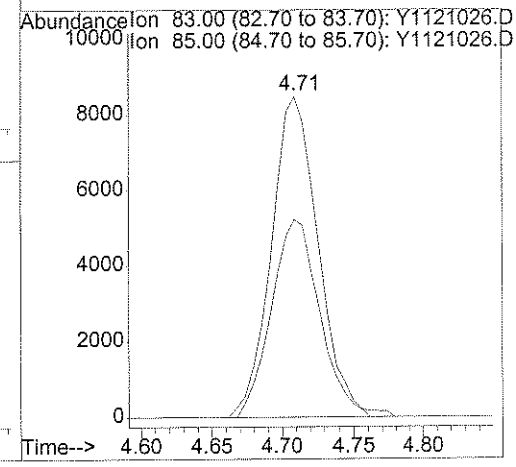


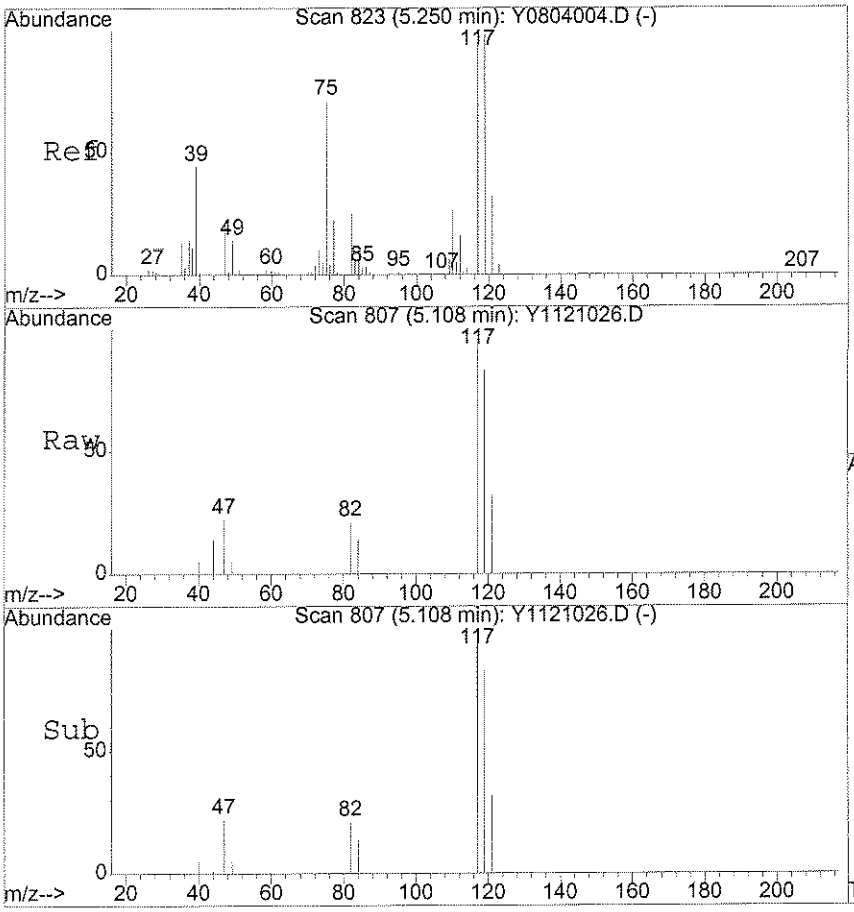


#31
Chloroform
Concen: 3.85 ug/l
RT: 4.71 min Scan# 739
Delta R.T. -0.00 min
Lab File: Y1121026.D
Acq: 21 Nov 2006 20:14

Tgt Ion: 83 Resp: 19669

Ion	Ratio	Lower	Upper
83	100		
85	62.9	43.3	83.3

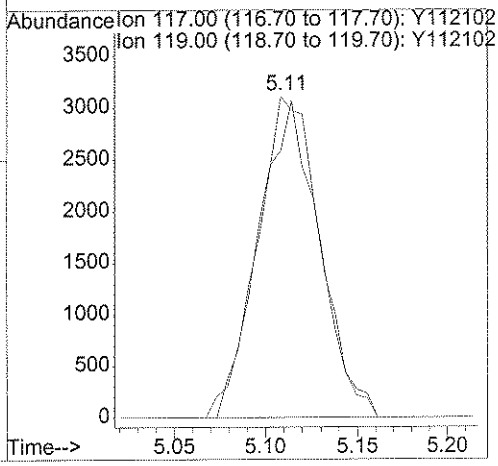


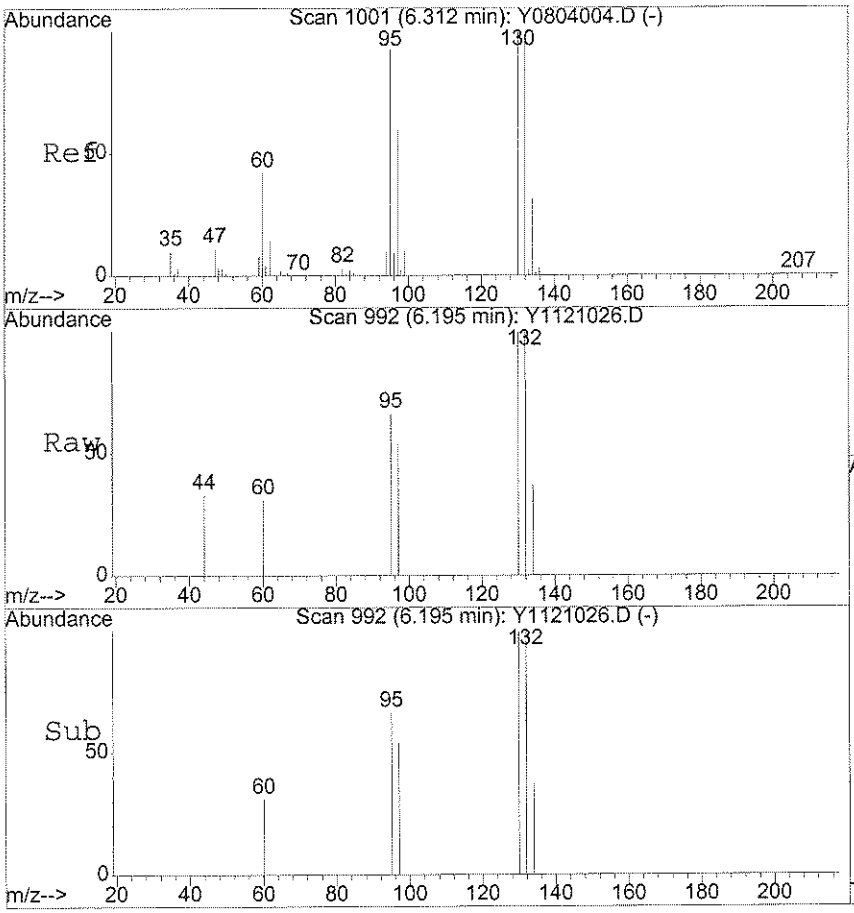


#35
Carbon Tetrachloride
Concen: 2.19 ug/l
RT: 5.11 min Scan# 807
Delta R.T. -0.00 min
Lab File: Y1121026.D
Acq: 21 Nov 2006 20:14

Tgt Ion:117 Resp: 7392

Ion	Ratio	Lower	Upper
117	100		
119	96.5	78.2	118.2

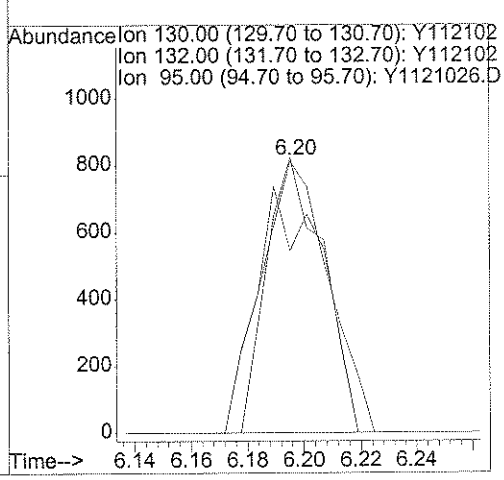




#42
Trichloroethene
Concen: 0.50 ug/l
RT: 6.20 min Scan# 992
Delta R.T. -0.00 min
Lab File: Y1121026.D
Acq: 21 Nov 2006 20:14

Tgt Ion:130 Resp: 1351

Ion	Ratio	Lower	Upper
130	100		
132	84.5	75.0	115.0
95	88.9	69.4	109.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-2

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121027.D

Level: (LOW/MED) _____ Date Collected: 11/17/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/21/2006 20:38

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-2

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121027.D

Level: (LOW/MED) Date Collected: 11/17/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 20:38

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-2

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121027.D

Level: (LOW/MED) _____ Date Collected: 11/17/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/21/2006 20:38

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

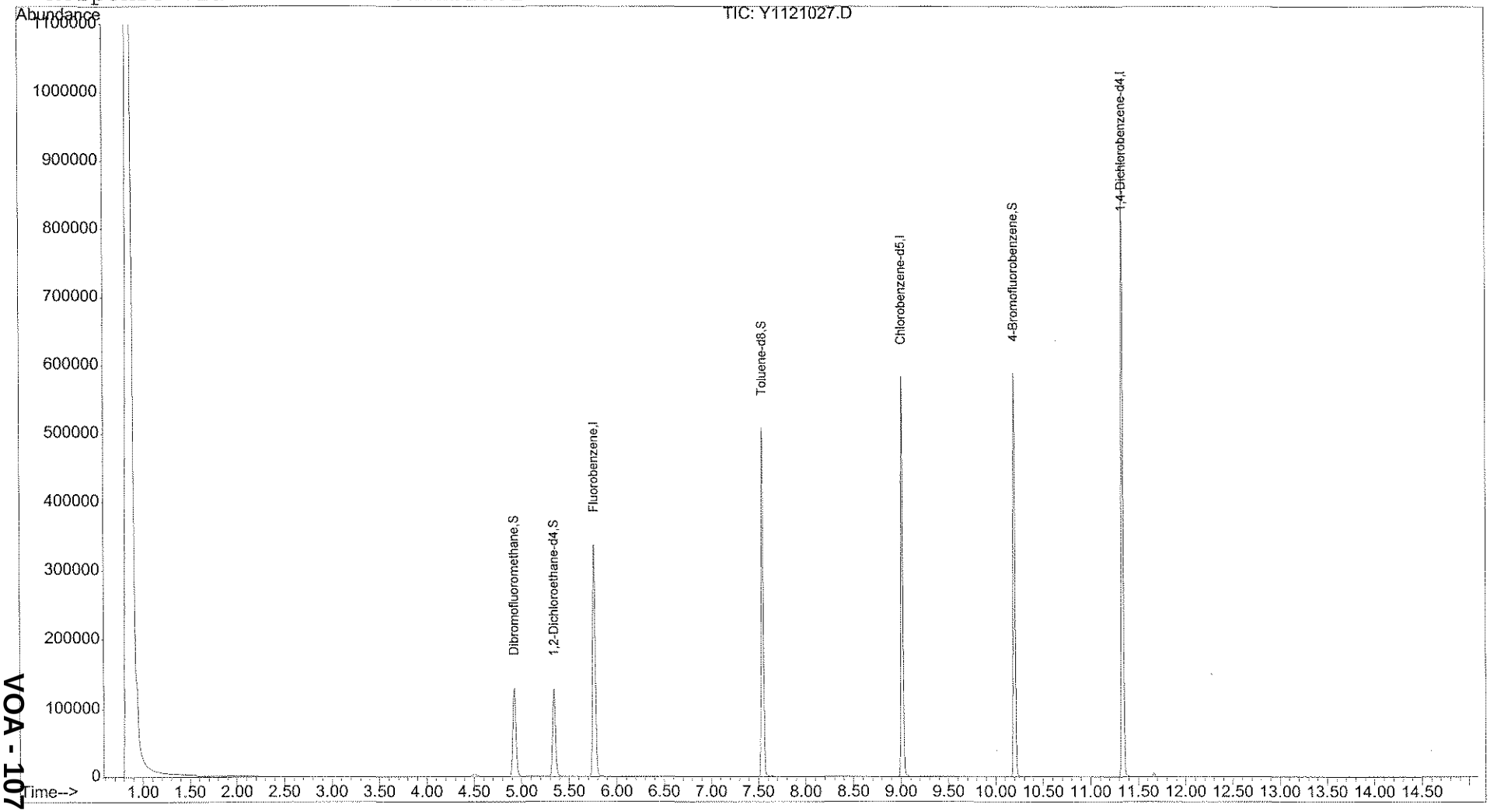
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121027.D Vial: 39
Acq On : 21 Nov 2006 20:38 Operator: LH
Sample : JPL24-012 MW-12-2 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:41 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 107

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121027.D Vial: 39
Acq On : 21 Nov 2006 20:38 Operator: LH
Sample : JPL24-012 MW-12-2 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:41 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	320989	50.00	ug/l	0.00 81.52%
50) Chlorobenzene-d5	9.01	82	158089	50.00	ug/l	0.00 95.85%
70) 1,4-Dichlorobenzene-d4	11.34	152	203756	50.00	ug/l	0.00 83.65%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	94837	49.77	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	97561	57.47	ug/l	0.00
51) Toluene-d8	7.55	98	305033	47.66	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	160919	55.63	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.16	43	518	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.21	76	414	N.D.		
15) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.52	84	66	~~Below Cal~~		1
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

KL 11/27/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121027.D Vial: 39
Acq On : 21 Nov 2006 20:38 Operator: LH
Sample : JPL24-012 MW-12-2 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:41 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	512	N.D.	
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	0.00	56	0	N.D.	
35)	Carbon Tetrachloride	5.11	117	419	N.D.	
36)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1438	Below Cal # 1	
52)	Toluene	0.00	92	0	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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)	Ethylbenzene	9.30	91	439	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	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.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

JLS 11/22/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121027.D
Acq On : 21 Nov 2006 20:38
Sample : JPL24-012 MW-12-2
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Nov 22 10:41 2006

Vial: 39
Operator: LH
Inst : yoda
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0		N.D.	
75)	Bromobenzene	0.00	156	0		N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0		N.D.	
77)	2-Chlorotoluene	0.00	91	0		N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0		N.D.	
79)	4-Chlorotoluene	0.00	91	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)	4-Isopropyltoluene	11.34	119	142		N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0		N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0		N.D.	
86)	n-Butylbenzene	0.00	91	0		N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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-12-1

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121028.D

Level: (LOW/MED) Date Collected: 11/17/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 21:03

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-12-1

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121028.D

Level: (LOW/MED) Date Collected: 11/17/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 21:03

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-12-1

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL24

Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL24-013

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

Lab File ID: Y1121028.D

Level: (LOW/MED)

Date Collected: 11/17/2006

% Moisture: not dec.

Date/Time Analyzed: 11/21/2006 21:03

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

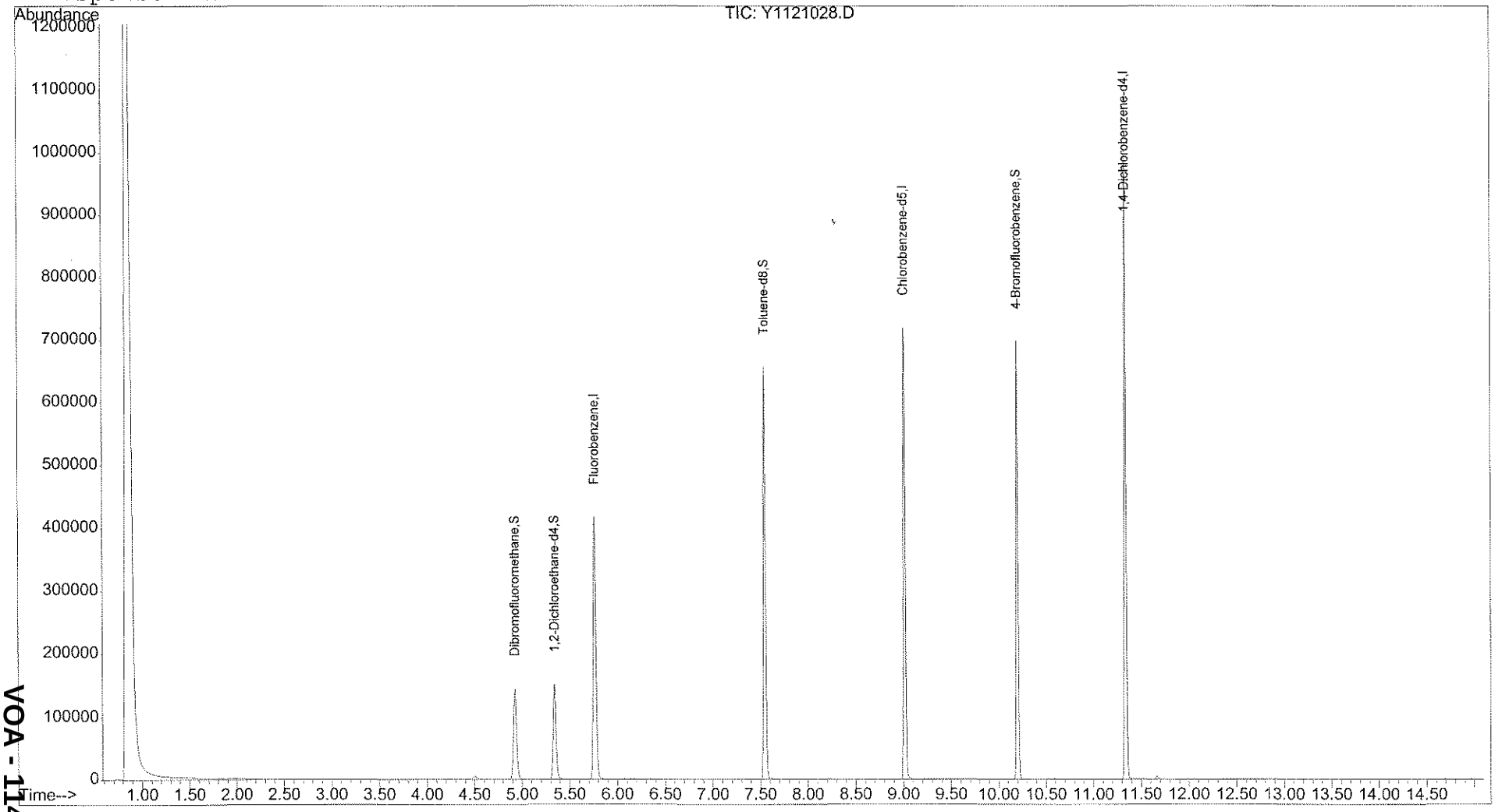
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121028.D Vial: 40
Acq On : 21 Nov 2006 21:03 Operator: LH
Sample : JPL24-013 MW-12-1 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:42 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 114

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121028.D Vial: 40
Acq On : 21 Nov 2006 21:03 Operator: LH
Sample : JPL24-013 MW-12-1 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:42 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	392090	50.00 ug/l	0.00 99.58%
50) Chlorobenzene-d5	9.01	82	191137	50.00 ug/l	0.00 115.89%
70) 1,4-Dichlorobenzene-d4	11.34	152	219969	50.00 ug/l	0.00 90.30%
System Monitoring Compounds					
32) Dibromofluoromethane	4.93	111	103557	44.50 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	113704	54.83 ug/l	0.00
51) Toluene-d8	7.55	98	390615	50.48 ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	187283	59.97 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) 1,1-Dichloroethene	0.00	96	0	N.D.	
9) Acrolein	0.00	56	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	2.23	76	656	N.D.	
15) Acetonitrile	0.00	40	0	N.D. d	
16) Allyl chloride	0.00	76	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D. LH 11/20/06	
18) Methylene Chloride	2.52	84	55	~~Below Cal # 1~~	
19) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	0.00	53	0	N.D.	
22) Vinyl acetate	0.00	43	0	N.D.	
23) 1,1-Dichloroethane	0.00	63	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.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121028.D Vial: 40
Acq On : 21 Nov 2006 21:03 Operator: LH
Sample : JPL24-013 MW-12-1 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:42 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	LH 11/22/06
49)	4-Methyl-2-pentanone	7.55	43	1758	~~Below Cal # 1~~	
52)	Toluene	7.61	92	59	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.29	91	349	N.D.	
63)	Ethylbenzene	9.29	91	349	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.30	106	113	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	123	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121028.D Vial: 40
Acq On : 21 Nov 2006 21:03 Operator: LH
Sample : JPL24-013 MW-12-1 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:42 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	0.00	91	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)	4-Isopropyltoluene	11.34	119	62	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	0.00	91	0	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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.

EB-16-11/17/06

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121029.D

Level: (LOW/MED) Date Collected: 11/17/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 21:27

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-16-11/17/06

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121029.D

Level: (LOW/MED) Date Collected: 11/17/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 21:27

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-16-11/17/06

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121029.D

Level: (LOW/MED) Date Collected: 11/17/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 21:27

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

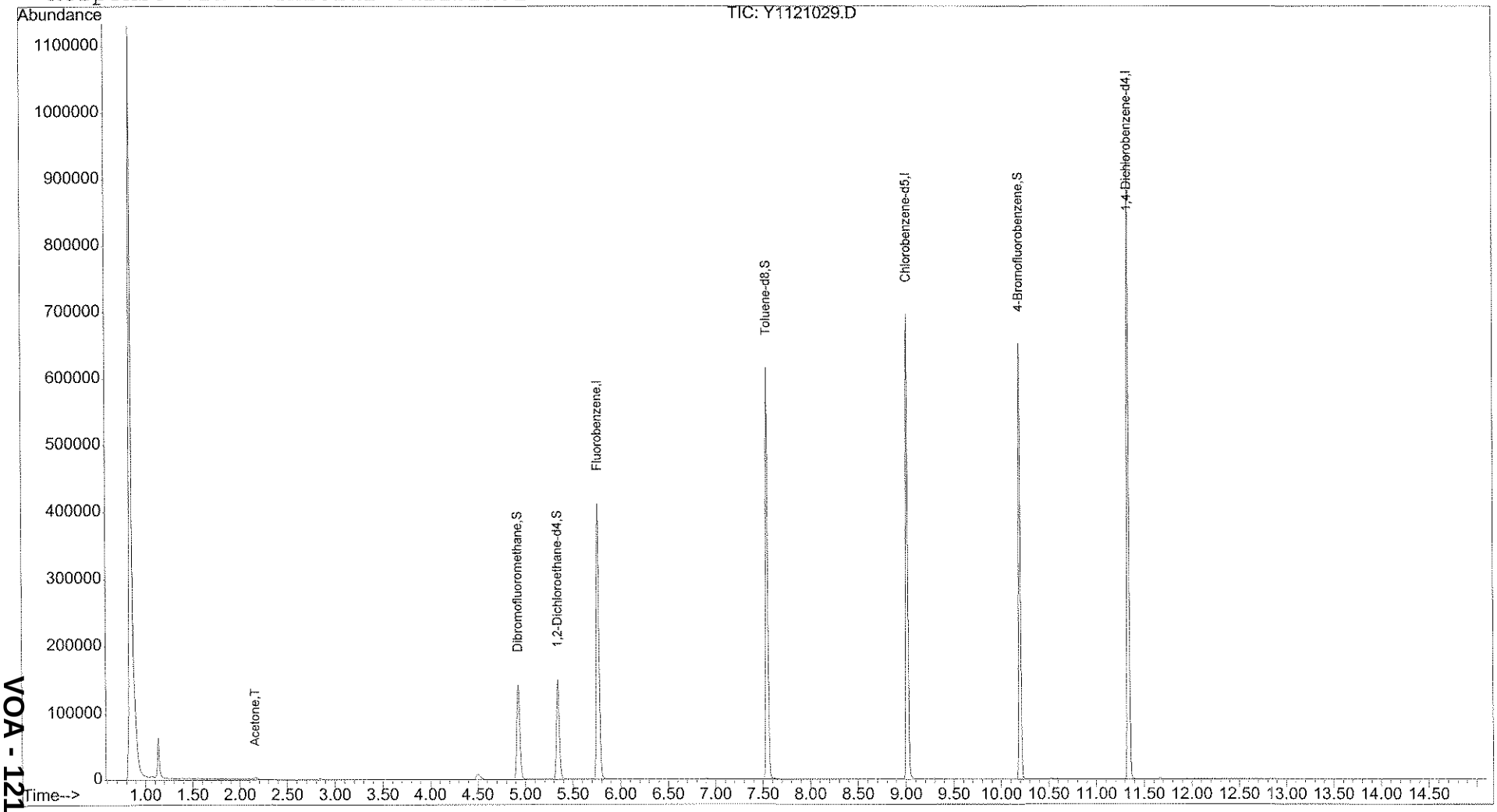
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121029.D Vial: 41
Acq On : 21 Nov 2006 21:27 Operator: LH
Sample : JPL24-014 EB-16-11/17/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:43 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 121

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121029.D Vial: 41
Acq On : 21 Nov 2006 21:27 Operator: LH
Sample : JPL24-014 EB-16-11/17/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:43 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	379099	50.00	ug/l	0.00 96.28%
50) Chlorobenzene-d5	9.02	82	183494	50.00	ug/l	0.00 111.25%
70) 1,4-Dichlorobenzene-d4	11.34	152	219501	50.00	ug/l	0.00 90.11%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	102499	45.55	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	112539	56.13	ug/l	0.00
51) Toluene-d8	7.55	98	372374	50.13	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	179948	57.74	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.16	43	5282	7.73	ug/l #	82
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) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.52	84	69	Below Cal	#	
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

LW 11/29/06

LW 12/5/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121029.D Vial: 41
Acq On : 21 Nov 2006 21:27 Operator: LH
Sample : JPL24-014 EB-16-11/17/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:43 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
27)	2-Butanone	4.37	43	1097	~~Below Cal~~ #	65
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	110	N.D.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	5.04	75	56	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1586	~~Below Cal~~ #	1
52)	Toluene	7.61	92	60	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	228	N.D.	
63)	Ethylbenzene	9.17	91	228	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	406	N.D.	
66)	o-xylene	9.68	106	57	N.D.	
67)	Styrene	0.00	104	0	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.06	105	53	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

LH 11/20/06

LH 11/22/06

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

Quantitation Report

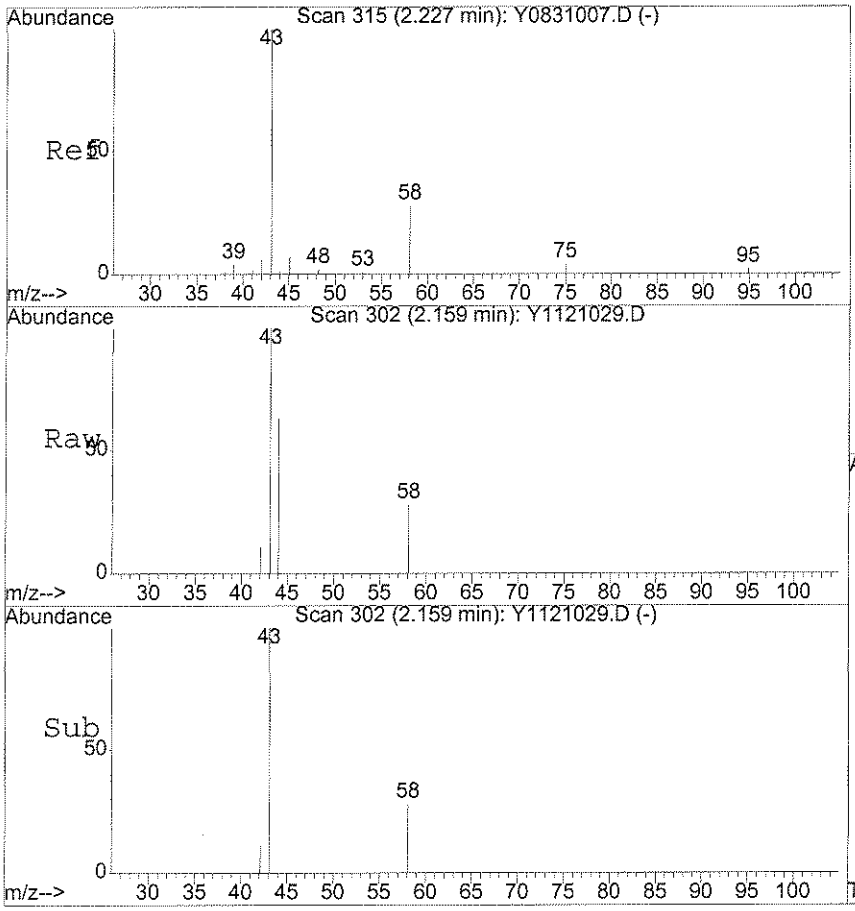
Data File : X:\MSVOA\YODA\112106\Y1121029.D
Acq On : 21 Nov 2006 21:27
Sample : JPL24-014 EB-16-11/17/06
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Nov 22 10:43 2006

Vial: 41
Operator: LH
Inst : yoda
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0		N.D.	
75)	Bromobenzene	0.00	156	0		N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0		N.D.	
77)	2-Chlorotoluene	0.00	91	0		N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0		N.D.	
79)	4-Chlorotoluene	0.00	91	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)	4-Isopropyltoluene	11.33	119	72		N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0		N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0		N.D.	
86)	n-Butylbenzene	0.00	91	0		N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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	13.55	128	301		N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0		N.D.	

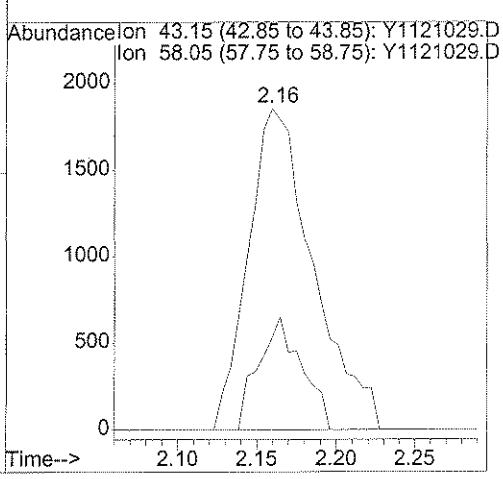
(#) = qualifier out of range (m) = manual integration

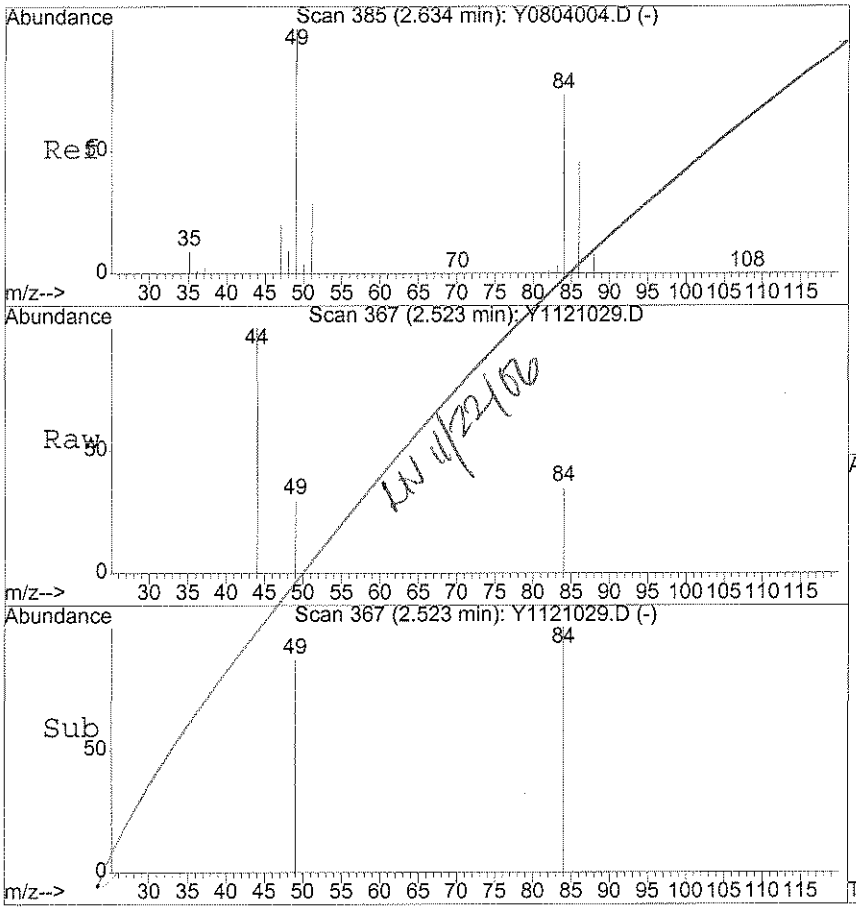


#11
Acetone
Concen: 7.73 ug/l
RT: 2.16 min Scan# 302
Delta R.T. -0.00 min
Lab File: Y1121029.D
Acq: 21 Nov 2006 21:27

Tgt Ion: 43 Resp: 5282

Ion	Ratio	Lower	Upper
43	100		
58	23.3	26.8	40.2#

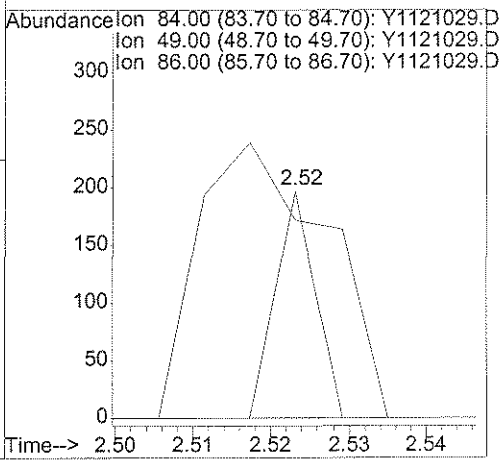




#18
Methylene Chloride
Concen: Below Cal
RT: 2.52 min Scan# 367
Delta R.T. 0.01 min
Lab File: Y1121029.D
Acq: 21 Nov 2006 21:27

Tgt Ion: 84 Resp: 69

Ion	Ratio	Lower	Upper
84	100		
49	392.8	100.9	140.9#
86	0.0	43.3	83.3#



Y1121029.D 8260B.M Acq :21 Nov 2006 21:27
Sample = JPL24-014 EB-16-11/1 Misc = 5mL+IS/SS #1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-16-11/17/06

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-015

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121012.D

Level: (LOW/MED) Date Collected: 11/17/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 14:32

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-16-11/17/06

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-015

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121012.D

Level: (LOW/MED) Date Collected: 11/17/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 14:32

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-16-11/17/06

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-015

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121012.D

Level: (LOW/MED) Date Collected: 11/17/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 14:32

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

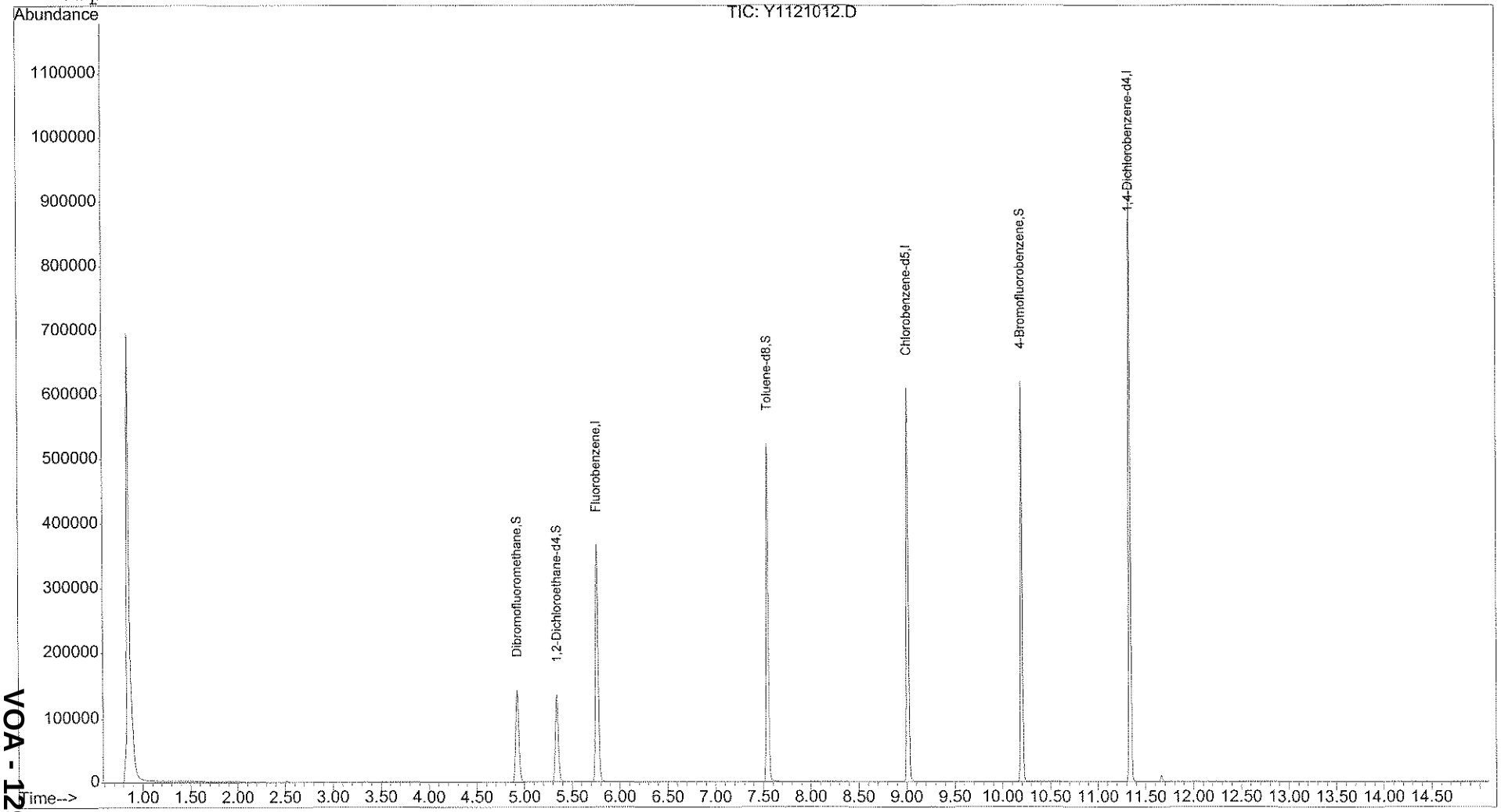
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121012.D Vial: 24
Acq On : 21 Nov 2006 14:32 Operator: LH
Sample : JPL24-015 TB-16-11/17/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:24 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 129

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121012.D Vial: 24
Acq On : 21 Nov 2006 14:32 Operator: LH
Sample : JPL24-015 TB-16-11/17/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:24 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	346016	50.00	ug/l	0.00 87.88%
50) Chlorobenzene-d5	9.01	82	161524	50.00	ug/l	0.00 97.93%
70) 1,4-Dichlorobenzene-d4	11.34	152	218779	50.00	ug/l	0.00 89.81%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	105899	51.56	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	104833	57.28	ug/l	0.00
51) Toluene-d8	7.55	98	319872	48.92	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	169920	54.71	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.52	84	1145	Below Cal # 83		
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

LH 11/22/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121012.D Vial: 24
Acq On : 21 Nov 2006 14:32 Operator: LH
Sample : JPL24-015 TB-16-11/17/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:24 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D. LH 11/22/06	
49)	4-Methyl-2-pentanone	7.55	43	1292	Below Cal #	1
52)	Toluene	0.00	92	0	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.29	91	140	N.D.	
63)	Ethylbenzene	9.29	91	140	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	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	65	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	10.65	120	63	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121012.D Vial: 24
Acq On : 21 Nov 2006 14:32 Operator: LH
Sample : JPL24-015 TB-16-11/17/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:24 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.47	91	153	N.D.	
78)	1,3,5-Trimethylbenzene	10.66	105	63	N.D.	
79)	4-Chlorotoluene	10.65	91	128	N.D.	
80)	tert-Butylbenzene	10.97	119	60	N.D.	
81)	1,2,4-Trimethylbenzene	11.02	105	68	N.D.	
82)	sec-butylbenzene	11.18	105	283	N.D.	
83)	4-Isopropyltoluene	11.34	119	554	N.D.	
84)	1,3-Dichlorobenzene	11.27	146	66	N.D.	
85)	1,4-Dichlorobenzene	11.37	146	125	N.D.	
86)	n-Butylbenzene	11.74	91	365	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	13.31	180	239	N.D.	
90)	Hexachlorobutadiene	13.50	225	85	N.D.	
91)	Naphthalene	13.54	128	223	N.D.	
92)	1,2,3-Trichlorobenzene	13.79	180	99	N.D.	

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-5

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-016

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121030.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 21:52

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-22-5

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-016

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121030.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 21:52

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-22-5

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-016

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121030.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 21:52

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

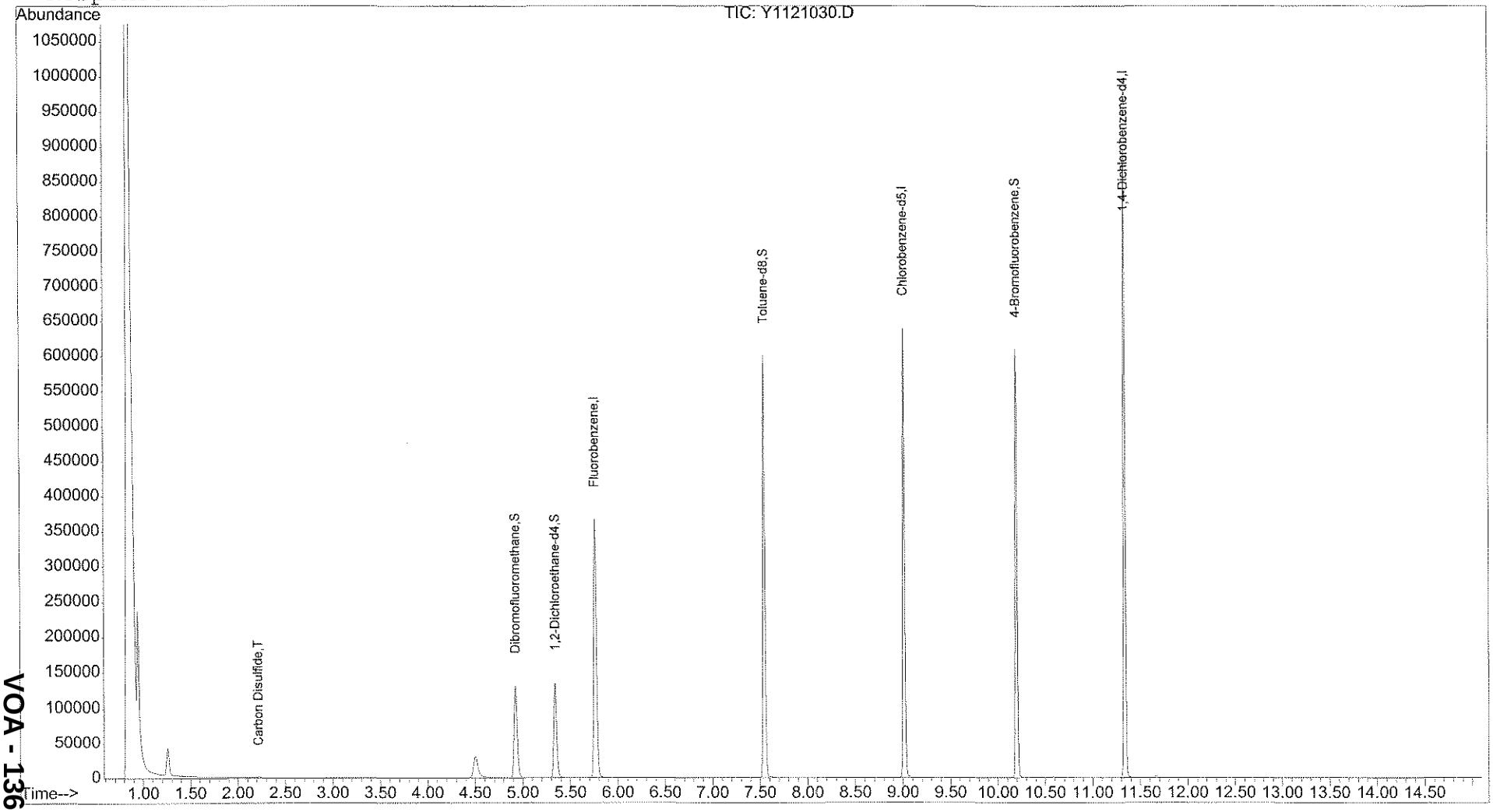
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121030.D Vial: 42
Acq On : 21 Nov 2006 21:52 Operator: LH
Sample : JPL24-016 MW-22-5 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:44 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 136

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121030.D Vial: 42
Acq On : 21 Nov 2006 21:52 Operator: LH
Sample : JPL24-016 MW-22-5 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:44 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	345225	50.00	ug/l	0.00 87.68%
50) Chlorobenzene-d5	9.01	82	170324	50.00	ug/l	0.00 103.27%
70) 1,4-Dichlorobenzene-d4	11.34	152	202044	50.00	ug/l	0.00 82.94%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	94941	46.33	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	100541	55.06	ug/l	0.00
51) Toluene-d8	7.55	98	354521	51.41	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	166457	58.03	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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	2740	0.44	ug/l	100
15) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

LNH 12/5/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121030.D Vial: 42
Acq On : 21 Nov 2006 21:52 Operator: LH
Sample : JPL24-016 MW-22-5 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:44 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	5.07	75	57	N.D.	
39)	Benzene	5.39	78	69	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1625	~~Below Cal # 1~~	
52)	Toluene	7.61	92	299	N.D. JVH 12/5/06	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	319	N.D.	
63)	Ethylbenzene	9.17	91	319	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	129	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	9.70	104	252	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.20	105	118	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

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

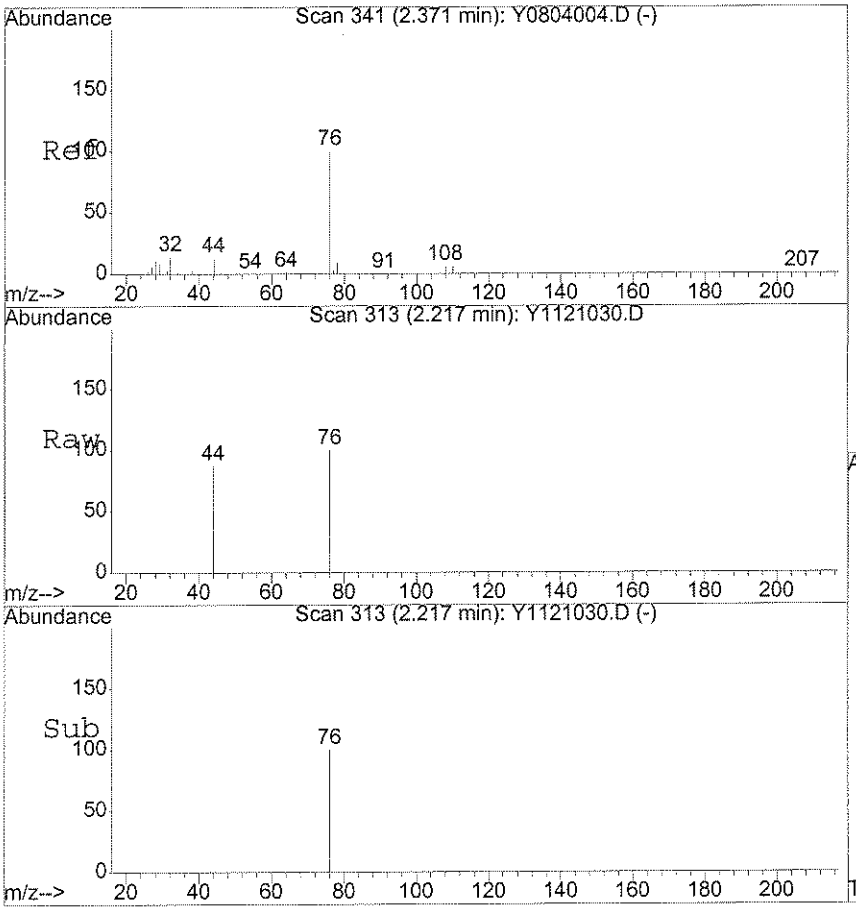
Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121030.D Vial: 42
Acq On : 21 Nov 2006 21:52 Operator: LH
Sample : JPL24-016 MW-22-5 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:44 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

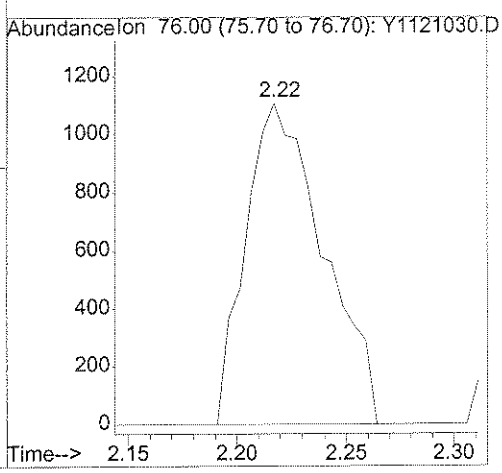
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	0.00	91	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.02	105	55	N.D.	
82)	sec-butylbenzene	11.02	105	55	N.D.	
83)	4-Isopropyltoluene	11.33	119	74	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	0.00	91	0	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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.	

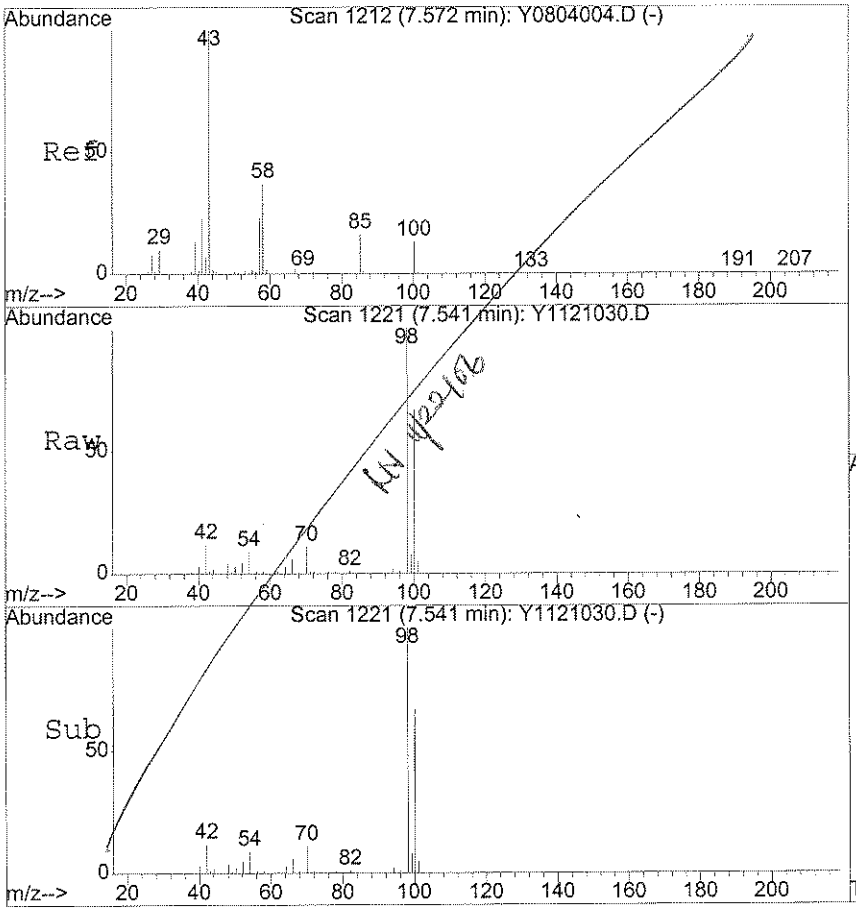
(#) = qualifier out of range (m) = manual integration



#14
Carbon Disulfide
Concen: 0.44 ug/l
RT: 2.22 min Scan# 313
Delta R.T. 0.00 min
Lab File: Y1121030.D
Acq: 21 Nov 2006 21:52

Tgt Ion: 76 Resp: 2740

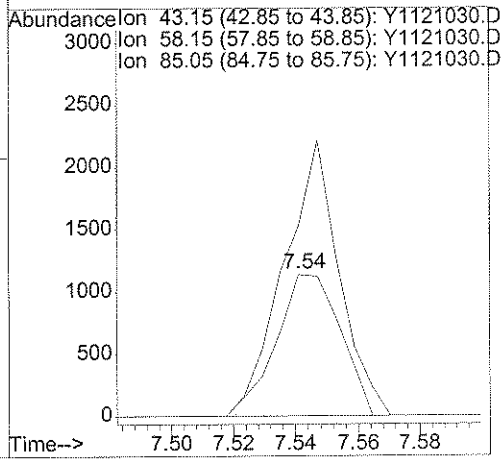




#49
4-Methyl-2-pentanone
Concen: Below Cal
RT: 7.54 min Scan# 1221
Delta R.T. 0.02 min
Lab File: Y1121030.D
Acq: 21 Nov 2006 21:52

Tgt Ion: 43 Resp: 1625

Ion	Ratio	Lower	Upper
43	100		
58	166.6	34.3	51.5#
85	0.0	14.3	21.5#



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-4

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-017

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121031.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 22:16

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-22-4

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-017

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121031.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 22:16

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-22-4

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-017

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121031.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 22:16

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

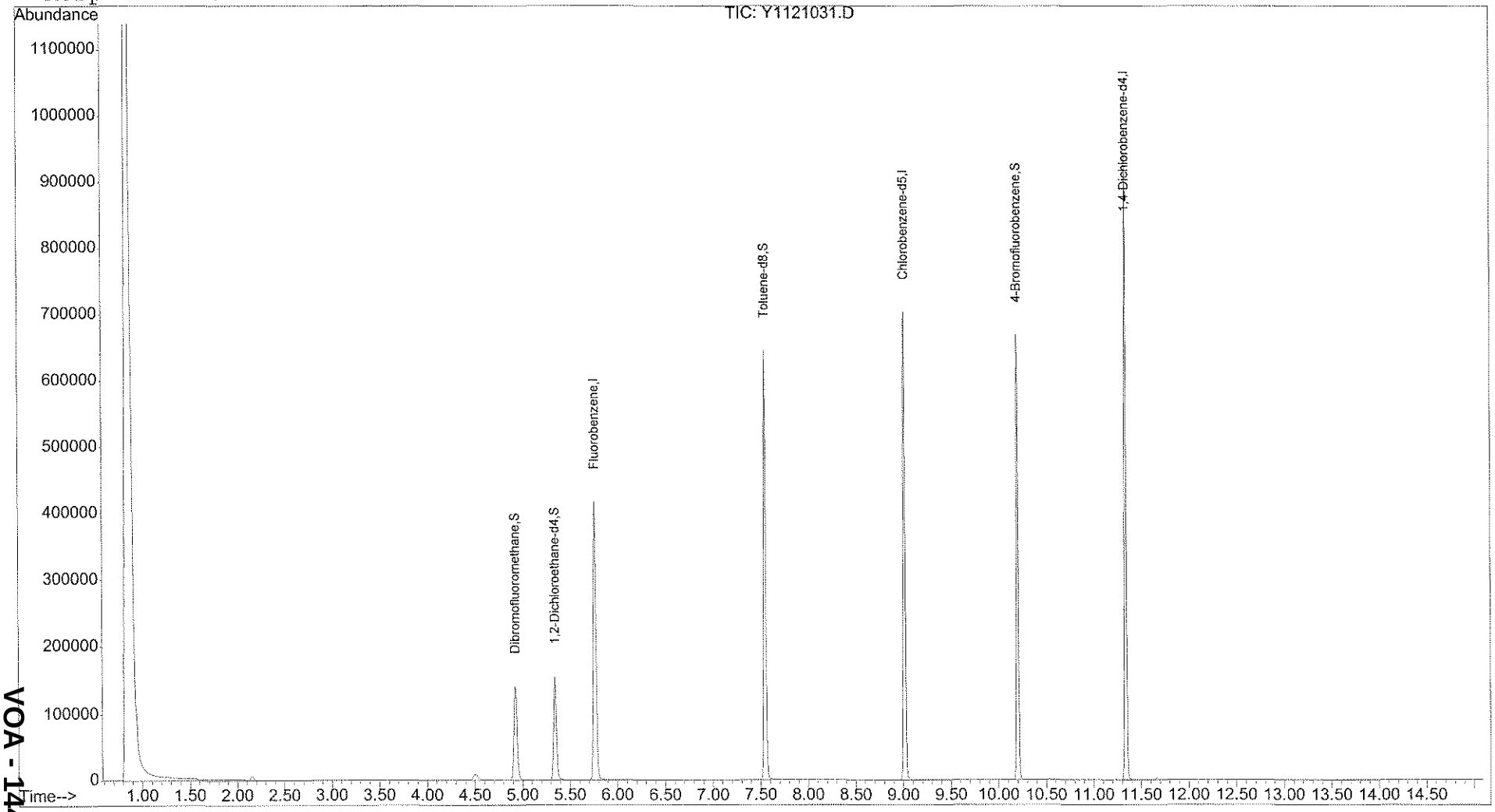
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121031.D Vial: 43
Acq On : 21 Nov 2006 22:16 Operator: LH
Sample : JPL24-017 MW-22-4 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:45 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 144

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121031.D Vial: 43
Acq On : 21 Nov 2006 22:16 Operator: LH
Sample : JPL24-017 MW-22-4 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:45 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	392240	50.00 ug/l	0.00 99.62%
50) Chlorobenzene-d5	9.01	82	187833	50.00 ug/l	0.00 113.88%
70) 1,4-Dichlorobenzene-d4	11.34	152	215131	50.00 ug/l	0.00 88.32%
System Monitoring Compounds					
32) Dibromofluoromethane	4.93	111	104018	44.68 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	114513	55.20 ug/l	0.00
51) Toluene-d8	7.55	98	385169	50.65 ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	181518	59.43 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) 1,1-Dichloroethene	0.00	96	0	N.D.	
9) Acrolein	0.00	56	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.15	43	574	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.22	76	753	N.D.	
15) Acetonitrile	0.00	40	0	N.D. d	
16) Allyl chloride	0.00	76	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D. LH 11/20/06	
18) Methylene Chloride	2.52	84	57	~~Below Cal #~~ 11	
19) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	0.00	53	0	N.D.	
22) Vinyl acetate	0.00	43	0	N.D.	
23) 1,1-Dichloroethane	0.00	63	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.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121031.D Vial: 43
Acq On : 21 Nov 2006 22:16 Operator: LH
Sample : JPL24-017 MW-22-4 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:45 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
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.		
33)	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)	Methyl methacrylate	0.00	41	0	N.D.		
37)	1,1-Dichloropropene	0.00	75	0	N.D.		
39)	Benzene	5.40	78	238	N.D.		
40)	1,2-Dichloroethane	0.00	62	0	N.D.		
41)	Isobutanol	0.00	43	0	N.D.		
42)	Trichloroethene	0.00	130	0	N.D.		
43)	Methylcyclohexane	0.00	83	0	N.D.		
44)	1,2-Dichloropropane	0.00	63	0	N.D.		
45)	Dibromomethane	0.00	93	0	N.D.		
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
47)	Bromodichloromethane	0.00	83	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	7.54	43	1565	~~Below Cal #~~ 1		
52)	Toluene	7.61	92	325	N.D.		
53)	Ethyl methacrylate	0.00	69	0	N.D.		
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	2-Hexanone	0.00	43	0	N.D.		
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	301	N.D.		
63)	Ethylbenzene	9.17	91	301	N.D.		
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
65)	m,p-Xylene	9.29	106	415	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	9.70	104	155	N.D.		
68)	Bromoform	0.00	173	0	N.D.		
69)	Isopropylbenzene	10.20	105	127	N.D.		
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
73)	n-Propylbenzene	0.00	120	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121031.D Vial: 43
Acq On : 21 Nov 2006 22:16 Operator: LH
Sample : JPL24-017 MW-22-4 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:45 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	0.00	91	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)	4-Isopropyltoluene	0.00	119	0	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	0.00	91	0	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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-22-3

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-018

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121032.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 22:40

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-3

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-018

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121032.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 22:40

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-22-3

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-018

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121032.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 22:40

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

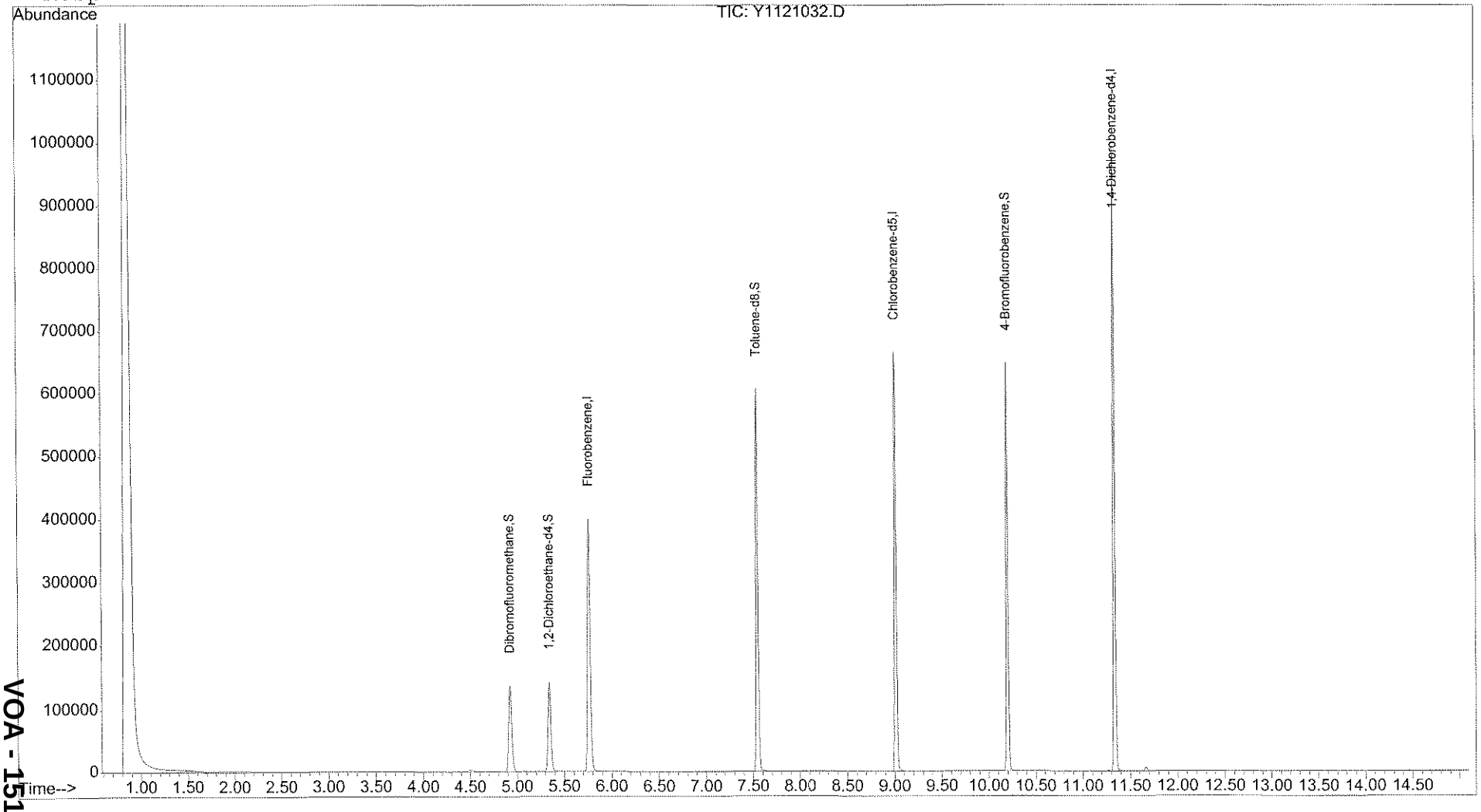
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121032.D Vial: 44
Acq On : 21 Nov 2006 22:40 Operator: LH
Sample : JPL24-018 MW-22-3 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:46 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 151

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121032.D Vial: 44
Acq On : 21 Nov 2006 22:40 Operator: LH
Sample : JPL24-018 MW-22-3 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:46 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	370968	50.00 ug/l	0.00 94.21%
50) Chlorobenzene-d5	9.01	82	175780	50.00 ug/l	0.00 106.58%
70) 1,4-Dichlorobenzene-d4	11.34	152	219228	50.00 ug/l	0.00 90.00%
System Monitoring Compounds					
32) Dibromofluoromethane	4.93	111	101017	45.88 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	108146	55.12 ug/l	0.00
51) Toluene-d8	7.55	98	362528	50.94 ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	174400	56.03 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) 1,1-Dichloroethene	0.00	96	0	N.D.	
9) Acrolein	0.00	56	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D. LH 11/22/06	
11) Acetone	2.15	43	223	~~Below Cal #~~	41
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.22	76	243	N.D.	
15) Acetonitrile	0.00	40	0	N.D. d	
16) Allyl chloride	0.00	76	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D. LH 11/22/06	
18) Methylene Chloride	2.52	84	126	~~Below Cal #~~	61
19) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	0.00	53	0	N.D.	
22) Vinyl acetate	0.00	43	0	N.D.	
23) 1,1-Dichloroethane	3.33	63	255	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.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121032.D Vial: 44
Acq On : 21 Nov 2006 22:40 Operator: LH
Sample : JPL24-018 MW-22-3 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:46 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	586	N.D.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.55	43	1500	Below Cal	
52)	Toluene	7.61	92	188	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	8.17	166	150	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.29	91	306	N.D.	
63)	Ethylbenzene	9.29	91	306	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	123	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	107	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

LH 11/22/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121032.D Vial: 44
Acq On : 21 Nov 2006 22:40 Operator: LH
Sample : JPL24-018 MW-22-3 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:46 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	0.00	91	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)	4-Isopropyltoluene	11.34	119	60	N.D.	
84)	1,3-Dichlorobenzene	11.27	146	635	N.D.	
85)	1,4-Dichlorobenzene	11.27	146	635	N.D.	
86)	n-Butylbenzene	0.00	91	0	N.D.	
87)	1,2-Dichlorobenzene	11.72	146	198	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	127	N.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.: JPL24 Run Sequence: R012880

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-019

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1122021.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/22/2006 18:47

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-2

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

SDG No.: JPL24 Run Sequence: R012880

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-019

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1122021.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/22/2006 18:47

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-2

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

SDG No.: JPL24 Run Sequence: R012880

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-019

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1122021.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/22/2006 18:47

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

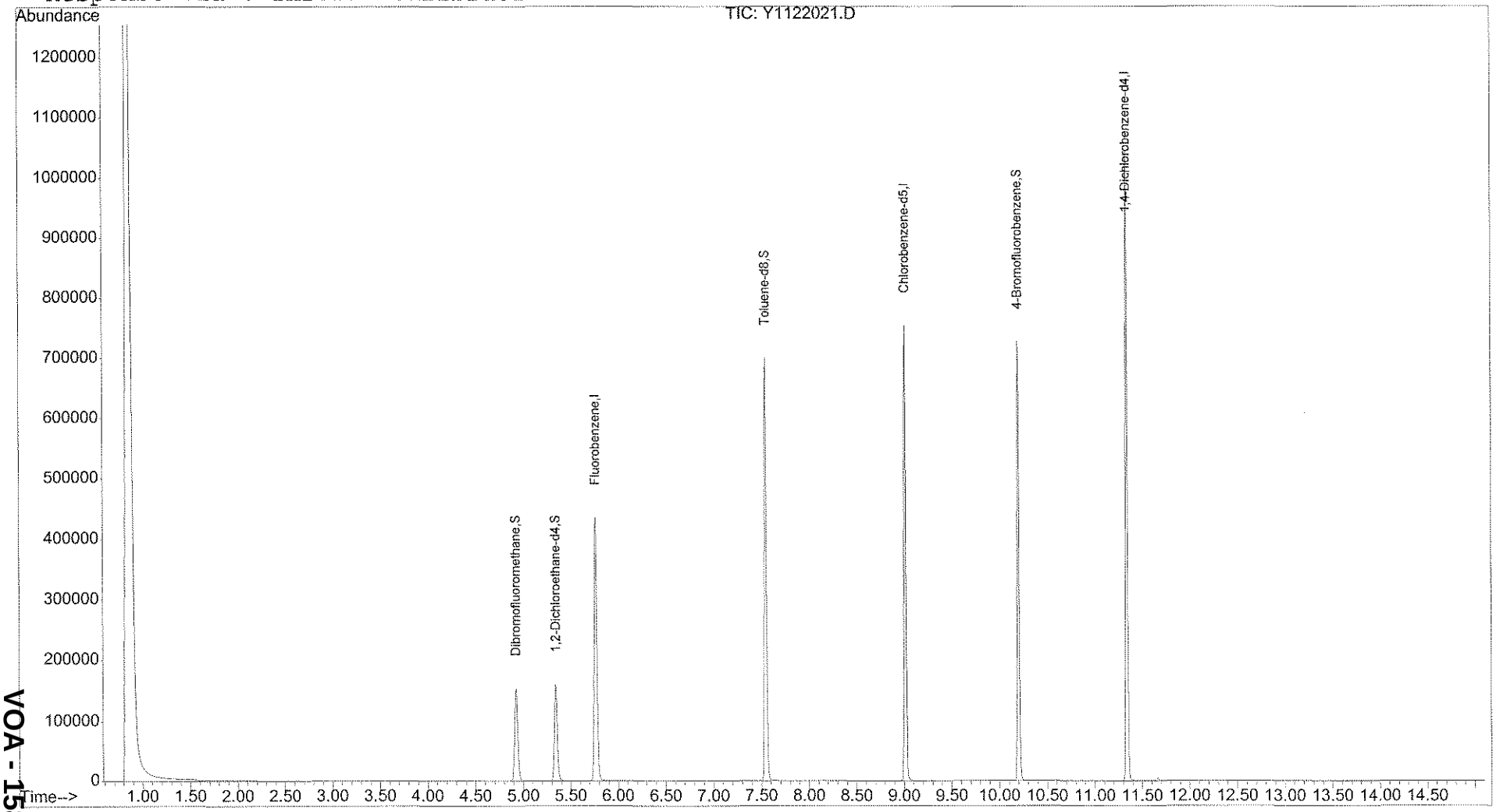
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112206\Y1122021.D Vial: 26
Acq On : 22 Nov 2006 18:47 Operator: LH
Sample : JPL24-019 MW-22-2 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 27 10:06 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 158

Quantitation Report

Data File : X:\MSVOA\YODA\112206\Y1122021.D Vial: 26
Acq On : 22 Nov 2006 18:47 Operator: LH
Sample : JPL24-019 MW-22-2 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 27 10:06 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	404764	50.00	ug/l	0.00 102.80%
50) Chlorobenzene-d5	9.02	82	199308	50.00	ug/l	0.00 120.84%
70) 1,4-Dichlorobenzene-d4	11.34	152	238000	50.00	ug/l	0.00 97.70%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	110629	46.05	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	119206	55.68	ug/l	0.00
51) Toluene-d8	7.55	98	410349	50.86	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	197588	58.48	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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	2.21	76	132	N.D.		
15) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\112206\Y1122021.D Vial: 26
Acq On : 22 Nov 2006 18:47 Operator: LH
Sample : JPL24-019 MW-22-2 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 27 10:06 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	122	N.D.	
33) 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) Methyl methacrylate	0.00	41	0	N.D.	
37) 1,1-Dichloropropene	0.00	75	0	N.D.	
39) Benzene	5.38	78	56	N.D.	
40) 1,2-Dichloroethane	0.00	62	0	N.D.	
41) Isobutanol	0.00	43	0	N.D.	
42) Trichloroethene	6.20	130	64	N.D.	
43) Methylcyclohexane	0.00	83	0	N.D.	
44) 1,2-Dichloropropane	0.00	63	0	N.D.	
45) Dibromomethane	0.00	93	0	N.D.	
46) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47) Bromodichloromethane	0.00	83	0	N.D.	
48) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49) 4-Methyl-2-pentanone	7.55	43	1837	Below Cal #	1
52) Toluene	7.61	92	224	N.D.	
53) Ethyl methacrylate	0.00	69	0	N.D.	
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55) 1,1,2-Trichloroethane	0.00	97	0	N.D.	
56) Tetrachloroethene	0.00	166	0	N.D.	
57) 2-Hexanone	0.00	43	0	N.D.	
58) 1,3-Dichloropropane	0.00	76	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	9.29	91	425	N.D.	
63) Ethylbenzene	9.29	91	425	N.D.	
64) 1,1,1,2-Tetrachloroethane	0.00	131	0	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.	
69) Isopropylbenzene	10.20	105	77	N.D.	
72) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73) n-Propylbenzene	0.00	120	0	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\112206\Y1122021.D Vial: 26
Acq On : 22 Nov 2006 18:47 Operator: LH
Sample : JPL24-019 MW-22-2 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 27 10:06 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.47	91	116	N.D.	
78)	1,3,5-Trimethylbenzene	10.56	105	401	N.D.	
79)	4-Chlorotoluene	10.47	91	116	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	240	N.D.	
82)	sec-butylbenzene	11.01	105	240	N.D.	
83)	4-Isopropyltoluene	11.35	119	61	N.D.	
84)	1,3-Dichlorobenzene	11.27	146	144	N.D.	
85)	1,4-Dichlorobenzene	11.37	146	55	N.D.	
86)	n-Butylbenzene	0.00	91	0	N.D.	
87)	1,2-Dichlorobenzene	11.72	146	121	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	56	N.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.: JPL24 Run Sequence: R012880

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-020

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1122022.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/22/2006 19:11

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-22-1

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

SDG No.: JPL24 Run Sequence: R012880

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-020

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1122022.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/22/2006 19:11

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	1.3	
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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-1

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

SDG No.: JPL24 Run Sequence: R012880

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-020

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1122022.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/22/2006 19:11

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

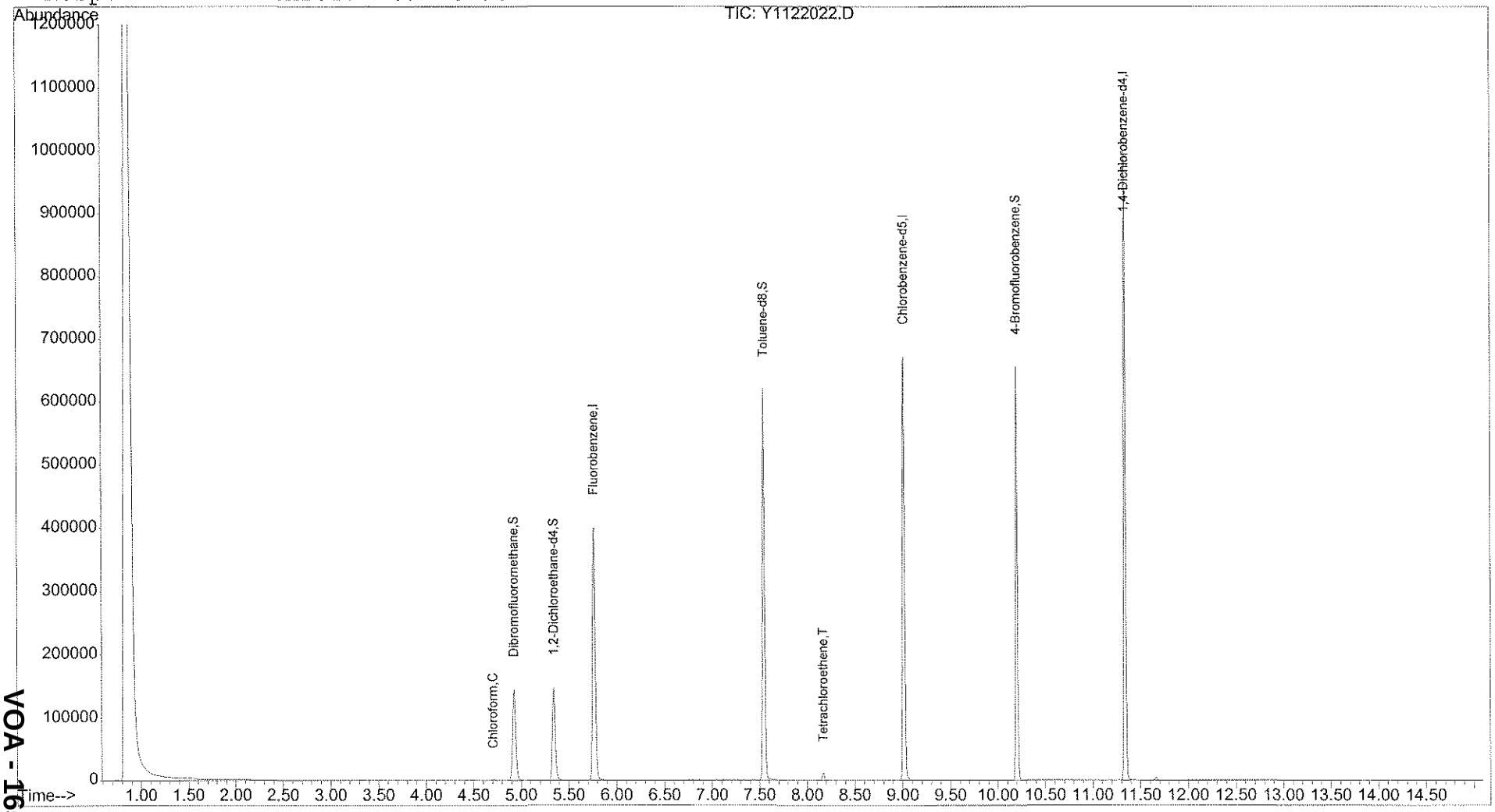
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112206\Y1122022.D Vial: 27
Acq On : 22 Nov 2006 19:11 Operator: LH
Sample : JPL24-020 MW-22-1 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 27 10:08 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 165

Quantitation Report

Data File : X:\MSVOA\YODA\112206\Y1122022.D Vial: 27
Acq On : 22 Nov 2006 19:11 Operator: LH
Sample : JPL24-020 MW-22-1 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 27 10:08 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	374249	50.00 ug/l	0.00 95.05%
50) Chlorobenzene-d5	9.02	82	178219	50.00 ug/l	0.00 108.05%
70) 1,4-Dichlorobenzene-d4	11.34	152	221686	50.00 ug/l	0.00 91.01%
System Monitoring Compounds					
32) Dibromofluoromethane	4.93	111	106679	48.02 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	113102	57.14 ug/l	0.00
51) Toluene-d8	7.55	98	362954	50.30 ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	179473	57.02 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) 1,1-Dichloroethene	0.00	96	0	N.D.	
9) Acrolein	0.00	56	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.15	43	479	~~Below Cal #~~	41
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) Acetonitrile	0.00	40	0	N.D. d	
16) Allyl chloride	0.00	76	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.52	84	56	~~Below Cal #~~	1
19) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	0.00	53	0	N.D.	
22) Vinyl acetate	0.00	43	0	N.D.	
23) 1,1-Dichloroethane	0.00	63	0	N.D. 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.	

LHW 11/27/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112206\Y1122022.D Vial: 27
Acq On : 22 Nov 2006 19:11 Operator: LH
Sample : JPL24-020 MW-22-1 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 27 10:08 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	1223	0.26 ug/l	97
33) 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) Methyl methacrylate	0.00	41	0	N.D.	
37) 1,1-Dichloropropene	0.00	75	0	N.D.	
39) Benzene	5.40	78	70	N.D.	
40) 1,2-Dichloroethane	0.00	62	0	N.D.	
41) Isobutanol	0.00	43	0	N.D.	
42) Trichloroethene	6.20	130	131	N.D.	
43) Methylcyclohexane	0.00	83	0	N.D.	
44) 1,2-Dichloropropane	0.00	63	0	N.D.	
45) Dibromomethane	0.00	93	0	N.D.	
46) 2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47) Bromodichloromethane	0.00	83	0	N.D.	
48) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49) 4-Methyl-2-pentanone	7.55	43	1469	Below Cal #	1
52) Toluene	7.61	92	172	N.D.	
53) Ethyl methacrylate	0.00	69	0	N.D.	
54) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55) 1,1,2-Trichloroethane	0.00	97	0	N.D.	
56) Tetrachloroethene	8.17	166	3316	1.26 ug/l	95
57) 2-Hexanone	0.00	43	0	N.D.	
58) 1,3-Dichloropropane	0.00	76	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	9.17	91	53	N.D.	
63) Ethylbenzene	9.17	91	53	N.D.	
64) 1,1,1,2-Tetrachloroethane	0.00	131	0	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.	
72) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73) n-Propylbenzene	0.00	120	0	N.D.	

LH 11/27/06

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

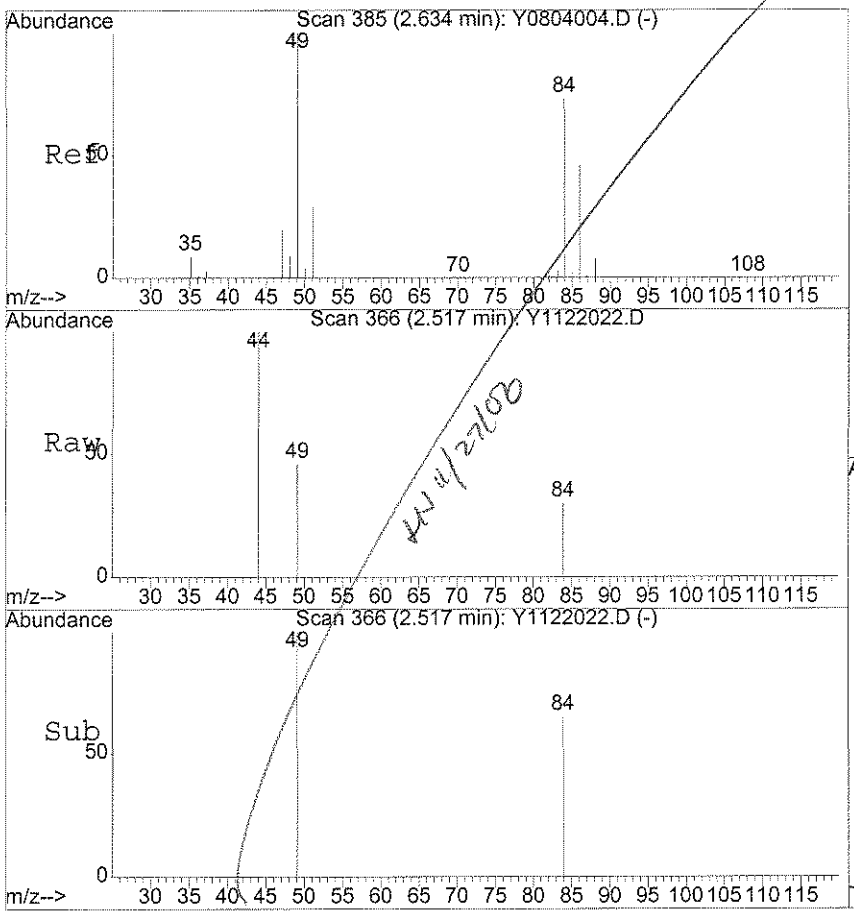
Quantitation Report

Data File : X:\MSVOA\YODA\112206\Y1122022.D Vial: 27
Acq On : 22 Nov 2006 19:11 Operator: LH
Sample : JPL24-020 MW-22-1 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 27 10:08 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	1,3,5-Trimethylbenzene	10.58	105	115	N.D.	
79)	4-Chlorotoluene	0.00	91	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)	4-Isopropyltoluene	0.00	119	0	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	0.00	91	0	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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.	

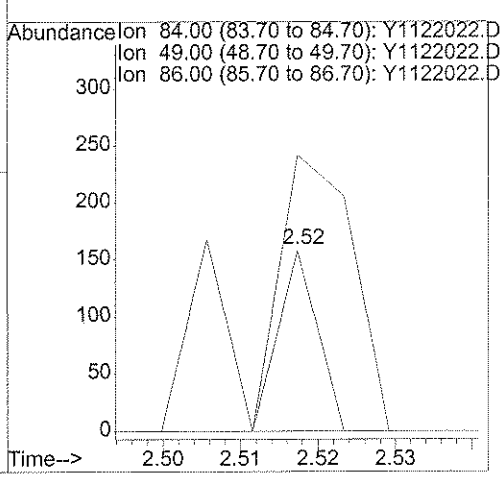
(#) = qualifier out of range (m) = manual integration

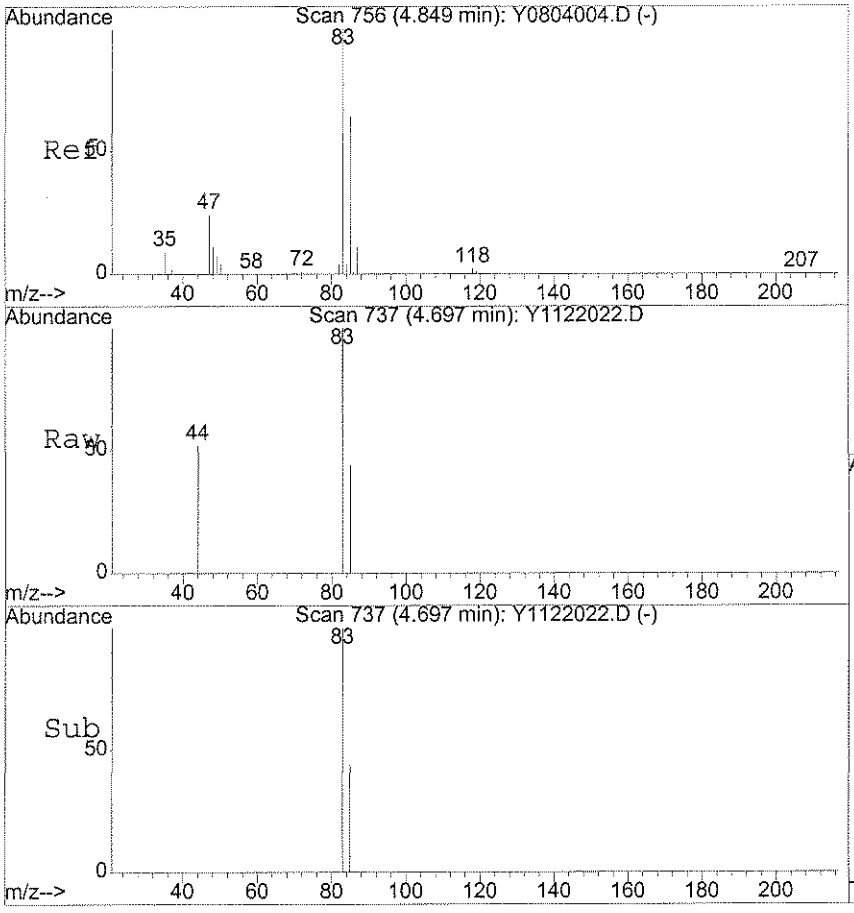


#18
Methylene Chloride
Concen: Below Cal
RT: 2.52 min Scan# 366
Delta R.T. 0.00 min
Lab File: Y1122022.D
Acq: 22 Nov 2006 19:11

Tgt Ion: 84 Resp: 56

Ion	Ratio	Lower	Upper
84	100		
49	387.5	100.9	140.9#
86	0.0	43.3	83.3#

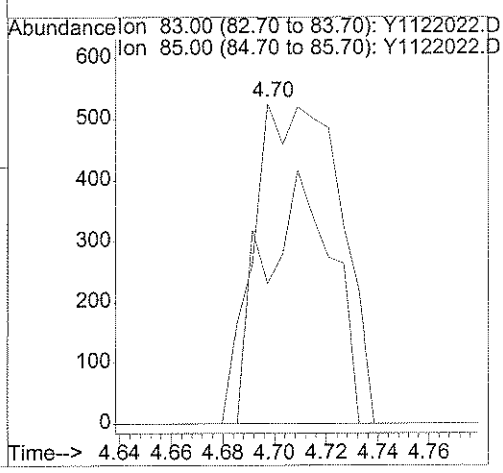




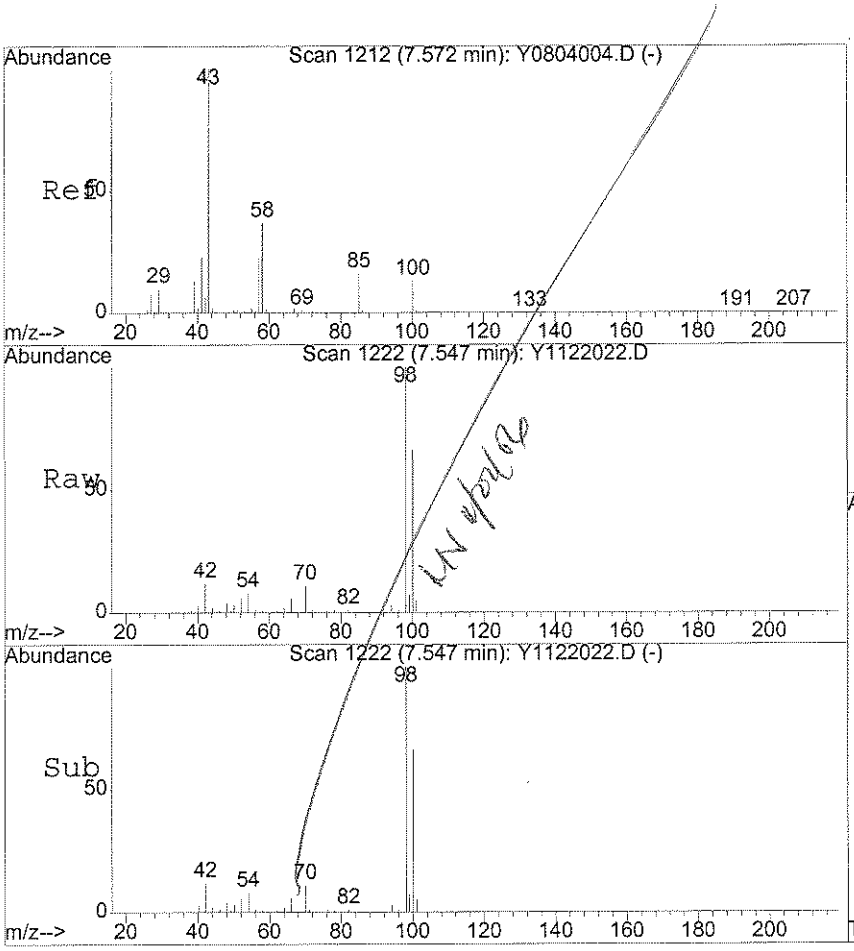
#31
Chloroform
Concen: 0.26 ug/l
RT: 4.70 min Scan# 737
Delta R.T. -0.01 min
Lab File: Y1122022.D
Acq: 22 Nov 2006 19:11

Tgt Ion: 83 Resp: 1223

Ion	Ratio	Lower	Upper
83	100		
85	61.3	43.3	83.3



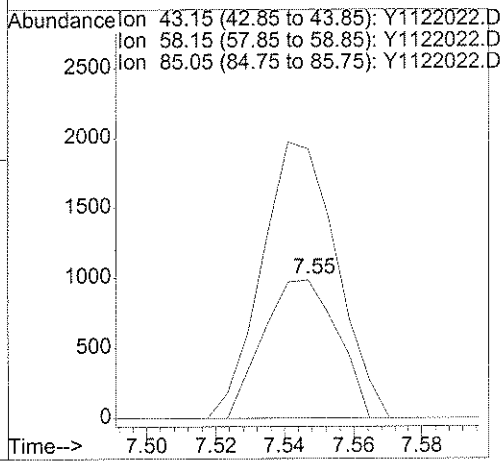
Y1122022.D 8260B.M Acq :22 Nov 2006 19:11
Sample = JPL24-020 MW-22-1 Misc = 5mL+IS/SS #2

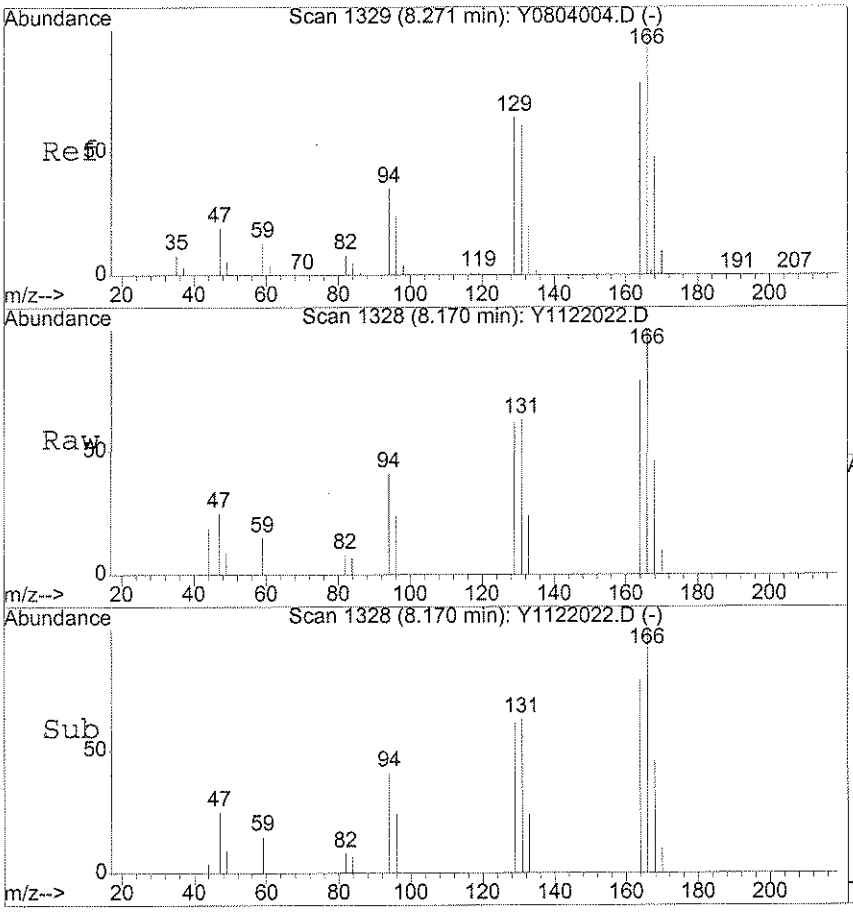


#49
4-Methyl-2-pentanone
Concen: Below Cal
RT: 7.55 min Scan# 1222
Delta R.T. 0.02 min
Lab File: Y1122022.D
Acq: 22 Nov 2006 19:11

Tgt Ion: 43 Resp: 1469

Ion	Ratio	Lower	Upper
43	100		
58	202.1	34.3	51.5#
85	0.0	14.3	21.5#

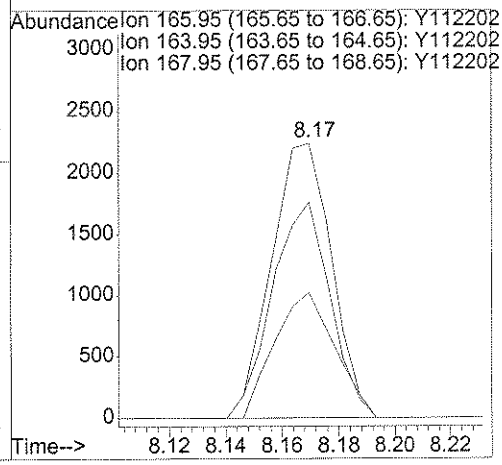




#56
Tetrachloroethene
Concen: 1.26 ug/l
RT: 8.17 min Scan# 1328
Delta R.T. 0.01 min
Lab File: Y1122022.D
Acq: 22 Nov 2006 19:11

Tgt Ion:166 Resp: 3316

Ion	Ratio	Lower	Upper
166	100		
164	75.5	63.3	94.9
168	45.6	39.6	59.4



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-5-4Q06

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

SDG No.: JPL24 Run Sequence: R012880

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-021

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1122023.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/22/2006 19:36

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	0.36	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	0.34	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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-5-4Q06

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

SDG No.: JPL24 Run Sequence: R012880

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-021

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1122023.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/22/2006 19:36

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	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.

DUPE-5-4Q06

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

SDG No.: JPL24 Run Sequence: R012880

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-021

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1122023.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/22/2006 19:36

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

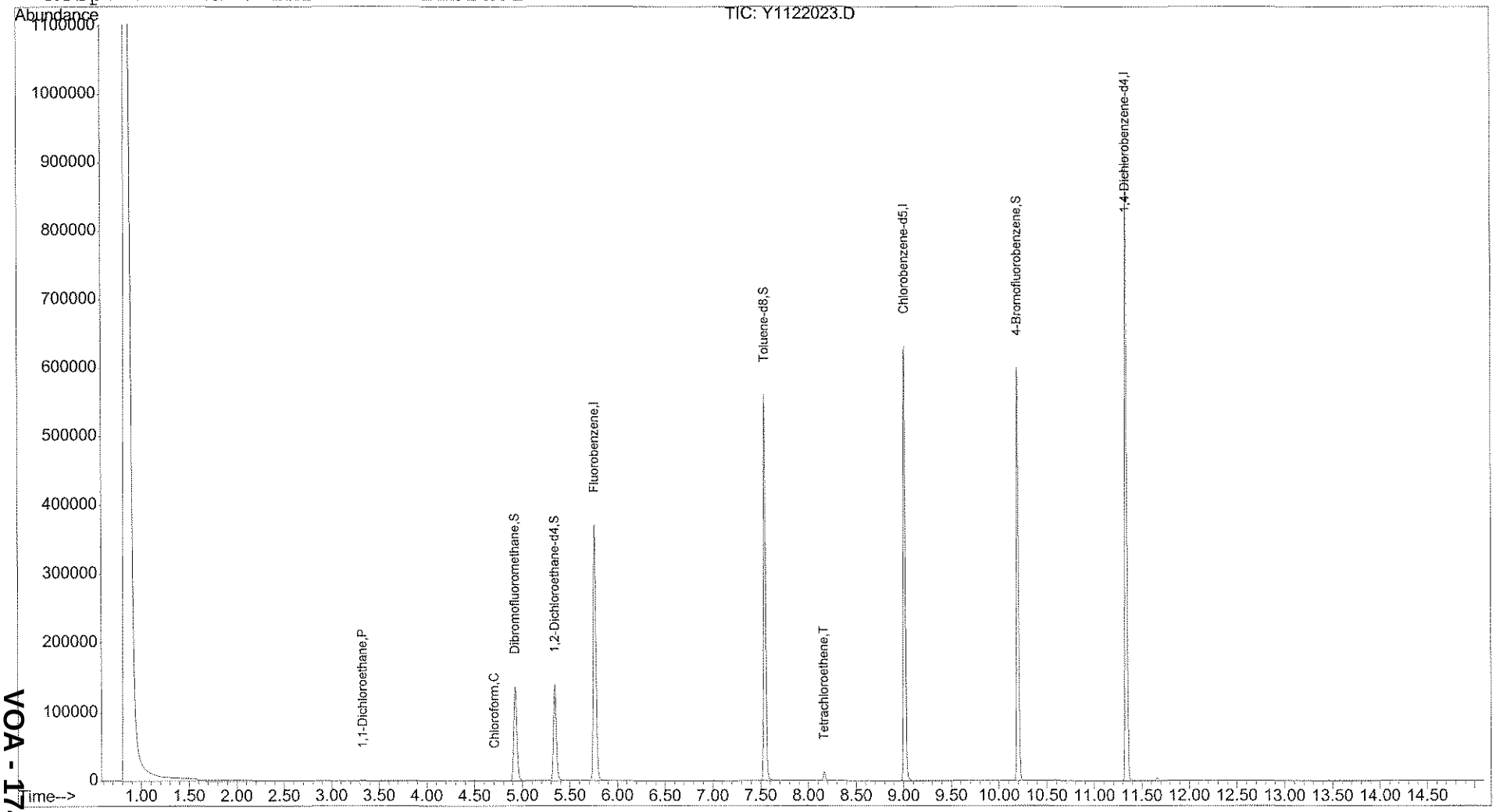
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112206\Y1122023.D Vial: 28
Acq On : 22 Nov 2006 19:36 Operator: LH
Sample : JPL24-021 DUPE-5-4Q06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 27 10:09 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 174

Quantitation Report

Data File : X:\MSVOA\YODA\112206\Y1122023.D Vial: 28
Acq On : 22 Nov 2006 19:36 Operator: LH
Sample : JPL24-021 DUPE-5-4Q06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 27 10:09 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	345153	50.00	ug/l	0.00 87.66%
50) Chlorobenzene-d5	9.01	82	166430	50.00	ug/l	0.00 100.91%
70) 1,4-Dichlorobenzene-d4	11.34	152	207401	50.00	ug/l	0.00 85.14%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	98906	48.28	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	104621	57.31	ug/l	0.00
51) Toluene-d8	7.55	98	332589	49.36	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	166589	56.57	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.52	84	70	~~Below Cal~~	#	49
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	3.33	63	1548	0.36	ug/l	72
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.		

MM 11/27/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112206\Y1122023.D Vial: 28
Acq On : 22 Nov 2006 19:36 Operator: LH
Sample : JPL24-021 DUPE-5-4Q06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 27 10:09 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	1441	0.34 ug/l	95
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	6.20	130	217	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.55	43	1349	Below Cal #	1
52)	Toluene	7.61	92	53	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	8.16	166	3801	1.54 ug/l	97
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.30	91	212	N.D.	
63)	Ethylbenzene	9.30	91	212	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	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	64	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

LNY 12/5/06

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

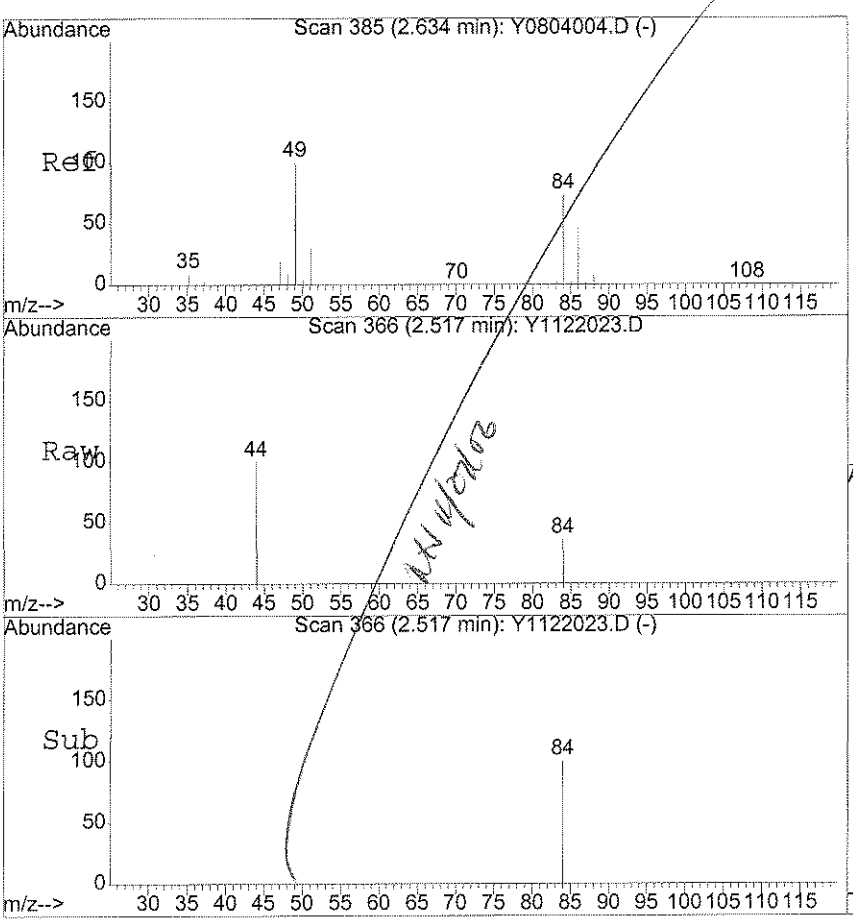
Quantitation Report

Data File : X:\MSVOA\YODA\112206\Y1122023.D Vial: 28
Acq On : 22 Nov 2006 19:36 Operator: LH
Sample : JPL24-021 DUPE-5-4Q06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 27 10:09 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	0.00	91	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)	4-Isopropyltoluene	11.34	119	133	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	0.00	91	0	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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.	

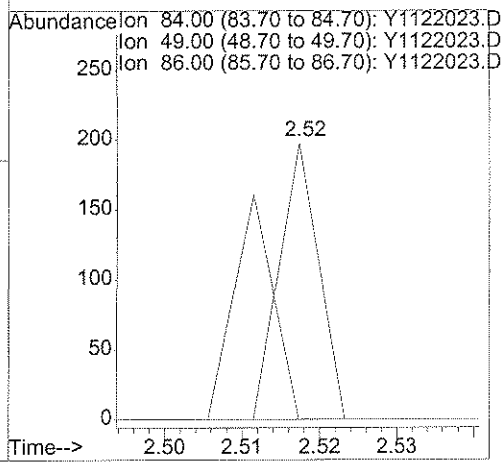
(#) = qualifier out of range (m) = manual integration

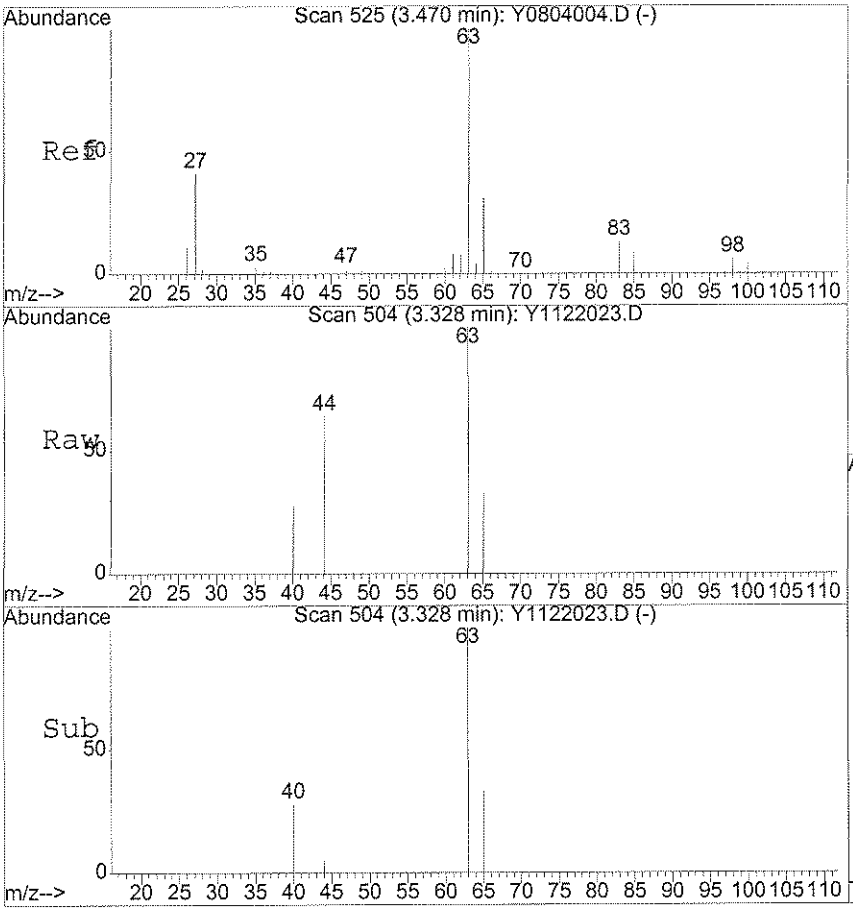


#18
Methylene Chloride
Concen: Below Cal
RT: 2.52 min Scan# 366
Delta R.T. -0.00 min
Lab File: Y1122023.D
Acq: 22 Nov 2006 19:36

Tgt Ion: 84 Resp: 70

Ion	Ratio	Lower	Upper
84	100		
49	81.4	100.9	140.9#
86	0.0	43.3	83.3#

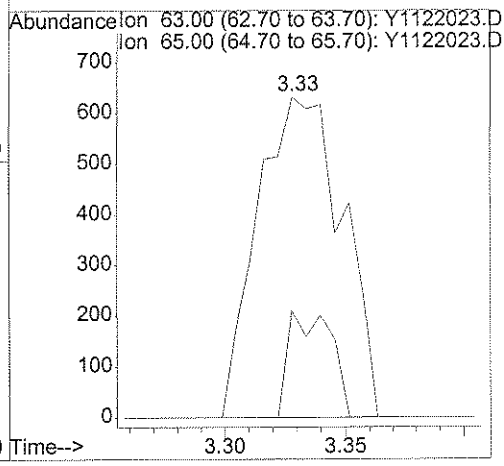


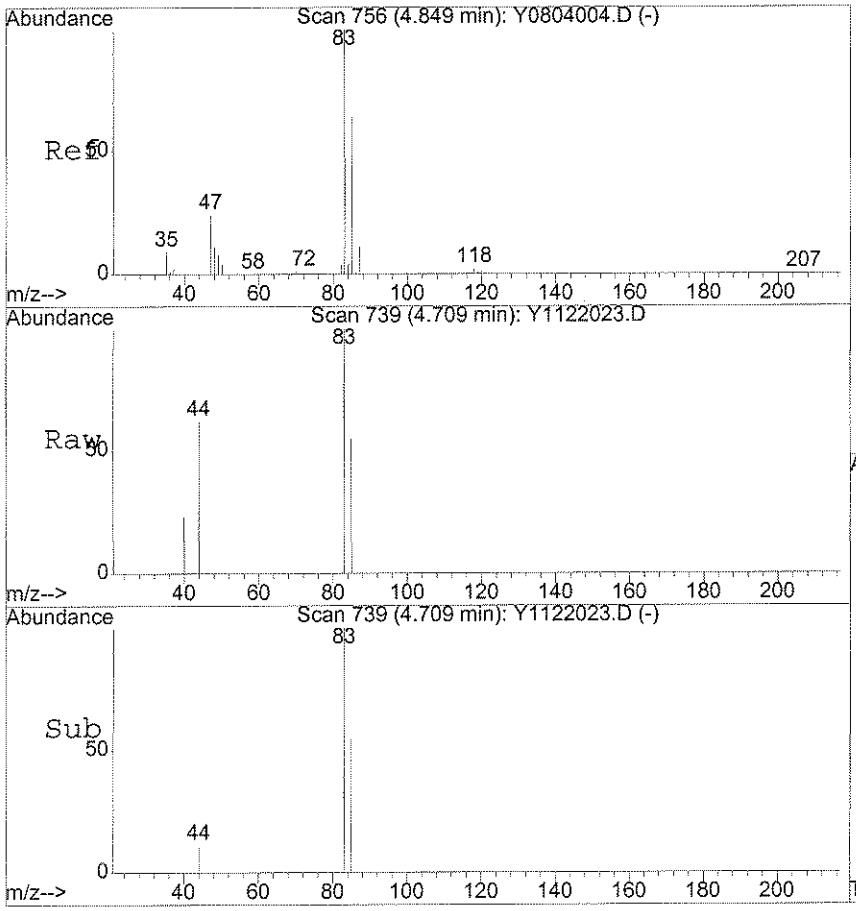


#23
1,1-Dichloroethane
Concen: 0.36 ug/l
RT: 3.33 min Scan# 504
Delta R.T. -0.00 min
Lab File: Y1122023.D
Acq: 22 Nov 2006 19:36

Tgt Ion: 63 Resp: 1548

Ion	Ratio	Lower	Upper
63	100		
65	16.5	12.3	52.3

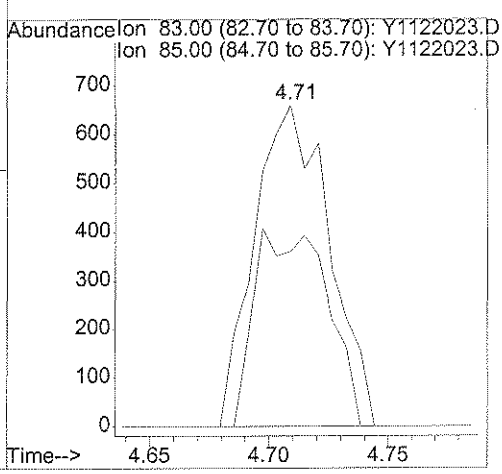


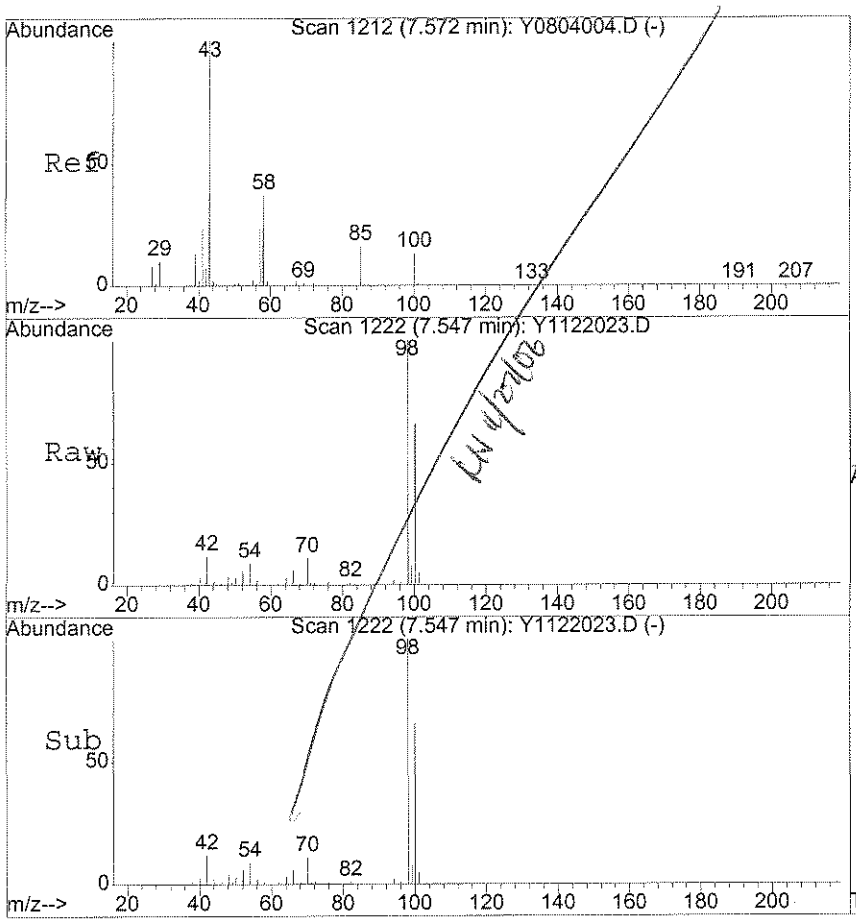


#31
Chloroform
Concen: 0.34 ug/l
RT: 4.71 min Scan# 739
Delta R.T. 0.00 min
Lab File: Y1122023.D
Acq: 22 Nov 2006 19:36

Tgt Ion: 83 Resp: 1441

Ion	Ratio	Lower	Upper
83	100		
85	59.5	43.3	83.3

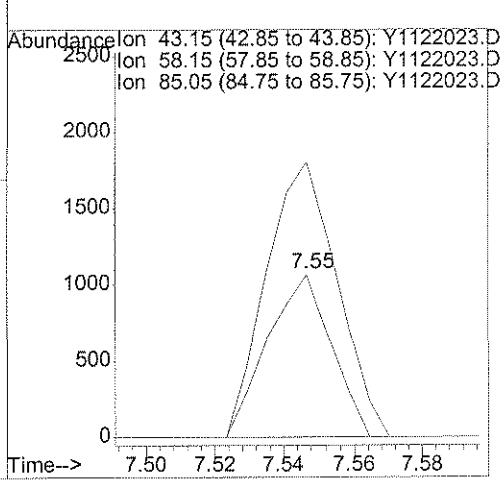


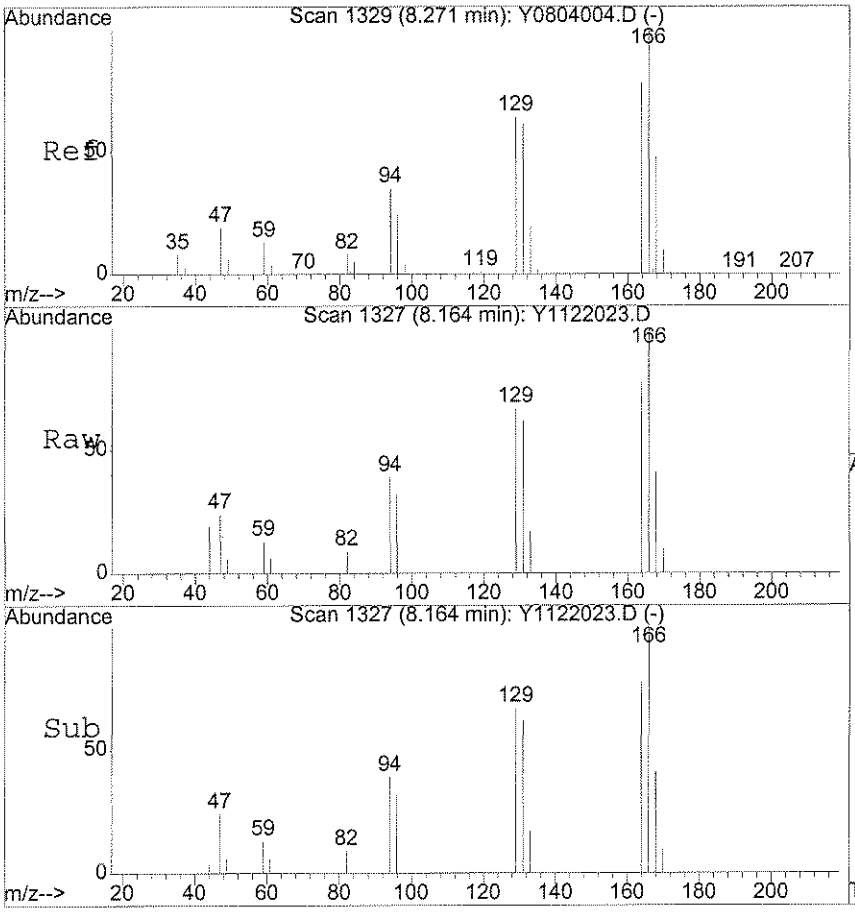


#49
4-Methyl-2-pentanone
Concen: Below Cal
RT: 7.55 min Scan# 1222
Delta R.T. 0.02 min
Lab File: Y1122023.D
Acq: 22 Nov 2006 19:36

Tgt Ion: 43 Resp: 1349

Ion	Ratio	Lower	Upper
43	100		
58	188.2	34.3	51.5#
85	0.0	14.3	21.5#

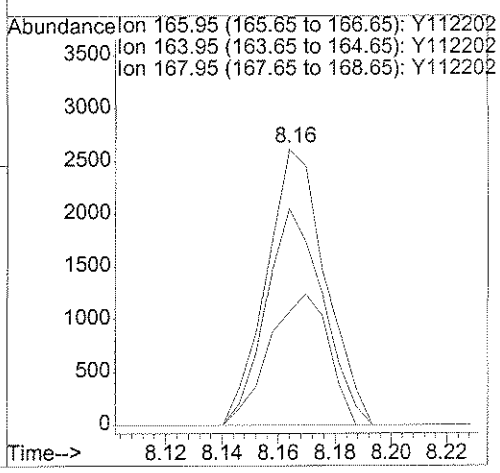




#56
Tetrachloroethene
Concen: 1.54 ug/l
RT: 8.16 min Scan# 1327
Delta R.T. -0.00 min
Lab File: Y1122023.D
Acq: 22 Nov 2006 19:36

Tgt Ion:166 Resp: 3801

Ion	Ratio	Lower	Upper
166	100		
164	75.7	63.3	94.9
168	47.6	39.6	59.4



Y1122023.D 8260B.M Acq :22 Nov 2006 19:36
Sample = JPL24-021 DUPE-5-4Q0 Misc = 5mL+IS/SS #2

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-17-11/20/06

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

SDG No.: JPL24 Run Sequence: R012880

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-022

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1122024.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/22/2006 20:00

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.

EB-17-11/20/06

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

SDG No.: JPL24 Run Sequence: R012880

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-022

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1122024.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/22/2006 20:00

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.

EB-17-11/20/06

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

SDG No.: JPL24 Run Sequence: R012880

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-022

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1122024.D

Level: (LOW/MED) _____ Date Collected: 11/20/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/22/2006 20:00

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

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

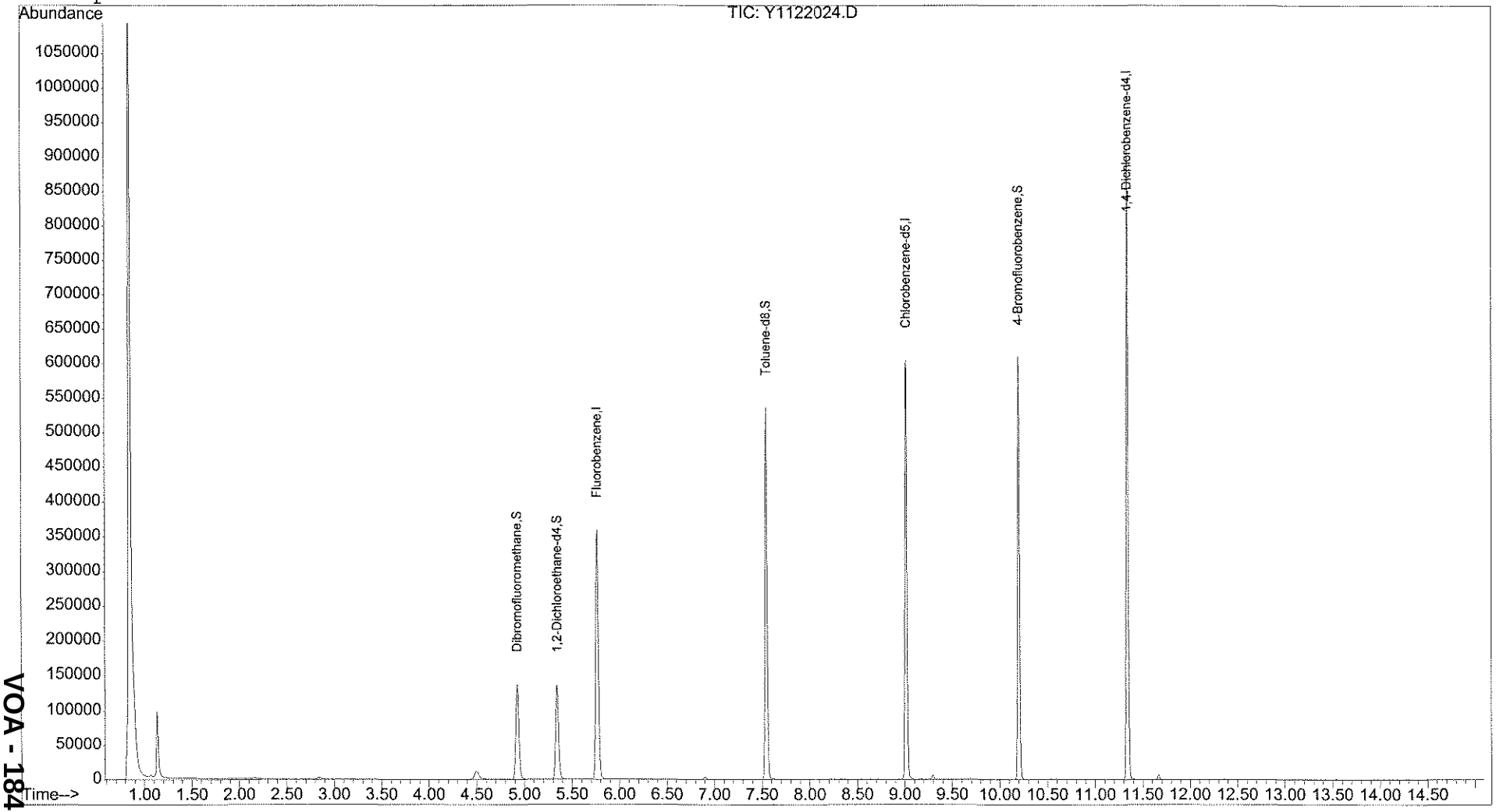
Heated Purge: (Y/N) N

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	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\112206\Y1122024.D Vial: 29
Acq On : 22 Nov 2006 20:00 Operator: LH
Sample : JPL24-022 EB-17-11/20/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 18 10:02 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\CURVES\110906\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Thu Dec 14 13:38:17 2006
Response via : Initial Calibration



VOA - 184

Quantitation Report

Data File : X:\MSVOA\YODA\112206\Y1122024.D Vial: 29
Acq On : 22 Nov 2006 20:00 Operator: LH
Sample : JPL24-022 EB-17-11/20/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 18 10:02 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	336864	50.00	ug/l	0.00 85.55%
50) Chlorobenzene-d5	9.02	82	160427	50.00	ug/l	0.00 97.27%
70) 1,4-Dichlorobenzene-d4	11.34	152	210120	50.00	ug/l	0.00 86.26%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	99201	49.61	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	103539	58.11	ug/l	0.00
51) Toluene-d8	7.55	98	315152	48.52	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	166668	55.87	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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	2.21	76	609	N.D.		
15) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\112206\Y1122024.D Vial: 29
Acq On : 22 Nov 2006 20:00 Operator: LH
Sample : JPL24-022 EB-17-11/20/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 18 10:02 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	0.00	83	0	N.D.	
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	4.96	56	116	N.D.	
35)	Carbon Tetrachloride	0.00	117	0	N.D.	
36)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	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	333	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	d
58)	1,3-Dichloropropane	0.00	76	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)	Ethylbenzene	9.17	91	1037	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.30	106	1825	N.D.	
66)	o-xylene	9.68	106	524	N.D.	
67)	Styrene	0.00	104	0	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.19	105	65	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\112206\Y1122024.D Vial: 29
Acq On : 22 Nov 2006 20:00 Operator: LH
Sample : JPL24-022 EB-17-11/20/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 18 10:02 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
75)	Bromobenzene	0.00	156	0	N.D.		
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
77)	2-Chlorotoluene	10.47	91	59	N.D.		
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
79)	4-Chlorotoluene	10.47	91	59	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	11.01	105	137	N.D.		
83)	4-Isopropyltoluene	0.00	119	0	N.D.		
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
86)	n-Butylbenzene	0.00	91	0	N.D.		
87)	1,2-Dichlorobenzene	0.00	146	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	13.55	128	322	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.

TB-17-11/20/06

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-023

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121013.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 14:57

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	0.71	
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-17-11/20/06

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

SDG No.: JPL24 Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL24-023

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121013.D

Level: (LOW/MED) Date Collected: 11/20/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 14:57

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.

TB-17-11/20/06

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL24

Run Sequence: R012827

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL24-023

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

Lab File ID: Y1121013.D

Level: (LOW/MED)

Date Collected: 11/20/2006

% Moisture: not dec.

Date/Time Analyzed: 11/21/2006 14:57

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

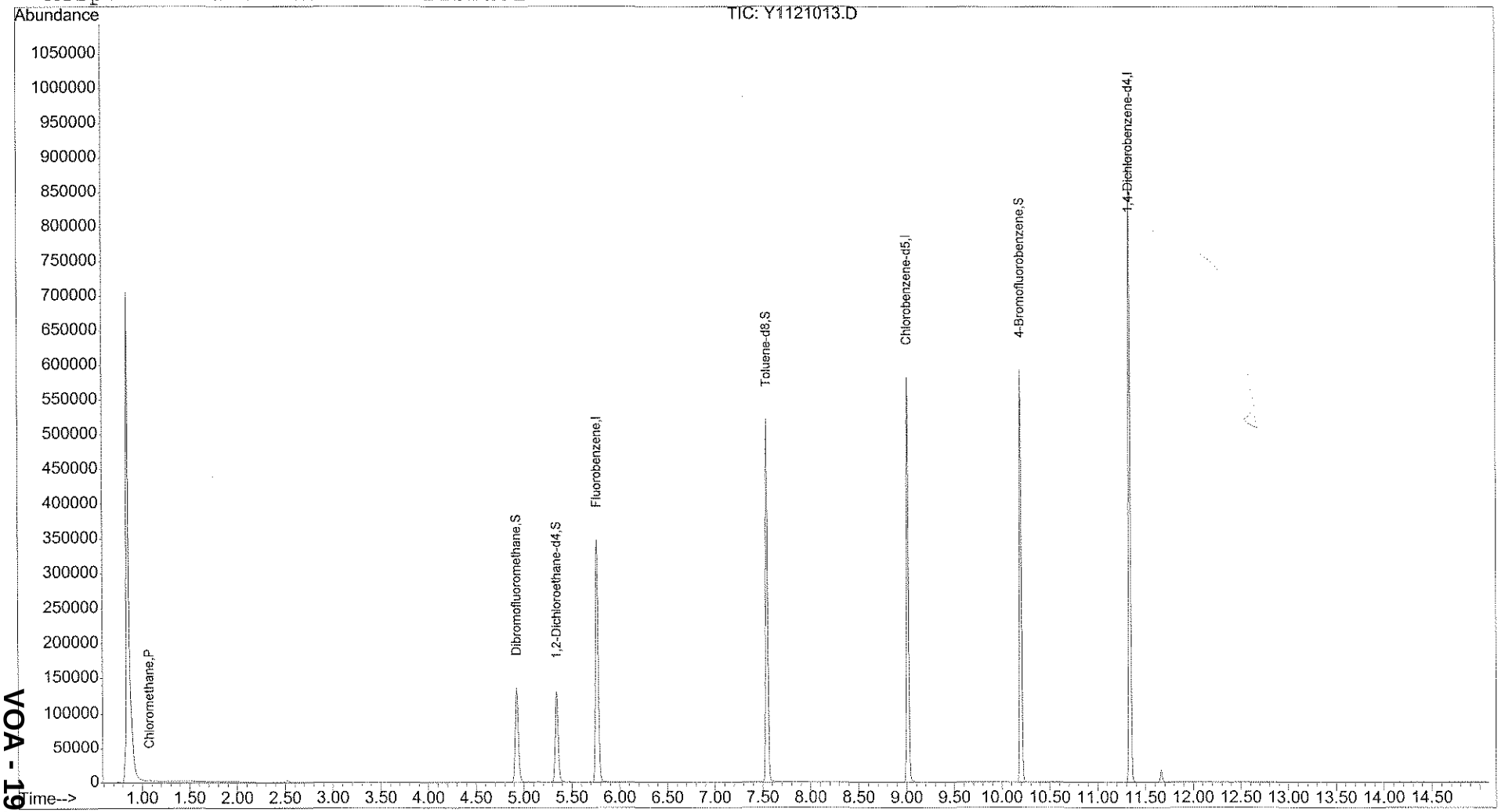
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121013.D Vial: 25
Acq On : 21 Nov 2006 14:57 Operator: LH
Sample : JPL24-023 TB-17-11/20/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:25 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 191

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121013.D Vial: 25
Acq On : 21 Nov 2006 14:57 Operator: LH
Sample : JPL24-023 TB-17-11/20/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:25 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	329775	50.00	ug/l	0.00 83.75%
50) Chlorobenzene-d5	9.01	82	155029	50.00	ug/l	0.00 93.99%
70) 1,4-Dichlorobenzene-d4	11.34	152	205839	50.00	ug/l	0.00 84.50%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	98496	50.32	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	99556	57.08	ug/l	0.00
51) Toluene-d8	7.55	98	313352	49.93	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	161538	55.28	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.08	50	1401	0.71	ug/l	81
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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.52	84	1447	~~Below Cal #~~		~~78~~
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

LH 12/5/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121013.D Vial: 25
Acq On : 21 Nov 2006 14:57 Operator: LH
Sample : JPL24-023 TB-17-11/20/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:25 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
27)	2-Butanone	4.39	43	55	~~Below Cal~~ #	57
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1303	~~Below Cal~~ #	
52)	Toluene	0.00	92	0	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.30	91	153	N.D.	
63)	Ethylbenzene	9.30	91	153	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.30	106	61	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.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

LH 11/22/06

LH 11/22/06

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

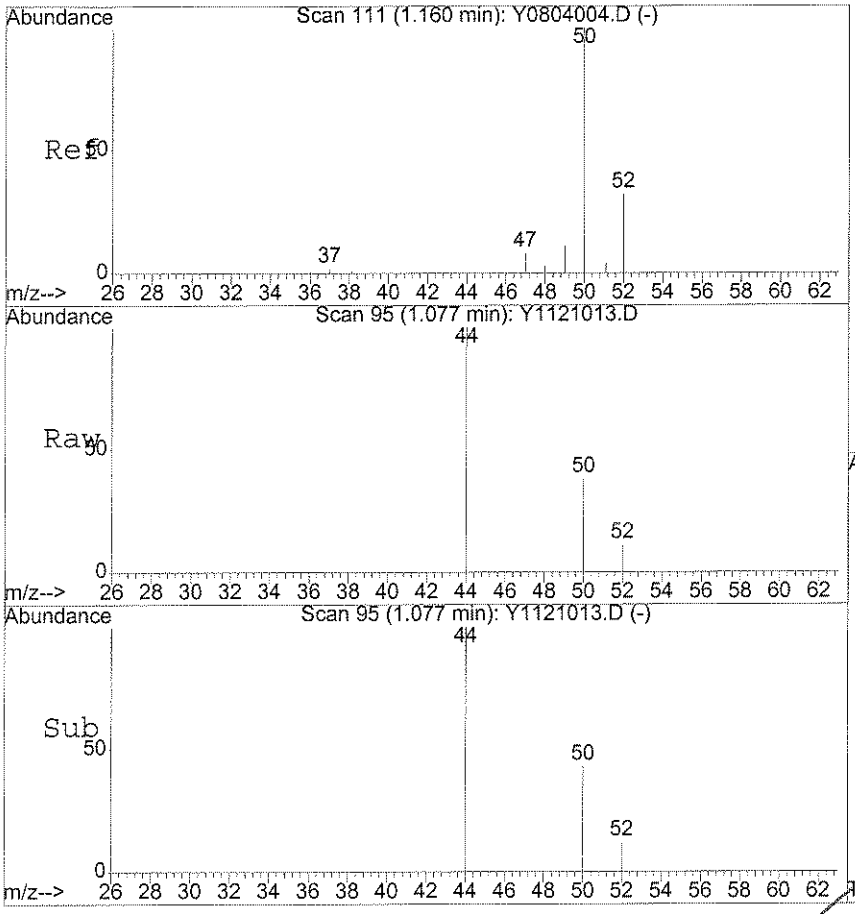
Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121013.D Vial: 25
Acq On : 21 Nov 2006 14:57 Operator: LH
Sample : JPL24-023 TB-17-11/20/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:25 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

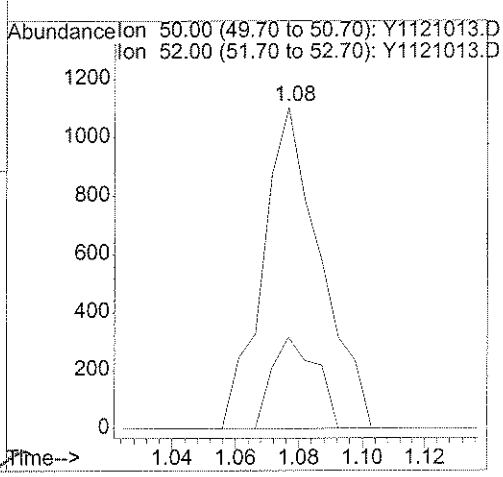
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.46	91	205	N.D.	
78)	1,3,5-Trimethylbenzene	10.66	105	62	N.D.	
79)	4-Chlorotoluene	10.65	91	121	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	63	N.D.	
82)	sec-butylbenzene	11.18	105	58	N.D.	
83)	4-Isopropyltoluene	11.34	119	364	N.D.	
84)	1,3-Dichlorobenzene	11.37	146	144	N.D.	
85)	1,4-Dichlorobenzene	11.37	146	144	N.D.	
86)	n-Butylbenzene	11.74	91	287	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	13.32	180	172	N.D.	
90)	Hexachlorobutadiene	13.49	225	57	N.D.	
91)	Naphthalene	13.55	128	88	N.D.	
92)	1,2,3-Trichlorobenzene	13.79	180	60	N.D.	

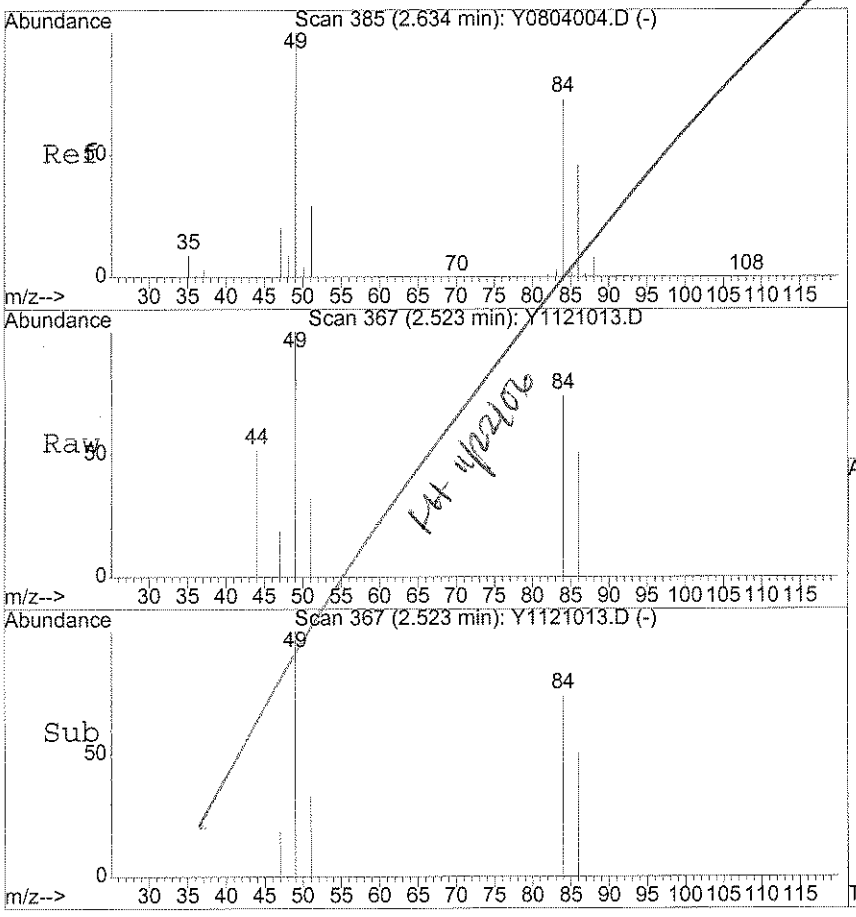
(#) = qualifier out of range (m) = manual integration



#3
Chloromethane
Concen: 0.71 ug/l
RT: 1.08 min Scan# 95
Delta R.T. 0.01 min
Lab File: Y1121013.D
Acq: 21 Nov 2006 14:57

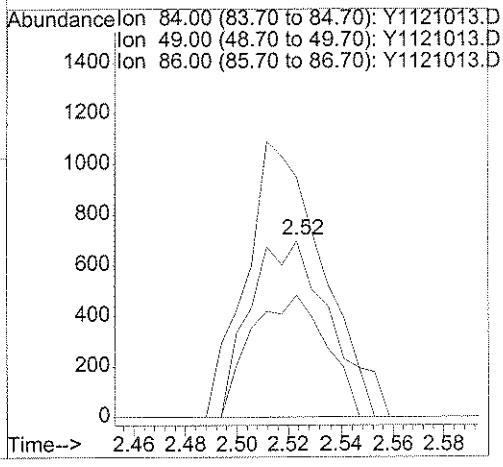
Tgt Ion: 50	Resp:	1401
Ion	Ratio	Lower	Upper
50	100		
52	21.8	12.7	52.7





#18
Methylene Chloride
Concen: Below Cal
RT: 2.52 min Scan# 367
Delta R.T. 0.01 min
Lab File: Y1121013.D
Acq: 21 Nov 2006 14:57

Tgt Ion: 84	Resp:	1447
Ion	Ratio	Lower	Upper
84	100		
49	155.9	100.9	140.9#
86	66.5	43.3	83.3



TIC SUMMARY

SDG #JPL24

Volatiles Analysis

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-11-5

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL24

Run Sequence: R012827

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL24-001

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

Lab File ID: Y1121017.D

Level: (LOW/MED)

Date Collected: 11/17/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 16:35
Data File: X:\MSVOA\YODA\112106\Y1121017.D
Name: JPL24-001 MW-11-5
Misc: 5mL+IS/SS #2
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1121017.D 8260B.M Wed Nov 22 16:39:15 2006

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.: JPL24

Run Sequence: R012827

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL24-002

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

Lab File ID: Y1121018.D

Level: (LOW/MED)

Date Collected: 11/17/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 16:59
Data File: X:\MSVOA\YODA\112106\Y1121018.D
Name: JPL24-002 MW-11-4
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1121018.D 8260B.M Wed Nov 22 16:39:44 2006

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.: JPL24

Run Sequence: R012827

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL24-003

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

Lab File ID: Y1121019.D

Level: (LOW/MED)

Date Collected: 11/17/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 17:23
Data File: X:\MSVOA\YODA\112106\Y1121019.D
Name: JPL24-003 MW-11-3
Misc: 5mL+IS/SS #3
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1121019.D 8260B.M Wed Nov 22 16:40:51 2006

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.: JPL24
Run Sequence: R012827

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL24-004

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: Y1121020.D

Level: (LOW/MED)
Date Collected: 11/17/2006

% Moisture: not dec.
Date Analyzed: 11/21/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 17:48
Data File: X:\MSVOA\YODA\112106\Y1121020.D
Name: JPL24-004 MW-11-2
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1121020.D 8260B.M Wed Nov 22 16:41:29 2006

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.: JPL24
Run Sequence: R012827

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL24-005

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: Y1121021.D

Level: (LOW/MED)
Date Collected: 11/16/2006

% Moisture: not dec.
Date Analyzed: 11/21/2006

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

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

Number TICs Found: 1
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	018173-64-3	tert-Butyldimethylsilanol	4.497	7.0	JN
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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 18:12
Data File: X:\MSVOA\YODA\112106\Y1121021.D
Name: JPL24-005 MW-11-1
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
tert-Butyldimethylsi	4.50	7.0	ug/l	116934	ISTD01	5.76	840071	50.0

Y1121021.D 8260B.M Wed Nov 22 10:34:43 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Dupe-4-4Q06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL24

Run Sequence: R012827

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL24-006

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

Lab File ID: Y1121022.D

Level: (LOW/MED)

Date Collected: 11/16/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 1

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	001066-40-6	Silanol, trimethyl-	4.497	5.6	JN
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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 18:36
Data File: X:\MSVOA\YODA\112106\Y1121022.D
Name: JPL24-006 DUP-4-4Q06
Misc: 5mL+IS/SS #3
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Silanol, trimethyl-	4.50	5.6	ug/l	90314	ISTD01	5.77	811383	50.0

Y1121022.D 8260B.M Wed Nov 22 10:36:05 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-15-11/16/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL24

Run Sequence: R012827

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL24-007

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

Lab File ID: Y1121023.D

Level: (LOW/MED)

Date Collected: 11/17/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 19:01
Data File: X:\MSVOA\YODA\112106\Y1121023.D
Name: JPL24-007 EB-15-11/16/06
Misc: 5mL+IS/SS #3
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1121023.D 8260B.M Wed Nov 22 10:37:16 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-15-11/16/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL24

Run Sequence: R012827

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL24-008

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

Lab File ID: Y1121011.D

Level: (LOW/MED)

Date Collected: 11/17/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 14:08
Data File: X:\MSVOA\YODA\112106\Y1121011.D
Name: JPL24-008 TB-15-11/16/06
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1121011.D 8260B.M Wed Nov 22 16:23:13 2006

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.: JPL24

Run Sequence: R012827

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL24-009

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

Lab File ID: Y1121024.D

Level: (LOW/MED)

Date Collected: 11/18/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 19:25
Data File: X:\MSVOA\YODA\112106\Y1121024.D
Name: JPL24-009 MW-12-5
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1121024.D 8260B.M Wed Nov 22 10:38:12 2006

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.: JPL24

Run Sequence: R012827

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL24-010

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

Lab File ID: Y1121025.D

Level: (LOW/MED)

Date Collected: 11/18/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 19:49
Data File: X:\MSVOA\YODA\112106\Y1121025.D
Name: JPL24-010 MW-12-4
Misc: 5mL+IS/SS #3
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1121025.D 8260B.M Wed Nov 22 10:39:31 2006

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.: JPL24
Run Sequence: R012827

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL24-011

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: Y1121026.D

Level: (LOW/MED)
Date Collected: 11/17/2006

% Moisture: not dec.
Date Analyzed: 11/21/2006

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

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

Number TICs Found: 1
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	001066-40-6	Silanol, trimethyl-	4.503	6.1	JN
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\112106\Y1121026.D Vial: 38
Acq On : 21 Nov 2006 20:14 Operator: LH
Sample : JPL24-011 MW-12-3 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 Standards for 8 point calibration 8260- 5ML
Library : D:\DATABASE\NIST129K.L

****

Peak Number 1 Silanol, trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
4.50	6.09 ug/l	104484	Fluorobenzene	857549	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	83
2	Silanol, trimethyl- $$ Hydroxytrime	90	C3H10OSi	001066-40-6	47
3	tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	28
4	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9
5	Formamide, N-methylthio	75	C2H5NS	000000-00-0	7

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 20:14
Data File: X:\MSVOA\YODA\112106\Y1121026.D
Name: JPL24-011 MW-12-3
Misc: 5mL+IS/SS #3
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Silanol, trimethyl-	4.50	6.1	ug/l	104484	ISTD01	5.77	857549	50.0

Y1121026.D 8260B.M Wed Nov 22 10:40:39 2006

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.: JPL24

Run Sequence: R012827

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL24-012

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

Lab File ID: Y1121027.D

Level: (LOW/MED)

Date Collected: 11/18/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 20:38
Data File: X:\MSVOA\YODA\112106\Y1121027.D
Name: JPL24-012 MW-12-2
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1121027.D 8260B.M Wed Nov 22 10:41:36 2006

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.: JPL24

Run Sequence: R012827

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL24-013

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

Lab File ID: Y1121028.D

Level: (LOW/MED)

Date Collected: 11/18/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 21:03
Data File: X:\MSVOA\YODA\112106\Y1121028.D
Name: JPL24-013 MW-12-1
Misc: 5mL+IS/SS #2
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1121028.D 8260B.M Wed Nov 22 10:42:44 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-16-11/17/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL24

Run Sequence: R012827

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL24-014

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

Lab File ID: Y1121029.D

Level: (LOW/MED)

Date Collected: 11/18/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 21:27
Data File: X:\MSVOA\YODA\112106\Y1121029.D
Name: JPL24-014 EB-16-11/17/06
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1121029.D 8260B.M Wed Nov 22 10:43:45 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-16-11/17/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL24

Run Sequence: R012827

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL24-015

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

Lab File ID: Y1121012.D

Level: (LOW/MED)

Date Collected: 11/18/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 14:32
Data File: X:\MSVOA\YODA\112106\Y1121012.D
Name: JPL24-015 TB-16-11/17/06
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1121012.D 8260B.M Wed Nov 22 16:23:59 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-22-5

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL24

Run Sequence: R012827

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL24-016

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

Lab File ID: Y1121030.D

Level: (LOW/MED)

Date Collected: 11/20/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 1

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	001066-40-6	Silanol, trimethyl-	4.503	7.3	JN
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\112106\Y1121030.D
Acq On : 21 Nov 2006 21:52
Sample : JPL24-016 MW-22-5
Misc : 5mL+IS/SS #2
MS Integration Params: LSCINT.P

Vial: 42
Operator: LH
Inst : yoda
Multiplr: 1.00

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Library : D:\DATABASE\NIST129K.L

****

Peak Number 1 Silanol, trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
4.50	7.33 ug/l	104903	Fluorobenzene	715642	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	83
2	Silanol, trimethyl- $$ Hydroxytrime	90	C3H10OSi	001066-40-6	50
3	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	38
4	Formamide, N-methylthio	75	C2H5NS	000000-00-0	9
5	tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	9

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 21:52
Data File: X:\MSVOA\YODA\112106\Y1121030.D
Name: JPL24-016 MW-22-5
Misc: 5mL+IS/SS #2
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Silanol, trimethyl-	4.50	7.3	ug/l	104903	ISTD01	5.76	715642	50.0

Y1121030.D 8260B.M Wed Nov 22 10:44:46 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-22-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL24

Run Sequence: R012827

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL24-017

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

Lab File ID: Y1121031.D

Level: (LOW/MED)

Date Collected: 11/21/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 22:16
Data File: X:\MSVOA\YODA\112106\Y1121031.D
Name: JPL24-017 MW-22-4
Misc: 5mL+IS/SS #3
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1121031.D 8260B.M Wed Nov 22 10:45:32 2006

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.: JPL24

Run Sequence: R012827

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL24-018

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

Lab File ID: Y1121032.D

Level: (LOW/MED)

Date Collected: 11/21/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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\112106\Y1121032.D Vial: 44
Acq On : 21 Nov 2006 22:40 Operator: LH
Sample : JPL24-018 MW-22-3 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 Standards for 8 point calibration 8260- 5ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y1121032.D 8260B.M Tue Dec 05 11:12:38 2006

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.: JPL24

Run Sequence: R012880

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL24-019

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

Lab File ID: Y1122021.D

Level: (LOW/MED)

Date Collected: 11/21/2006

% Moisture: not dec.

Date Analyzed: 11/22/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 22 Nov 2006 18:47
Data File: X:\MSVOA\YODA\112206\Y1122021.D
Name: JPL24-019 MW-22-2
Misc: 5mL+IS/SS #2
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1122021.D 8260B.M Mon Nov 27 10:07:08 2006

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.: JPL24

Run Sequence: R012880

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL24-020

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

Lab File ID: Y1122022.D

Level: (LOW/MED)

Date Collected: 11/21/2006

% Moisture: not dec.

Date Analyzed: 11/22/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 22 Nov 2006 19:11
Data File: X:\MSVOA\YODA\112206\Y1122022.D
Name: JPL24-020 MW-22-1
Misc: 5mL+IS/SS #2
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1122022.D 8260B.M Mon Nov 27 10:08:49 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
DUPE-5-4Q06

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

SDG No.: JPL24
Run Sequence: R012880

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL24-021

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: Y1122023.D

Level: (LOW/MED)
Date Collected: 11/21/2006

% Moisture: not dec.
Date Analyzed: 11/22/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 22 Nov 2006 19:36
Data File: X:\MSVOA\YODA\112206\Y1122023.D
Name: JPL24-021 DUPE-5-4Q06
Misc: 5mL+IS/SS #2
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1122023.D 8260B.M Mon Nov 27 10:10:19 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
EB-17-11/20/06

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

SDG No.: JPL24
Run Sequence: R012880

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL24-022

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: Y1122024.D

Level: (LOW/MED)
Date Collected: 11/21/2006

% Moisture: not dec.
Date Analyzed: 11/22/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 22 Nov 2006 20:00
Data File: X:\MSVOA\YODA\112206\Y1122024.D
Name: JPL24-022 EB-17-11/20/06
Misc: 5mL+IS/SS #2
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1122024.D 8260B.M Mon Nov 27 10:11:42 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-17-11/20/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL24

Run Sequence: R012827

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL24-023

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

Lab File ID: Y1121013.D

Level: (LOW/MED)

Date Collected: 11/21/2006

% Moisture: not dec.

Date Analyzed: 11/21/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 21 Nov 2006 14:57
Data File: X:\MSVOA\YODA\112106\Y1121013.D
Name: JPL24-023 TB-17-11/20/06
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1121013.D 8260B.M Wed Nov 22 16:32:09 2006

Metals Data

JPL24

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

SOW No.:

Sample No.	Lab Sample ID
MW-11-5	JPL24-001
MW-11-5MS	JPL24-001MS
MW-11-5MSD	JPL24-001MSD
MW-11-4	JPL24-002
MW-11-3	JPL24-003
MW-11-2	JPL24-004
MW-11-1	JPL24-005
Dupe-4-4Q06	JPL24-006
EB-15-11/16/06	JPL24-007
MW-12-5	JPL24-009
MW-12-4	JPL24-010
MW-12-3	JPL24-011
MW-12-2	JPL24-012
MW-12-1	JPL24-013
EB-16-11/17/06	JPL24-014
MW-22-5	JPL24-016
MW-22-4	JPL24-017
MW-22-3	JPL24-018
MW-22-2	JPL24-019
MW-22-1	JPL24-020
DUPE-5-4Q06	JPL24-021

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 Oneirb

Date: 12/11/2006 Title: Metals Lead

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

SOW No.:

Sample No.	Lab Sample ID
EB-17-11/20/06	JPL24-022

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 Oeira

Date: 12/11/2006 Title: Metals Lead

Metals Analysis Data Sheets

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-11-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-001

Level (low/med): LOW Date Received: 11/17/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.00	U		M	R013244

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-11-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-002

Level (low/med): LOW Date Received: 11/17/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.00	U		M	R013244

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-11-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-003

Level (low/med): LOW Date Received: 11/17/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.00	U		M	R013244

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-11-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-004

Level (low/med): LOW Date Received: 11/17/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.00	U		M	R013244

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-11-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-005

Level (low/med): LOW Date Received: 11/17/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.00	U		M	R013244

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.

Dupe-4-4Q06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-006

Level (low/med): LOW Date Received: 11/17/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.00	U		M	R013244

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-15-11/16/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-007

Level (low/med): LOW Date Received: 11/17/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.00	U		M	R013244

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-12-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-009

Level (low/med): LOW Date Received: 11/18/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.43			M	R013244

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-12-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-010

Level (low/med): LOW Date Received: 11/18/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.00	U		M	R013244

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-12-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-011

Level (low/med): LOW Date Received: 11/18/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.00	U		M	R013244

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-12-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-012

Level (low/med): LOW Date Received: 11/18/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.00	U		M	R013244

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-12-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-013

Level (low/med): LOW Date Received: 11/18/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	6.08			M	R013244

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-16-11/17/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-014

Level (low/med): LOW Date Received: 11/18/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.00	U		M	R013244

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-22-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-016

Level (low/med): LOW Date Received: 11/21/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.00	U		M	R013244

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-22-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-017

Level (low/med): LOW Date Received: 11/21/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.00	U		M	R013244

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-22-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-018

Level (low/med): LOW Date Received: 11/21/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.00	U		M	R013244

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-22-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-019

Level (low/med): LOW Date Received: 11/21/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.04			M	R013244

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-22-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-020

Level (low/med): LOW Date Received: 11/21/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.00	U		M	R013244

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.

DUPE-5-4Q06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-021

Level (low/med): LOW Date Received: 11/21/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.00	U		M	R013244

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-17-11/20/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-022

Level (low/med): LOW Date Received: 11/21/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.00	U		M	R013244

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts: No

Comment

Addendum Metals Data

JPL24

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

SOW No.:

Sample No.	Lab Sample ID
MW-11-5	JPL24-001
MW-11-5MS	JPL24-001MS
MW-11-5MSD	JPL24-001MSD
MW-11-4	JPL24-002
MW-11-3	JPL24-003
MW-11-2	JPL24-004
MW-11-1	JPL24-005
Dupe-4-4Q06	JPL24-006
EB-15-11/16/06	JPL24-007
MW-12-5	JPL24-009
MW-12-4	JPL24-010
MW-12-3	JPL24-011
MW-12-2	JPL24-012
MW-12-1	JPL24-013
EB-16-11/17/06	JPL24-014
MW-22-5	JPL24-016
MW-22-4	JPL24-017
MW-22-3	JPL24-018
MW-22-2	JPL24-019
MW-22-1	JPL24-020
DUPE-5-4Q06	JPL24-021

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 Oreid

Date: 01/03/2007 Title: Metals Lead

Add-MET- 2

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

SOW No.:

Sample No.	Lab Sample ID
EB-17-11/20/06	JPL24-022

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: 01/03/2007 Title: Metals Lead

Metals Analysis Data Sheets

SW-846

-1-

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-11-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-001

Level (low/med): LOW Date Received: 11/17/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.40			M	R013904

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846

-1-

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-11-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-002

Level (low/med): LOW Date Received: 11/17/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.89			M	R013904

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.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-003

Level (low/med): LOW Date Received: 11/17/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.38			M	R013904

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.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-004

Level (low/med): LOW Date Received: 11/17/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.26			M	R013904

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.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-005

Level (low/med): LOW Date Received: 11/17/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.30			M	R013904

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

Dupe-4-4Q06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-006

Level (low/med): LOW Date Received: 11/17/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.30			M	R013904

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846

-1-

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-15-11/16/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-007

Level (low/med): LOW Date Received: 11/17/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R013904

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

Add-MET- 11

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-12-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-009

Level (low/med): LOW Date Received: 11/18/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	4.96			M	R013904

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

ADD-MET - 11 A

SW-846

-1-

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-12-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-010

Level (low/med): LOW Date Received: 11/18/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.61			M	R013904

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

Add-MET- 12

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.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-011

Level (low/med): LOW Date Received: 11/18/2006

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.47			M	R013904

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.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-012

Level (low/med): LOW Date Received: 11/18/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.25			M	R013904

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.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-013

Level (low/med): LOW Date Received: 11/18/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	4.26			M	R013904

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

ADD-MET-14 A

SW-846

-1-

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-16-11/17/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-014

Level (low/med): LOW Date Received: 11/18/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R013904

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-22-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-016

Level (low/med): LOW Date Received: 11/21/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R013904

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846

-1-

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-22-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-017

Level (low/med): LOW Date Received: 11/21/2006

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.10			M	R013904

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.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-018

Level (low/med): LOW Date Received: 11/21/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	4.04			M	R013904

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.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-019

Level (low/med): LOW Date Received: 11/21/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.99			M	R013904

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

ADD-MET-18A

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.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-020

Level (low/med): LOW Date Received: 11/21/2006

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.00			M	R013904

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

SW-846

-1-

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

DUPE-5-4Q06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-021

Level (low/med): LOW Date Received: 11/21/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.80			M	R013904

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

SW-846

-1-

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-17-11/20/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL24

Matrix (soil/water): Water Lab Sample ID: JPL24-022

Level (low/med): LOW Date Received: 11/21/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R013904

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

Add-MET- 21

Miscellaneous Inorganic Data

JPL24

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LAUCKS TESTING LABS, INC.

Lab Code: LAUCKS SDG No.: JPL24

Client Identification	Lab Sample Work Order Number
MW-11-5	JPL24-001
MW-11-4	JPL24-002
MW-11-3	JPL24-003
MW-11-2	JPL24-004
MW-11-1	JPL24-005
Dupe-4-4Q06	JPL24-006
Dupe-4-4Q06MSD	JPL24-006MSDDL
Dupe-4-4Q06MS	JPL24-006MSDL
EB-15-11/16/06	JPL24-007
MW-12-5	JPL24-009
MW-12-4	JPL24-010
MW-12-3	JPL24-011
MW-12-2	JPL24-012
MW-12-1	JPL24-013
EB-16-11/17/06	JPL24-014
MW-22-5	JPL24-016
MW-22-4	JPL24-017
MW-22-3	JPL24-018
MW-22-2	JPL24-019
MW-22-1	JPL24-020
DUPE-5-4Q06	JPL24-021

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: 12-4-06 Title: Inorganics Lead

Inorganic Analysis Data Sheets

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL24		
Sample Number:	MW-11-5	**Date/Time Collected:**	11/16/2006 08:51
Lab Sample ID:	JPL24-001	**Date/Time Received:**	11/17/2006 08:40
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	1.1	11/29/2006	11/30/2006	R012909

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL24		
Sample Number:	MW-11-4	**Date/Time Collected:**	11/16/2006 09:23
Lab Sample ID:	JPL24-002	**Date/Time Received:**	11/17/2006 08:40
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	0.54	11/29/2006	11/30/2006	R012909

INO - 5

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL24		
Sample Number:	MW-11-3	**Date/Time Collected:**	11/16/2006 09:54
Lab Sample ID:	JPL24-003	**Date/Time Received:**	11/17/2006 08:40
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	1.1	11/29/2006	11/30/2006	R012909

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL24		
Sample Number:	MW-11-2	**Date/Time Collected:**	11/16/2006 10:24
Lab Sample ID:	JPL24-004	**Date/Time Received:**	11/17/2006 08:40
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	1.1	11/29/2006	11/30/2006	R012909

INO - 7

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL24

Sample Number: MW-11-1 **Date/Time Collected:** 11/16/2006 10:59

Lab Sample ID: JPL24-005 **Date/Time Received:** 11/17/2006 08:40

Method: E300.0 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Nitrate - N	14797-55-8	1	1.4		0.040	0.017	11/17/2006	11/17/2006	R012726
Nitrite - N	14797-65-0	1	0.050	U	0.050	0.021	11/17/2006	11/17/2006	R012726
Sulfate as SO4	14808-79-8	10	55		10	0.88	11/17/2006	11/17/2006	R012726
Chloride	16887-00-6	10	25		2.0	0.70	11/17/2006	11/17/2006	R012726
Orthophosphate	7723-14-0	1	0.10	U	0.10	0.092	11/17/2006	11/17/2006	R012726

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	2.2	11/29/2006	11/30/2006	R012909

FORM LTL-RSR-27.0

INO - 8

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL24

Sample Number: Dupe-4-4Q06 **Date/Time Collected:** 11/16/2006 00:00

Lab Sample ID: JPL24-006 **Date/Time Received:** 11/17/2006 08:40

Method: E300.0 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Nitrate - N	14797-55-8	1	1.4		0.040	0.017	11/17/2006	11/17/2006	R012726
Nitrite - N	14797-65-0	1	0.050	U	0.050	0.021	11/17/2006	11/17/2006	R012726
Sulfate as SO4	14808-79-8	10	54		10	0.88	11/17/2006	11/17/2006	R012726
Chloride	16887-00-6	10	25		2.0	0.70	11/17/2006	11/17/2006	R012726
Orthophosphate	7723-14-0	1	0.10	U	0.10	0.092	11/17/2006	11/17/2006	R012726

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	2.2	11/29/2006	11/30/2006	R012909

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL24		
Sample Number:	EB-15-11/16/06	**Date/Time Collected:**	11/16/2006 10:45
Lab Sample ID:	JPL24-007	**Date/Time Received:**	11/17/2006 08:40
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	0.54	11/29/2006	11/30/2006	R012909

INO - 10

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL24		
Sample Number:	MW-12-5	**Date/Time Collected:**	11/17/2006 07:39
Lab Sample ID:	JPL24-009	**Date/Time Received:**	11/18/2006 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	1.1	12/01/2006	12/02/2006	R013018

INO - 11

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL24		
Sample Number:	MW-12-4	**Date/Time Collected:**	11/17/2006 08:11
Lab Sample ID:	JPL24-010	**Date/Time Received:**	11/18/2006 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	2.2	12/01/2006	12/02/2006	R013018

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL24		
Sample Number:	MW-12-3	**Date/Time Collected:**	11/17/2006 08:38
Lab Sample ID:	JPL24-011	**Date/Time Received:**	11/18/2006 09:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.1		2.0	1.1	12/01/2006	12/02/2006	R013018

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL24		
Sample Number:	MW-12-2	**Date/Time Collected:**	11/17/2006 09:08
Lab Sample ID:	JPL24-012	**Date/Time Received:**	11/18/2006 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	2.2	12/01/2006	12/02/2006	R013018

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL24		
Sample Number:	MW-12-1	**Date/Time Collected:**	11/17/2006 09:42
Lab Sample ID:	JPL24-013	**Date/Time Received:**	11/18/2006 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	1.1	12/01/2006	12/02/2006	R013018

INO - 15

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL24		
Sample Number:	EB-16-11/17/06	**Date/Time Collected:**	11/17/2006 09:30
Lab Sample ID:	JPL24-014	**Date/Time Received:**	11/18/2006 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	0.54	12/01/2006	12/02/2006	R013018

INO - 16

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL24		
Sample Number:	MW-22-5	**Date/Time Collected:**	11/20/2006 07:46
Lab Sample ID:	JPL24-016	**Date/Time Received:**	11/21/2006 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	1.1	12/01/2006	12/02/2006	R013018

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL24		
Sample Number:	MW-22-4	**Date/Time Collected:**	11/20/2006 08:16
Lab Sample ID:	JPL24-017	**Date/Time Received:**	11/21/2006 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	1.1	12/01/2006	12/02/2006	R013018

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL24		
Sample Number:	MW-22-3	**Date/Time Collected:**	11/20/2006 08:44
Lab Sample ID:	JPL24-018	**Date/Time Received:**	11/21/2006 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	2.2	12/01/2006	12/02/2006	R013018

INO - 19

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL24		
Sample Number:	MW-22-2	**Date/Time Collected:**	11/20/2006 09:15
Lab Sample ID:	JPL24-019	**Date/Time Received:**	11/21/2006 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	2.2	12/01/2006	12/02/2006	R013018

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL24		
Sample Number:	MW-22-1	**Date/Time Collected:**	11/20/2006 09:43
Lab Sample ID:	JPL24-020	**Date/Time Received:**	11/21/2006 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	2.2	12/01/2006	12/02/2006	R013018

INO - 21

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL24		
Sample Number:	DUPE-5-4Q06	**Date/Time Collected:**	11/20/2006 00:00
Lab Sample ID:	JPL24-021	**Date/Time Received:**	11/21/2006 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	2.2	12/01/2006	12/02/2006	R013018

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL24		
Sample Number:	EB-17-11/20/06	**Date/Time Collected:**	11/20/2006 09:56
Lab Sample ID:	JPL24-022	**Date/Time Received:**	11/21/2006 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	0.54	12/01/2006	12/02/2006	R013018

SAMPLE DATA

SDG JPL25

VOLATILES ANALYSIS

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-5

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

SDG No.: JPL25 Run Sequence: R012937

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1120014.D

Level: (LOW/MED) Date Collected: 11/21/2006

% Moisture: not dec. Date/Time Analyzed: 11/27/2006 16:29

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	0.50	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-23-5

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

SDG No.: JPL25 Run Sequence: R012937

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1120014.D

Level: (LOW/MED) Date Collected: 11/21/2006

% Moisture: not dec. Date/Time Analyzed: 11/27/2006 16:29

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	0.50	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	0.40	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-23-5

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL25

Run Sequence: R012937

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL25-001

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

Lab File ID: Y1120014.D

Level: (LOW/MED)

Date Collected: 11/21/2006

% Moisture: not dec.

Date/Time Analyzed: 11/27/2006 16:29

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

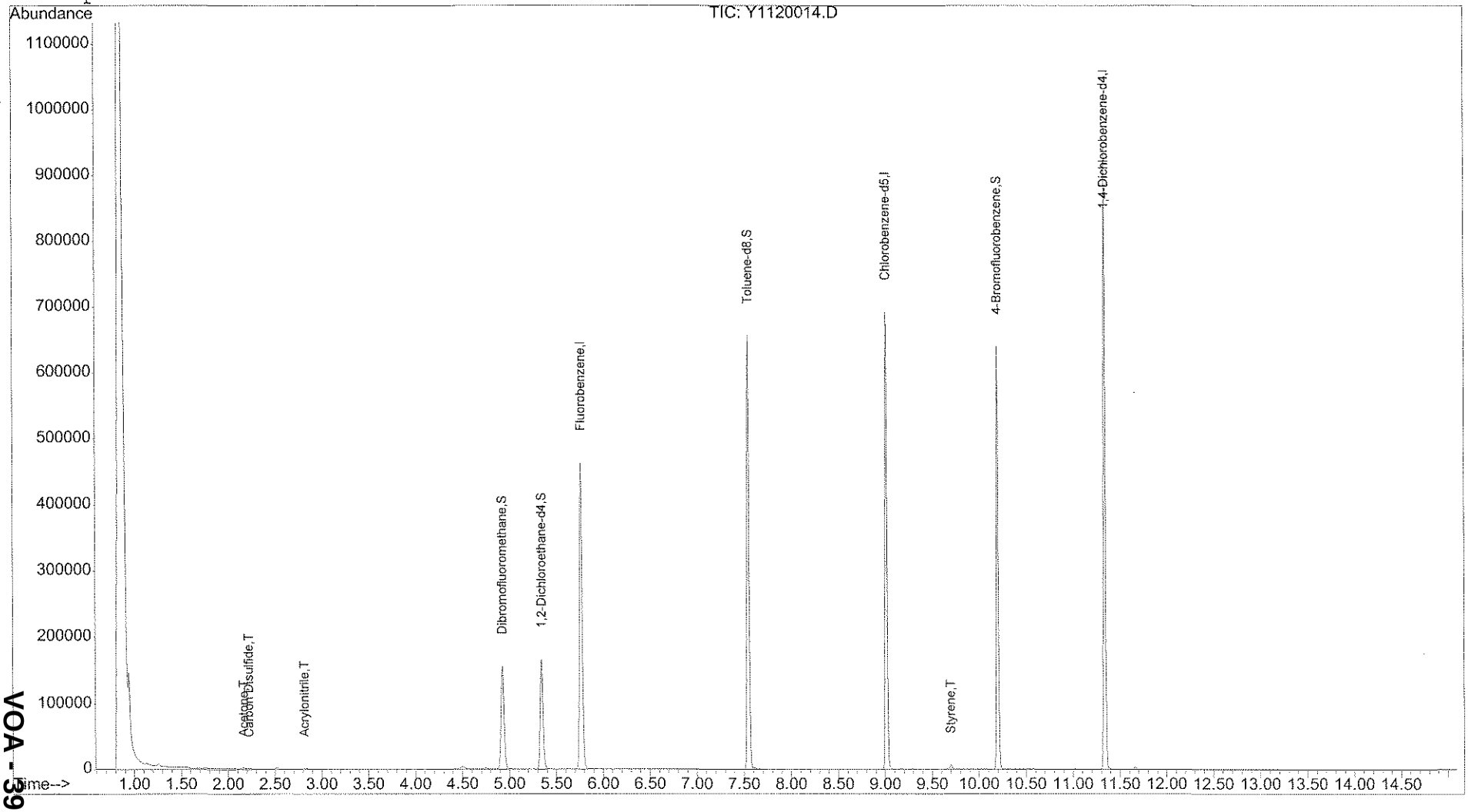
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112706\Y1120014.D Vial: 28
Acq On : 27 Nov 2006 16:29 Operator: LH
Sample : JPL25-001 MW-23-5 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 28 12:52 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 39

Quantitation Report

Data File : X:\MSVOA\YODA\112706\Y1120014.D Vial: 28
Acq On : 27 Nov 2006 16:29 Operator: LH
Sample : JPL25-001 MW-23-5 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 28 12:52 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	434287	50.00	ug/l		0.00 110.30%
50) Chlorobenzene-d5	9.01	82	179859	50.00	ug/l		0.00 109.05%
70) 1,4-Dichlorobenzene-d4	11.34	152	209303	50.00	ug/l		0.00 85.92%
System Monitoring Compounds							
32) Dibromofluoromethane	4.93	111	112014	43.45	ug/l		0.00
38) 1,2-Dichloroethane-d4	5.34	65	125998	54.85	ug/l		0.00
51) Toluene-d8	7.55	98	392693	53.93	ug/l		0.00
71) 4-Bromofluorobenzene	10.20	95	174099	58.59	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) 1,1-Dichloroethene	0.00	96	0	N.D.			
9) Acrolein	0.00	56	0	N.D.			
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.			
11) Acetone	2.16	43	3334	3.90	ug/l	#	78
12) Iodomethane	0.00	142	0	N.D.			
13) Bromoethane	0.00	108	0	N.D.			
14) Carbon Disulfide	2.22	76	2967	0.38	ug/l		100
15) Acetonitrile	0.00	40	0	N.D.	d		
16) Allyl chloride	0.00	76	0	N.D.			
17) Methyl Acetate	0.00	43	0	N.D.			
18) Methylene Chloride	2.52	84	1624	~~Below Cal~~			96
19) Methyl tert-butyl ether	0.00	73	0	N.D.			
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.			
21) Acrylonitrile	2.82	53	1839	2.73	ug/l		90
22) Vinyl acetate	0.00	43	0	N.D.			
23) 1,1-Dichloroethane	0.00	63	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.			

LL 4/28/07

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

Quantitation Report

Data File : X:\MSVOA\YODA\112706\Y1120014.D Vial: 28
Acq On : 27 Nov 2006 16:29 Operator: LH
Sample : JPL25-001 MW-23-5 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 28 12:52 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.38	78	627	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1930	~~Below Cal #~~	1
52)	Toluene	7.62	92	817	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	8.55	43	221	~~Below Cal #~~	38
58)	1,3-Dichloropropane	0.00	76	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)	Ethylbenzene	9.17	91	1481	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	569	N.D.	
66)	o-xylene	9.68	106	153	N.D.	
67)	Styrene	9.70	104	2958	0.40 ug/l	100
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.06	105	63	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

LH 11/28/06

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

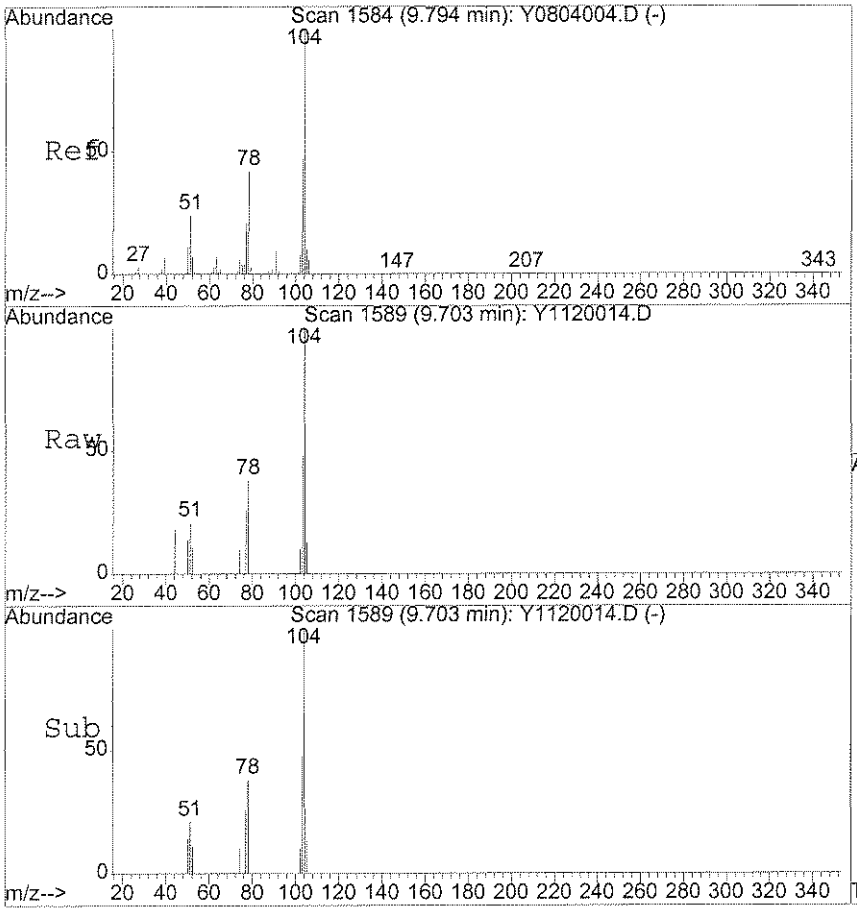
Quantitation Report

Data File : X:\MSVOA\YODA\112706\Y1120014.D Vial: 28
Acq On : 27 Nov 2006 16:29 Operator: LH
Sample : JPL25-001 MW-23-5 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 28 12:52 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.47	91	243	N.D.	
78)	1,3,5-Trimethylbenzene	10.66	105	114	N.D.	
79)	4-Chlorotoluene	10.47	91	243	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	471	N.D.	
82)	sec-butylbenzene	11.18	105	109	N.D.	
83)	4-Isopropyltoluene	11.33	119	292	N.D.	
84)	1,3-Dichlorobenzene	11.36	146	108	N.D.	
85)	1,4-Dichlorobenzene	11.36	146	108	N.D.	
86)	n-Butylbenzene	11.74	91	172	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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	13.54	128	246	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

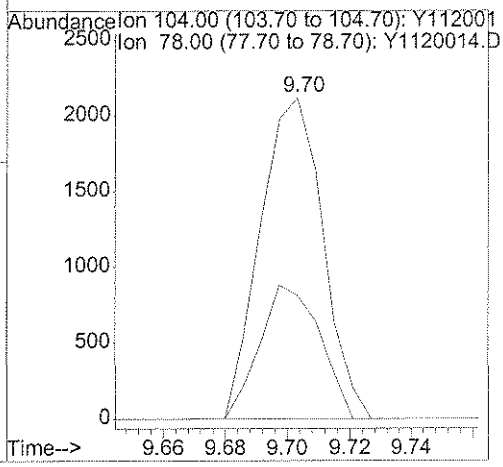
(#) = qualifier out of range (m) = manual integration



#67
Styrene
Concen: 0.40 ug/l
RT: 9.70 min Scan# 1589
Delta R.T. 0.00 min
Lab File: Y1120014.D
Acq: 27 Nov 2006 16:29

Tgt Ion:104 Resp: 2958

Ion	Ratio	Lower	Upper
104	100		
78	40.0	19.7	59.7



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-4

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

SDG No.: JPL25 Run Sequence: R012937

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1120015.D

Level: (LOW/MED) Date Collected: 11/21/2006

% Moisture: not dec. Date/Time Analyzed: 11/27/2006 16:53

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	2.0	
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-23-4

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

SDG No.: JPL25 Run Sequence: R012937

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1120015.D

Level: (LOW/MED) _____ Date Collected: 11/21/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/27/2006 16:53

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	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-23-4

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

SDG No.: JPL25 Run Sequence: R012937

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1120015.D

Level: (LOW/MED) Date Collected: 11/21/2006

% Moisture: not dec. Date/Time Analyzed: 11/27/2006 16:53

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

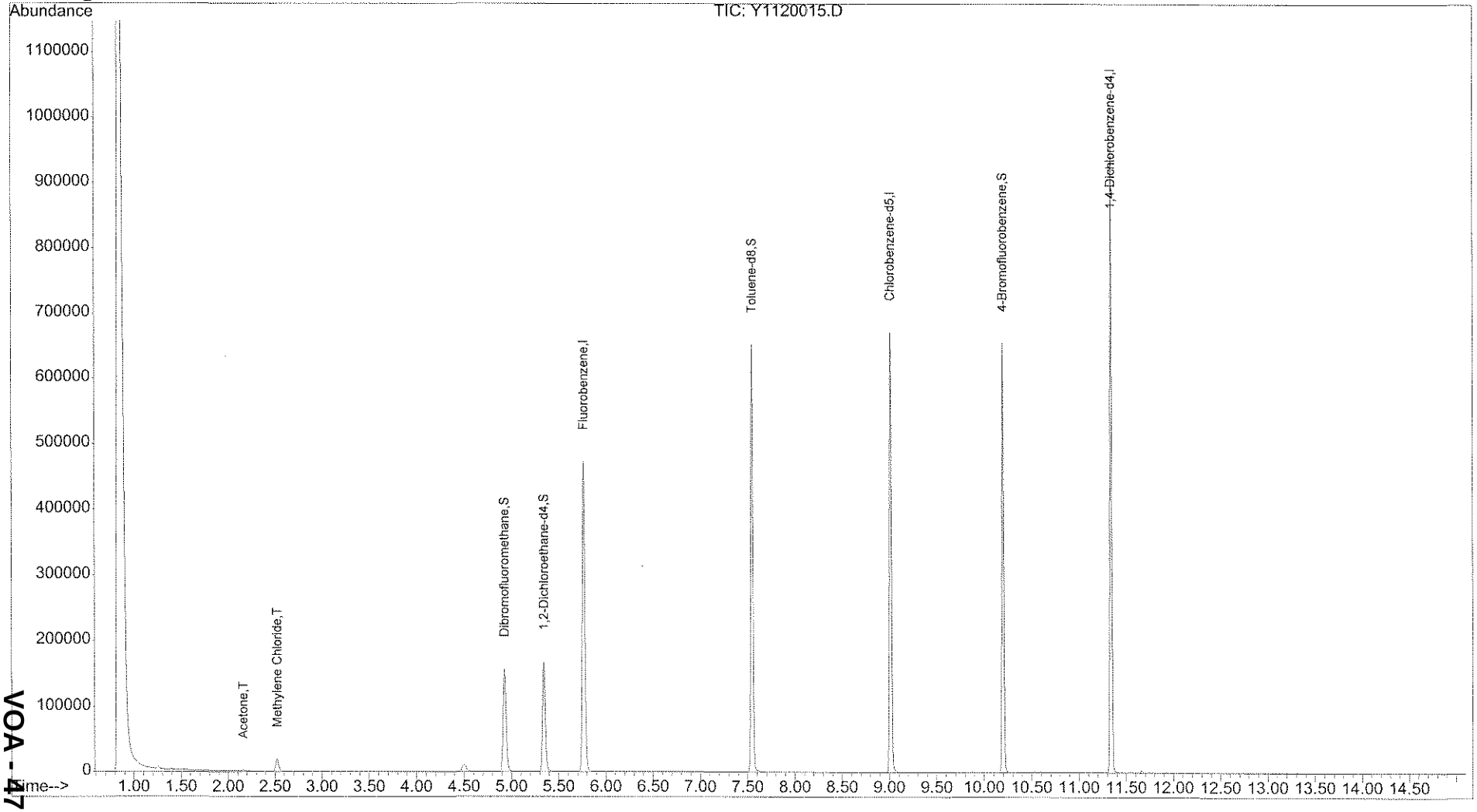
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112706\Y1120015.D Vial: 29
Acq On : 27 Nov 2006 16:53 Operator: LH
Sample : JPL25-002 MW-23-4 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 28 12:53 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 47

Quantitation Report

Data File : X:\MSVOA\YODA\112706\Y1120015.D Vial: 29
Acq On : 27 Nov 2006 16:53 Operator: LH
Sample : JPL25-002 MW-23-4 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 28 12:53 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	430369	50.00	ug/l	0.00 109.30%
50) Chlorobenzene-d5	9.01	82	180094	50.00	ug/l	0.00 109.19%
70) 1,4-Dichlorobenzene-d4	11.34	152	209273	50.00	ug/l	0.00 85.91%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	110413	43.22	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	123665	54.33	ug/l	0.00
51) Toluene-d8	7.55	98	387442	53.14	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	173117	58.27	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.16	43	2919	3.35	ug/l #	78
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.23	76	468	N.D.		
15) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.52	84	10096	2.03	ug/l	88
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

LH 11/28/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112706\Y1120015.D Vial: 29
Acq On : 27 Nov 2006 16:53 Operator: LH
Sample : JPL25-002 MW-23-4 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 28 12:53 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.40	78	114	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.55	43	1585	~~Below Cal #~~	1
52)	Toluene	7.62	92	476	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	8.54	43	164	~~Below Cal #~~	38
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	300	N.D.	
63)	Ethylbenzene	9.17	91	300	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	466	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	9.70	104	55	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.06	105	107	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

LH 11/28/06

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

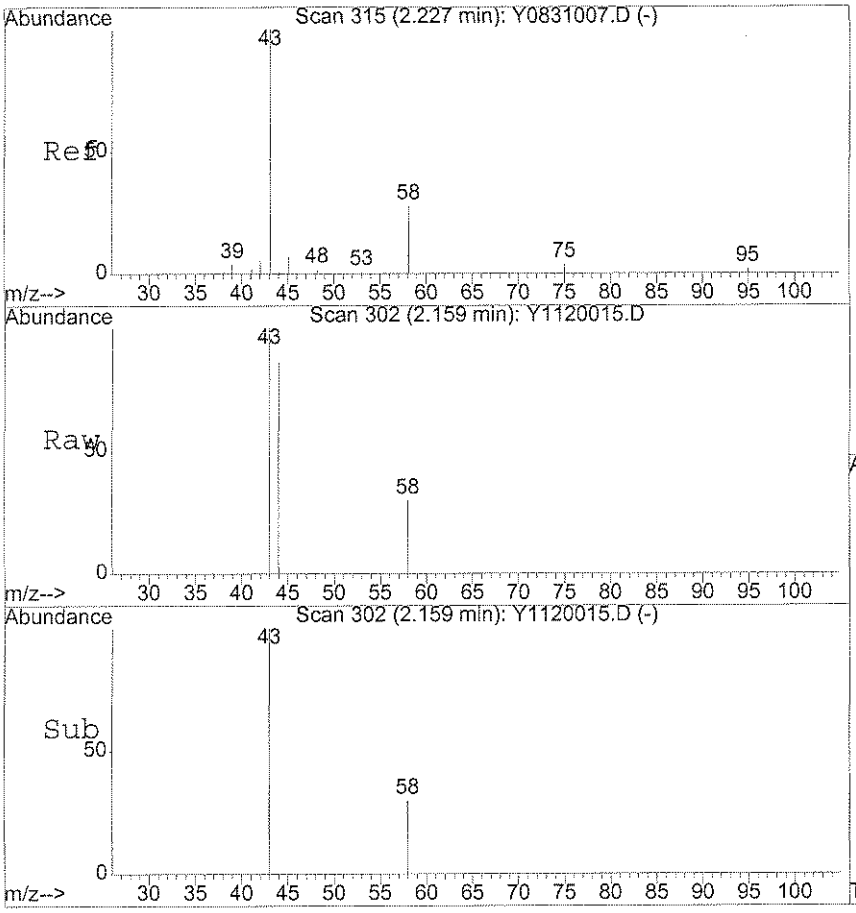
Quantitation Report

Data File : X:\MSVOA\YODA\112706\Y1120015.D Vial: 29
Acq On : 27 Nov 2006 16:53 Operator: LH
Sample : JPL25-002 MW-23-4 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 28 12:53 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.47	91	189	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	10.64	91	54	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	220	N.D.	
82)	sec-butylbenzene	11.18	105	146	N.D.	
83)	4-Isopropyltoluene	11.34	119	169	N.D.	
84)	1,3-Dichlorobenzene	11.36	146	72	N.D.	
85)	1,4-Dichlorobenzene	11.36	146	72	N.D.	
86)	n-Butylbenzene	11.74	91	213	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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.	

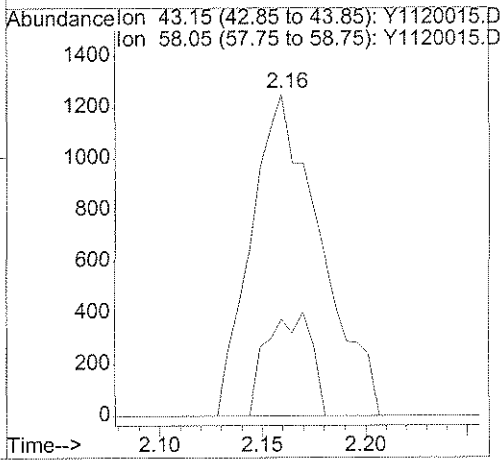
(#) = qualifier out of range (m) = manual integration

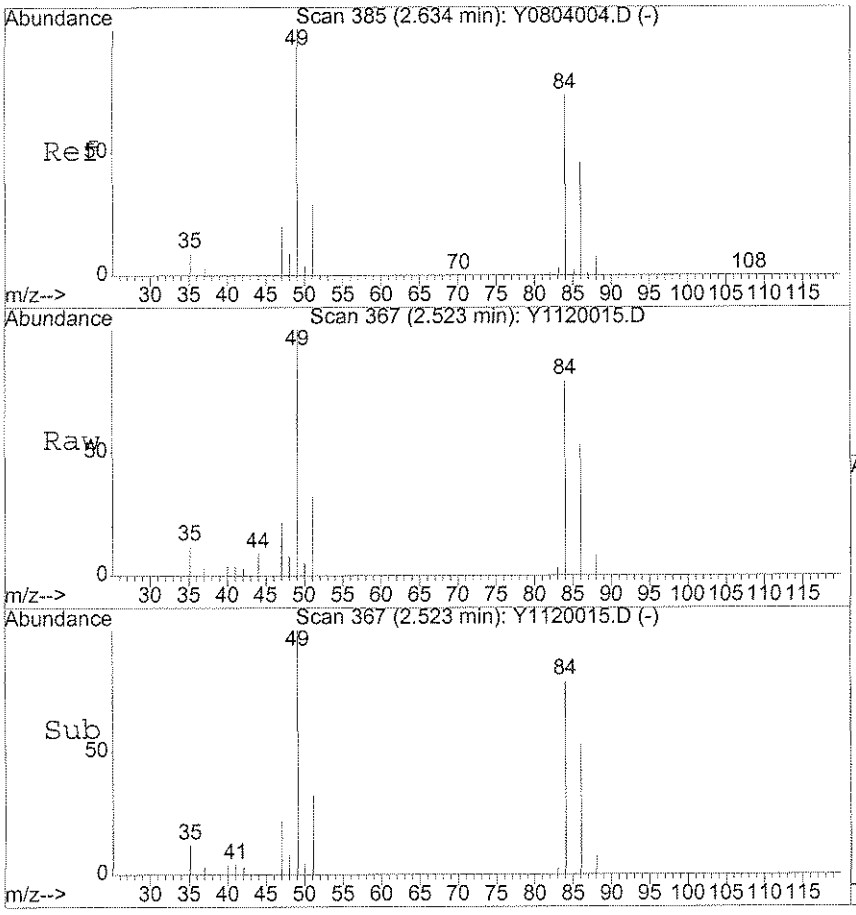


#11
Acetone
Concen: 3.35 ug/l
RT: 2.16 min Scan# 302
Delta R.T. 0.00 min
Lab File: Y1120015.D
Acq: 27 Nov 2006 16:53

Tgt Ion: 43 Resp: 2919

Ion	Ratio	Lower	Upper
43	100		
58	20.9	26.8	40.2#

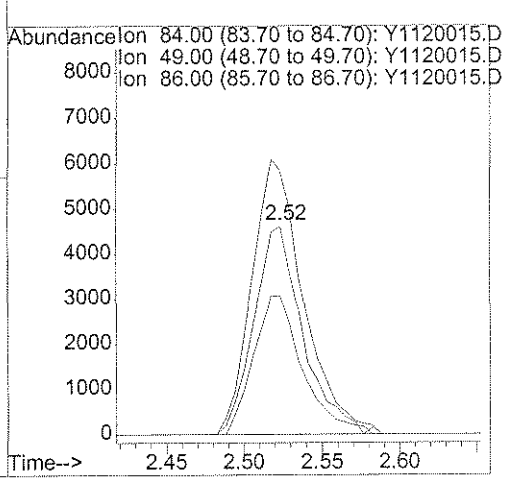




#18
Methylene Chloride
Concen: 2.03 ug/l
RT: 2.52 min Scan# 367
Delta R.T. 0.01 min
Lab File: Y1120015.D
Acq: 27 Nov 2006 16:53

Tgt Ion: 84 Resp: 10096

Ion	Ratio	Lower	Upper
84	100		
49	139.4	100.9	140.9
86	66.8	43.3	83.3



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-3

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

SDG No.: JPL25 Run Sequence: R012937

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1120016.D

Level: (LOW/MED) Date Collected: 11/21/2006

% Moisture: not dec. Date/Time Analyzed: 11/27/2006 17:17

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.: JPL25 Run Sequence: R012937

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1120016.D

Level: (LOW/MED) Date Collected: 11/21/2006

% Moisture: not dec. Date/Time Analyzed: 11/27/2006 17:17

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.: JPL25 Run Sequence: R012937

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1120016.D

Level: (LOW/MED) Date Collected: 11/21/2006

% Moisture: not dec. Date/Time Analyzed: 11/27/2006 17:17

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

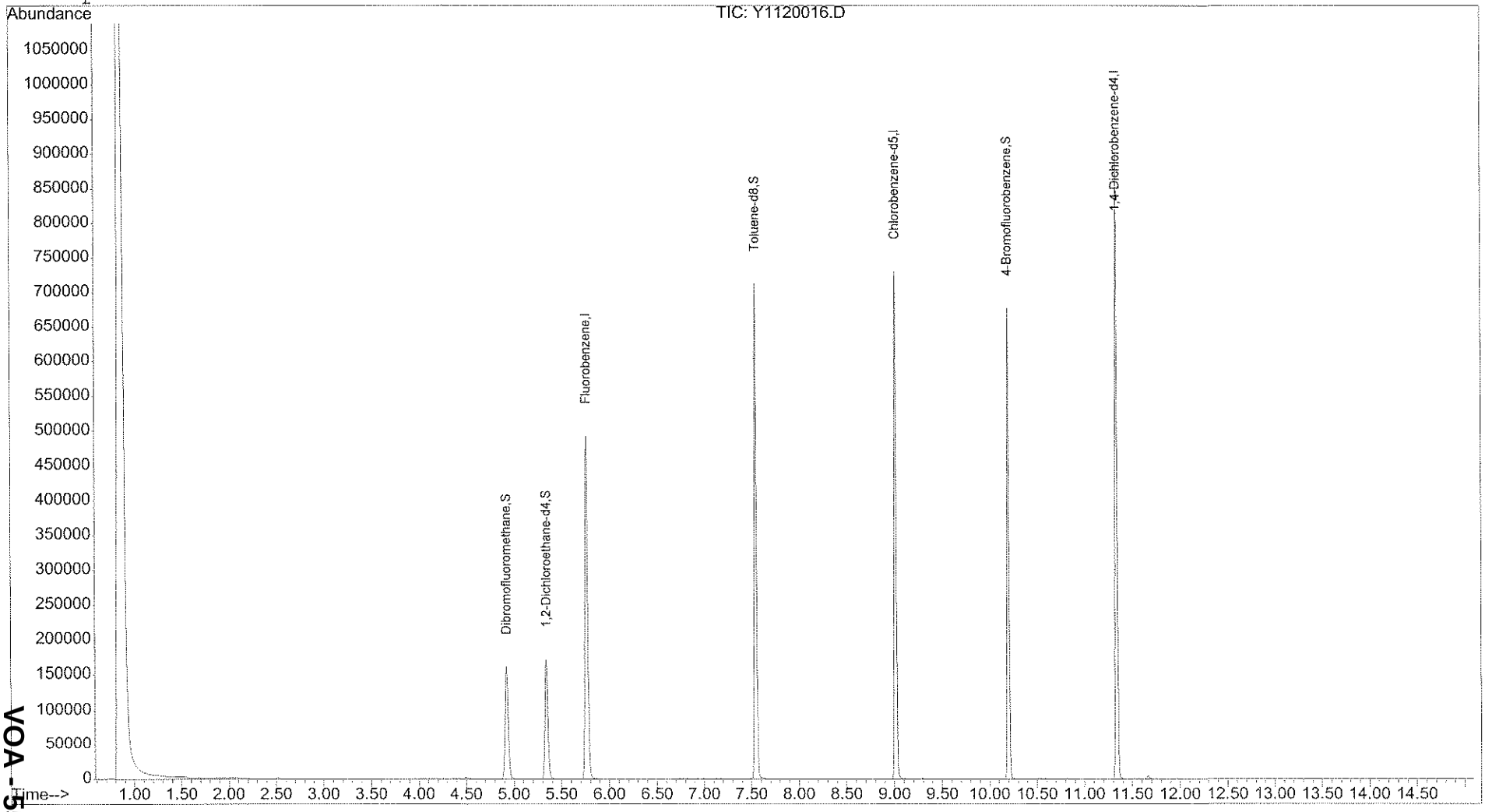
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112706\Y1120016.D Vial: 30
Acq On : 27 Nov 2006 17:17 Operator: LH
Sample : JPL25-003 MW-23-3 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 28 12:54 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA-55

Quantitation Report

Data File : X:\MSVOA\YODA\112706\Y1120016.D Vial: 30
Acq On : 27 Nov 2006 17:17 Operator: LH
Sample : JPL25-003 MW-23-3 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 28 12:54 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	458445	50.00	ug/l	0.00 116.43%
50) Chlorobenzene-d5	9.02	82	194072	50.00	ug/l	0.00 117.67%
70) 1,4-Dichlorobenzene-d4	11.34	152	215286	50.00	ug/l	0.00 88.38%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	115912	42.60	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	131903	54.40	ug/l	0.00
51) Toluene-d8	7.55	98	425307	54.13	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	182869	59.83	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.08	50	65	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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	244	N.D.		
15) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.52	84	938	~~Below Cal~~ #		78
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

LH 11/28/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112706\Y1120016.D
Acq On : 27 Nov 2006 17:17
Sample : JPL25-003 MW-23-3
Misc : 5mL+IS/SS #2
MS Integration Params: rteint.p
Quant Time: Nov 28 12:54 2006

Vial: 30
Operator: LH
Inst : yoda
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.38	78	199	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1733	~~Below Cal~~ #	1
52)	Toluene	7.62	92	246	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	121	N.D.	
63)	Ethylbenzene	9.30	91	596	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	181	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	89	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

LJ 4/28/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112706\Y1120016.D Vial: 30
Acq On : 27 Nov 2006 17:17 Operator: LH
Sample : JPL25-003 MW-23-3 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 28 12:54 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
75)	Bromobenzene	0.00	156	0	N.D.		
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
77)	2-Chlorotoluene	10.47	91	237	N.D.		
78)	1,3,5-Trimethylbenzene	10.66	105	62	N.D.		
79)	4-Chlorotoluene	10.47	91	237	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.02	105	196	N.D.		
82)	sec-butylbenzene	11.02	105	196	N.D.		
83)	4-Isopropyltoluene	11.34	119	237	N.D.		
84)	1,3-Dichlorobenzene	11.27	146	118	N.D.		
85)	1,4-Dichlorobenzene	11.27	146	118	N.D.		
86)	n-Butylbenzene	11.74	91	212	N.D.		
87)	1,2-Dichlorobenzene	0.00	146	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-23-2

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

SDG No.: JPL25 Run Sequence: R012937

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1120017.D

Level: (LOW/MED) Date Collected: 11/21/2006

% Moisture: not dec. Date/Time Analyzed: 11/27/2006 17:42

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.: JPL25 Run Sequence: R012937

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-004

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1120017.D

Level: (LOW/MED) Date Collected: 11/21/2006

% Moisture: not dec. Date/Time Analyzed: 11/27/2006 17:42

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.: JPL25

Run Sequence: R012937

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL25-004

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

Lab File ID: Y1120017.D

Level: (LOW/MED)

Date Collected: 11/21/2006

% Moisture: not dec.

Date/Time Analyzed: 11/27/2006 17:42

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

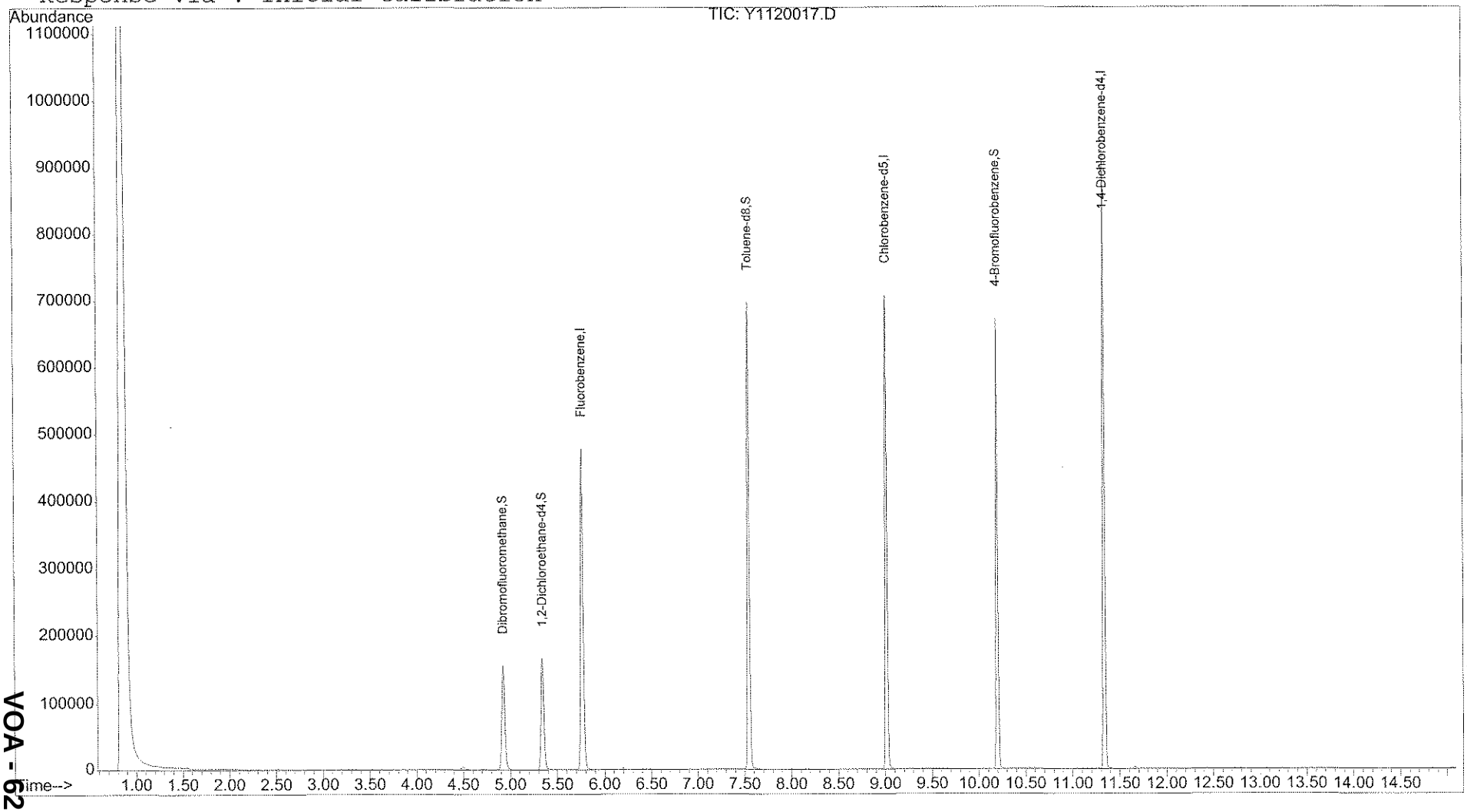
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112706\Y1120017.D Vial: 31
Acq On : 27 Nov 2006 17:42 Operator: LH
Sample : JPL25-004 MW-23-2 Inst : yoda
Misc : 5mL+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 28 12:56 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 62

Quantitation Report

Data File : X:\MSVOA\YODA\112706\Y1120017.D Vial: 31
Acq On : 27 Nov 2006 17:42 Operator: LH
Sample : JPL25-004 MW-23-2 Inst : yoda
Misc : 5mL+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 28 12:56 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	438939	50.00	ug/l	0.00 111.48%
50) Chlorobenzene-d5	9.02	82	188373	50.00	ug/l	0.00 114.21%
70) 1,4-Dichlorobenzene-d4	11.34	152	211612	50.00	ug/l	0.00 86.87%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	111610	42.84	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	126940	54.68	ug/l	0.00
51) Toluene-d8	7.55	98	408324	53.54	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	178392	59.38	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.52	84	839	~~Below Cal #~~		82
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	3.33	63	631	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.		

LH 4/28/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112706\Y1120017.D
Acq On : 27 Nov 2006 17:42
Sample : JPL25-004 MW-23-2
Misc : 5mL+IS/SS #7
MS Integration Params: rteint.p
Quant Time: Nov 28 12:56 2006

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 Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	1337	N.D.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.38	78	270	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	6.20	130	684	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	6.79	83	62	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1653	~~Below Cal~~ #	1
52)	Toluene	7.62	92	359	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	8.16	166	409	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	67	N.D.	
63)	Ethylbenzene	9.17	91	67	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	81	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	220	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

LH 11/28/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112706\Y1120017.D Vial: 31
Acq On : 27 Nov 2006 17:42 Operator: LH
Sample : JPL25-004 MW-23-2 Inst : yoda
Misc : 5mL+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 28 12:56 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.47	91	198	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	10.47	91	198	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.02	105	205	N.D.	
82)	sec-butylbenzene	11.18	105	58	N.D.	
83)	4-Isopropyltoluene	11.34	119	98	N.D.	
84)	1,3-Dichlorobenzene	11.27	146	640	N.D.	
85)	1,4-Dichlorobenzene	11.36	146	262	N.D.	
86)	n-Butylbenzene	11.74	91	60	N.D.	
87)	1,2-Dichlorobenzene	11.72	146	383	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	13.32	180	124	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	385	N.D.	

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-1

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

SDG No.: JPL25 Run Sequence: R012939

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1129015.D

Level: (LOW/MED) Date Collected: 11/21/2006

% Moisture: not dec. Date/Time Analyzed: 11/29/2006 16:58

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-23-1

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

SDG No.: JPL25 Run Sequence: R012939

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1129015.D

Level: (LOW/MED) _____ Date Collected: 11/21/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/29/2006 16:58

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	0.63	
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.: JPL25 Run Sequence: R012939

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1129015.D

Level: (LOW/MED) Date Collected: 11/21/2006

% Moisture: not dec. Date/Time Analyzed: 11/29/2006 16:58

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

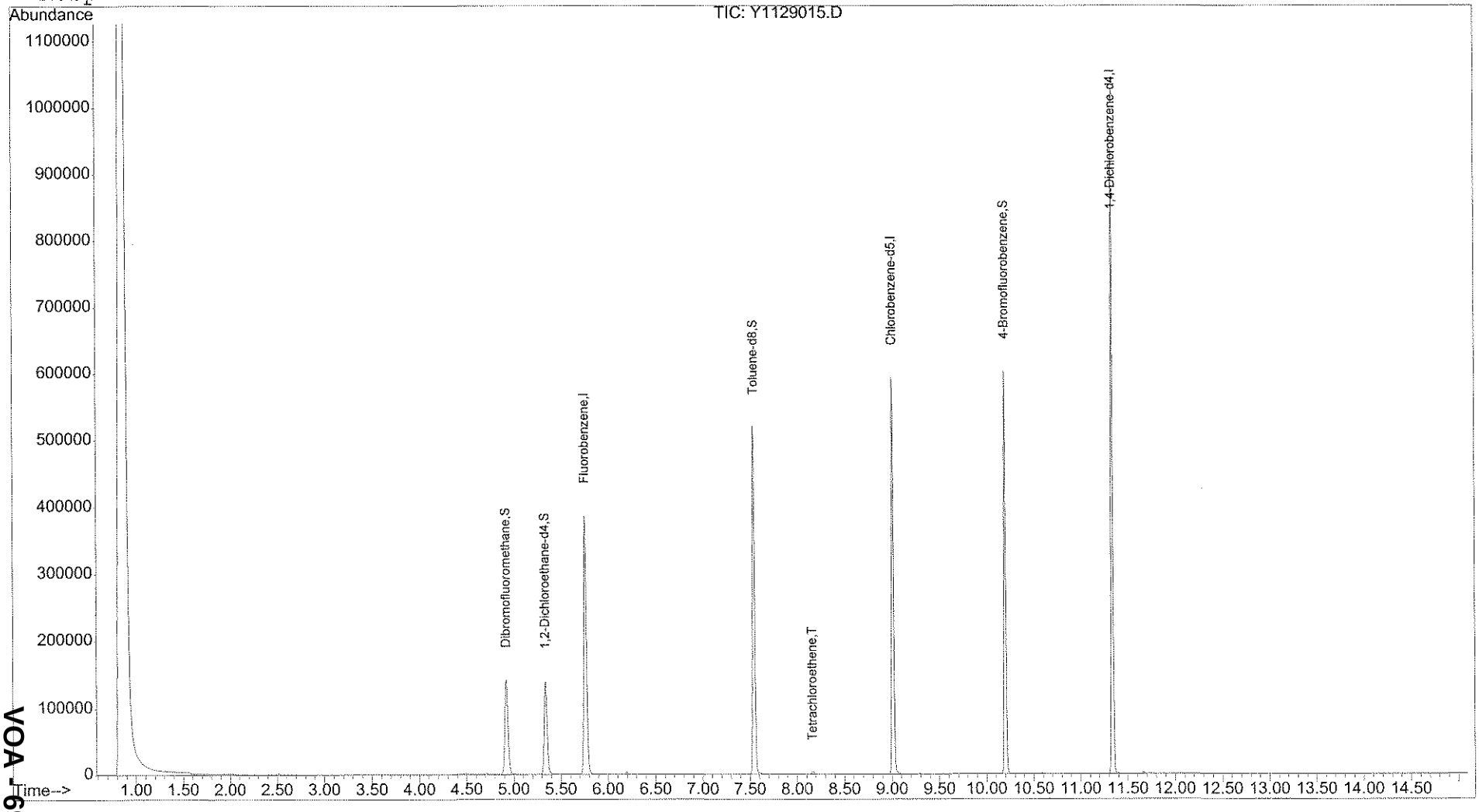
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129015.D Vial: 28
Acq On : 29 Nov 2006 16:58 Operator: LH
Sample : JPL25-005 MW-23-1 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 11:05 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA-69

Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129015.D Vial: 28
Acq On : 29 Nov 2006 16:58 Operator: LH
Sample : JPL25-005 MW-23-1 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 11:05 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	356238	50.00	ug/l	0.00 90.47%
50) Chlorobenzene-d5	9.01	82	155625	50.00	ug/l	0.00 94.36%
70) 1,4-Dichlorobenzene-d4	11.34	152	210672	50.00	ug/l	0.00 86.48%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	105841	50.05	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	108409	57.54	ug/l	0.00
51) Toluene-d8	7.55	98	317310	50.36	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	163207	54.57	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.15	43	587	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) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	3.33	63	1578	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.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129015.D Vial: 28
Acq On : 29 Nov 2006 16:58 Operator: LH
Sample : JPL25-005 MW-23-1 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 11:05 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
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	1550	N.D.			
33)	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)	Methyl methacrylate	0.00	41	0	N.D.			
37)	1,1-Dichloropropene	0.00	75	0	N.D.			
39)	Benzene	5.39	78	124	N.D.			
40)	1,2-Dichloroethane	0.00	62	0	N.D.			
41)	Isobutanol	0.00	43	0	N.D.			
42)	Trichloroethene	6.19	130	1043	N.D.			
43)	Methylcyclohexane	0.00	83	0	N.D.			
44)	1,2-Dichloropropane	0.00	63	0	N.D.			
45)	Dibromomethane	0.00	93	0	N.D.			
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.			
47)	Bromodichloromethane	0.00	83	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	256	N.D.			
53)	Ethyl methacrylate	0.00	69	0	N.D.			
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.			
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.			
56)	Tetrachloroethene	8.17	166	1446	0.63	ug/l	#	85
57)	2-Hexanone	0.00	43	0	N.D.			
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	126	N.D.			
63)	Ethylbenzene	9.17	91	126	N.D.			
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.			
65)	m,p-Xylene	9.29	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.			
69)	Isopropylbenzene	10.06	105	65	N.D.			
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.			
73)	n-Propylbenzene	0.00	120	0	N.D.			

LL 11/30/06

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

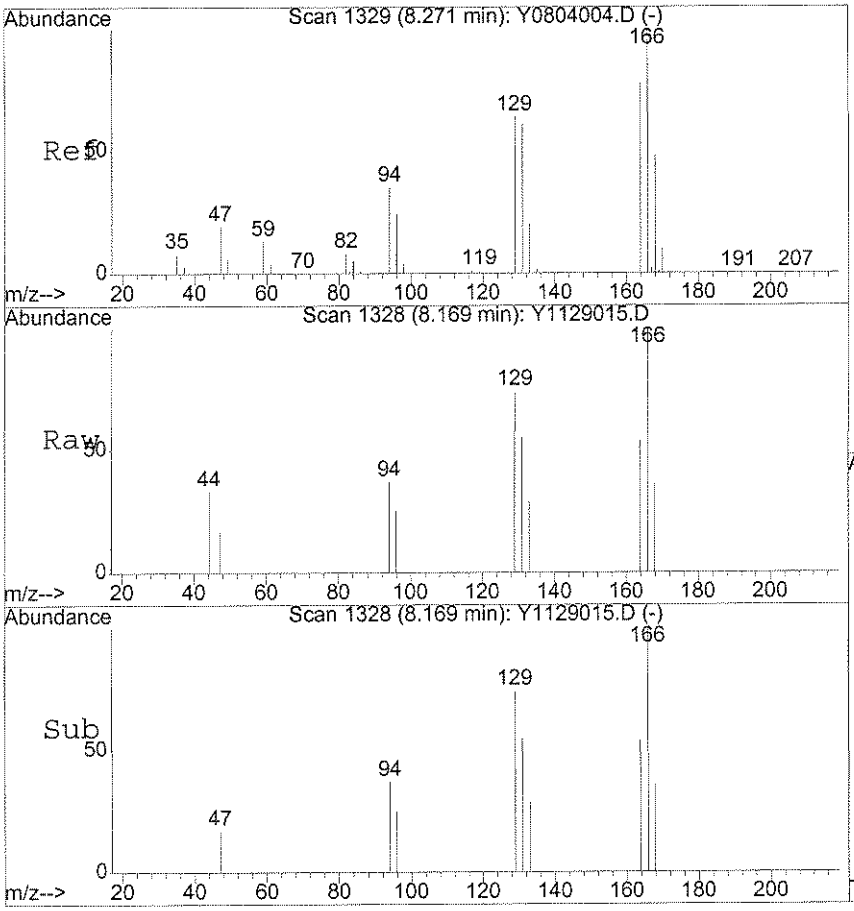
Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129015.D Vial: 28
Acq On : 29 Nov 2006 16:58 Operator: LH
Sample : JPL25-005 MW-23-1 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 11:05 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.47	91	161	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	10.64	91	63	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.02	105	220	N.D.	
82)	sec-butylbenzene	11.18	105	228	N.D.	
83)	4-Isopropyltoluene	11.34	119	154	N.D.	
84)	1,3-Dichlorobenzene	11.35	146	56	N.D.	
85)	1,4-Dichlorobenzene	11.35	146	56	N.D.	
86)	n-Butylbenzene	11.74	91	260	N.D.	
87)	1,2-Dichlorobenzene	11.72	146	122	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	13.79	180	130	N.D.	

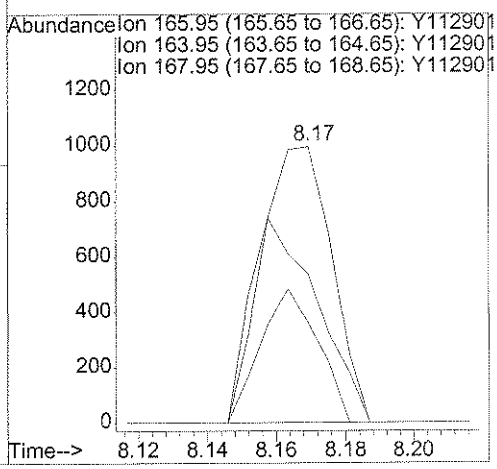
(#) = qualifier out of range (m) = manual integration



#56
Tetrachloroethene
Concen: 0.63 ug/l
RT: 8.17 min Scan# 1328
Delta R.T. 0.01 min
Lab File: Y1129015.D
Acq: 29 Nov 2006 16:58

Tgt Ion:166 Resp: 1446

Ion	Ratio	Lower	Upper
166	100		
164	65.8	63.3	94.9
168	38.6	39.6	59.4#



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-18-11/21/06

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

SDG No.: JPL25 Run Sequence: R012939

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1129016.D

Level: (LOW/MED) Date Collected: 11/21/2006

% Moisture: not dec. Date/Time Analyzed: 11/29/2006 17:22

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.

EB-18-11/21/06

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

SDG No.: JPL25 Run Sequence: R012939

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1129016.D

Level: (LOW/MED) _____ Date Collected: 11/21/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/29/2006 17:22

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.

EB-18-11/21/06

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

SDG No.: JPL25 Run Sequence: R012939

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1129016.D

Level: (LOW/MED) Date Collected: 11/21/2006

% Moisture: not dec. Date/Time Analyzed: 11/29/2006 17:22

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

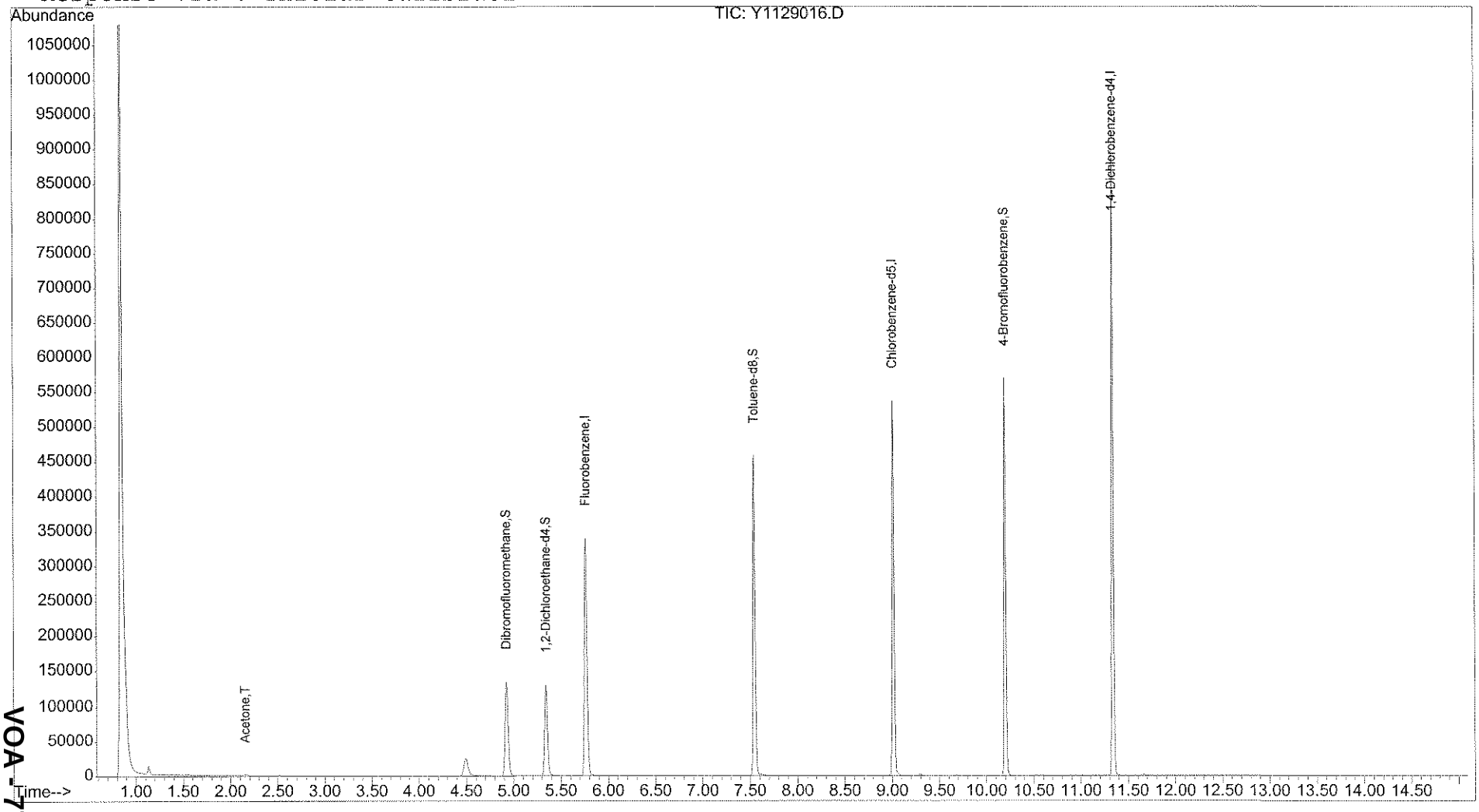
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129016.D Vial: 29
Acq On : 29 Nov 2006 17:22 Operator: LH
Sample : JPL25-006 EB-18-11/21/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 11:06 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA-77

Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129016.D Vial: 29
Acq On : 29 Nov 2006 17:22 Operator: LH
Sample : JPL25-006 EB-18-11/21/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 11:06 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	316692	50.00	ug/l	0.00 80.43%
50) Chlorobenzene-d5	9.01	82	145783	50.00	ug/l	0.00 88.39%
70) 1,4-Dichlorobenzene-d4	11.34	152	200277	50.00	ug/l	0.00 82.22%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	97583	51.91	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	97560	58.25	ug/l	0.00
51) Toluene-d8	7.55	98	282127	47.80	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	153211	53.88	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.15	43	4743	8.37	ug/l #	84
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	66	N.D.		
15) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.	d	
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129016.D Vial: 29
Acq On : 29 Nov 2006 17:22 Operator: LH
Sample : JPL25-006 EB-18-11/21/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 11:06 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	4.70	83	55	N.D.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	5.13	75	60	N.D.	
39)	Benzene	5.39	78	65	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	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	436	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	553	N.D.	
63)	Ethylbenzene	9.17	91	553	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	921	N.D.	
66)	o-xylene	9.69	106	212	N.D.	
67)	Styrene	0.00	104	0	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.06	105	64	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129016.D Vial: 29
Acq On : 29 Nov 2006 17:22 Operator: LH
Sample : JPL25-006 EB-18-11/21/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 11:06 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.47	91	259	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	10.47	91	259	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.02	105	74	N.D.	
82)	sec-butylbenzene	11.19	105	68	N.D.	
83)	4-Isopropyltoluene	11.34	119	300	N.D.	
84)	1,3-Dichlorobenzene	11.27	146	65	N.D.	
85)	1,4-Dichlorobenzene	11.35	146	138	N.D.	
86)	n-Butylbenzene	11.74	91	298	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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	13.55	128	222	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.

TB-18-11/21/06

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

SDG No.: JPL25 Run Sequence: R012939

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1129009.D

Level: (LOW/MED) Date Collected: 11/21/2006

% Moisture: not dec. Date/Time Analyzed: 11/29/2006 14:31

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.

TB-18-11/21/06

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

SDG No.: JPL25 Run Sequence: R012939

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1129009.D

Level: (LOW/MED) _____ Date Collected: 11/21/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/29/2006 14:31

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.

TB-18-11/21/06

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

SDG No.: JPL25 Run Sequence: R012939

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-007

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1129009.D

Level: (LOW/MED) Date Collected: 11/21/2006

% Moisture: not dec. Date/Time Analyzed: 11/29/2006 14:31

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

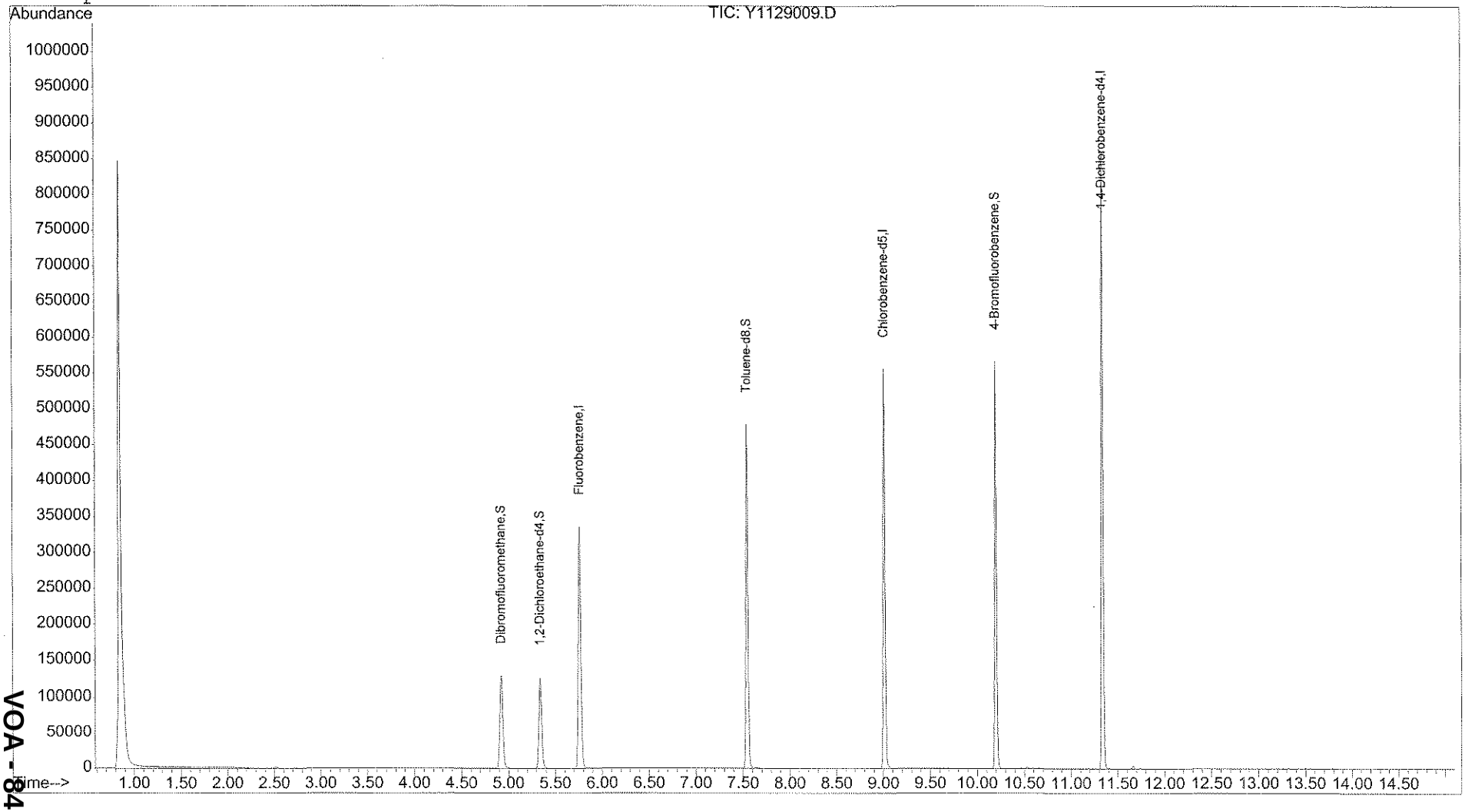
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129009.D Vial: 22
Acq On : 29 Nov 2006 14:31 Operator: LH
Sample : JPL25-007 TB-18-11/21/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 10:58 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 84

Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129009.D Vial: 22
Acq On : 29 Nov 2006 14:31 Operator: LH
Sample : JPL25-007 TB-18-11/21/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 10:58 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	312657	50.00 ug/l	0.00 79.41%
50) Chlorobenzene-d5	9.01	82	144894	50.00 ug/l	0.00 87.85%
70) 1,4-Dichlorobenzene-d4	11.34	152	197745	50.00 ug/l	0.00 81.18%
System Monitoring Compounds					
32) Dibromofluoromethane	4.93	111	94670	51.01 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	94957	57.42 ug/l	0.00
51) Toluene-d8	7.54	98	285592	48.69 ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	154074	54.88 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.07	50	509	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) 1,1-Dichloroethene	0.00	96	0	N.D.	
9) Acrolein	0.00	56	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	231	N.D.	
15) Acetonitrile	2.39	40	64	N.D.	
16) Allyl chloride	0.00	76	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.51	84	950	Below Cal	88
19) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	0.00	53	0	N.D.	
22) Vinyl acetate	0.00	43	0	N.D.	
23) 1,1-Dichloroethane	0.00	63	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.	

LH 11/30/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129009.D Vial: 22
Acq On : 29 Nov 2006 14:31 Operator: LH
Sample : JPL25-007 TB-18-11/21/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 10:58 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.55	43	1253	~~Below Cal #~~ 1	
52)	Toluene	7.61	92	64	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	182	N.D.	
63)	Ethylbenzene	9.17	91	182	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	163	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	10.06	105	266	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	10.66	120	73	N.D.	

LH 11/30/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129009.D Vial: 22
Acq On : 29 Nov 2006 14:31 Operator: LH
Sample : JPL25-007 TB-18-11/21/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 10:58 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.53	91	144	N.D.	
78)	1,3,5-Trimethylbenzene	10.65	105	294	N.D.	
79)	4-Chlorotoluene	10.65	91	386	N.D.	
80)	tert-Butylbenzene	10.97	119	200	N.D.	
81)	1,2,4-Trimethylbenzene	11.02	105	355	N.D.	
82)	sec-butylbenzene	11.18	105	574	N.D.	
83)	4-Isopropyltoluene	11.34	119	681	N.D.	
84)	1,3-Dichlorobenzene	11.27	146	208	N.D.	
85)	1,4-Dichlorobenzene	11.35	146	296	N.D.	
86)	n-Butylbenzene	11.74	91	654	N.D.	
87)	1,2-Dichlorobenzene	11.72	146	81	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	13.32	180	355	N.D.	
90)	Hexachlorobutadiene	13.49	225	254	N.D.	
91)	Naphthalene	13.55	128	343	N.D.	
92)	1,2,3-Trichlorobenzene	13.79	180	237	N.D.	

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-5

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

SDG No.: JPL25 Run Sequence: R012939

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1129017.D

Level: (LOW/MED) Date Collected: 11/28/2006

% Moisture: not dec. Date/Time Analyzed: 11/29/2006 17:47

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	0.73	
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	0.62	
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-24-5

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

SDG No.: JPL25 Run Sequence: R012939

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1129017.D

Level: (LOW/MED) Date Collected: 11/28/2006

% Moisture: not dec. Date/Time Analyzed: 11/29/2006 17:47

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	0.51	
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-24-5

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

SDG No.: JPL25 Run Sequence: R012939

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-008

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1129017.D

Level: (LOW/MED) _____ Date Collected: 11/28/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/29/2006 17:47

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

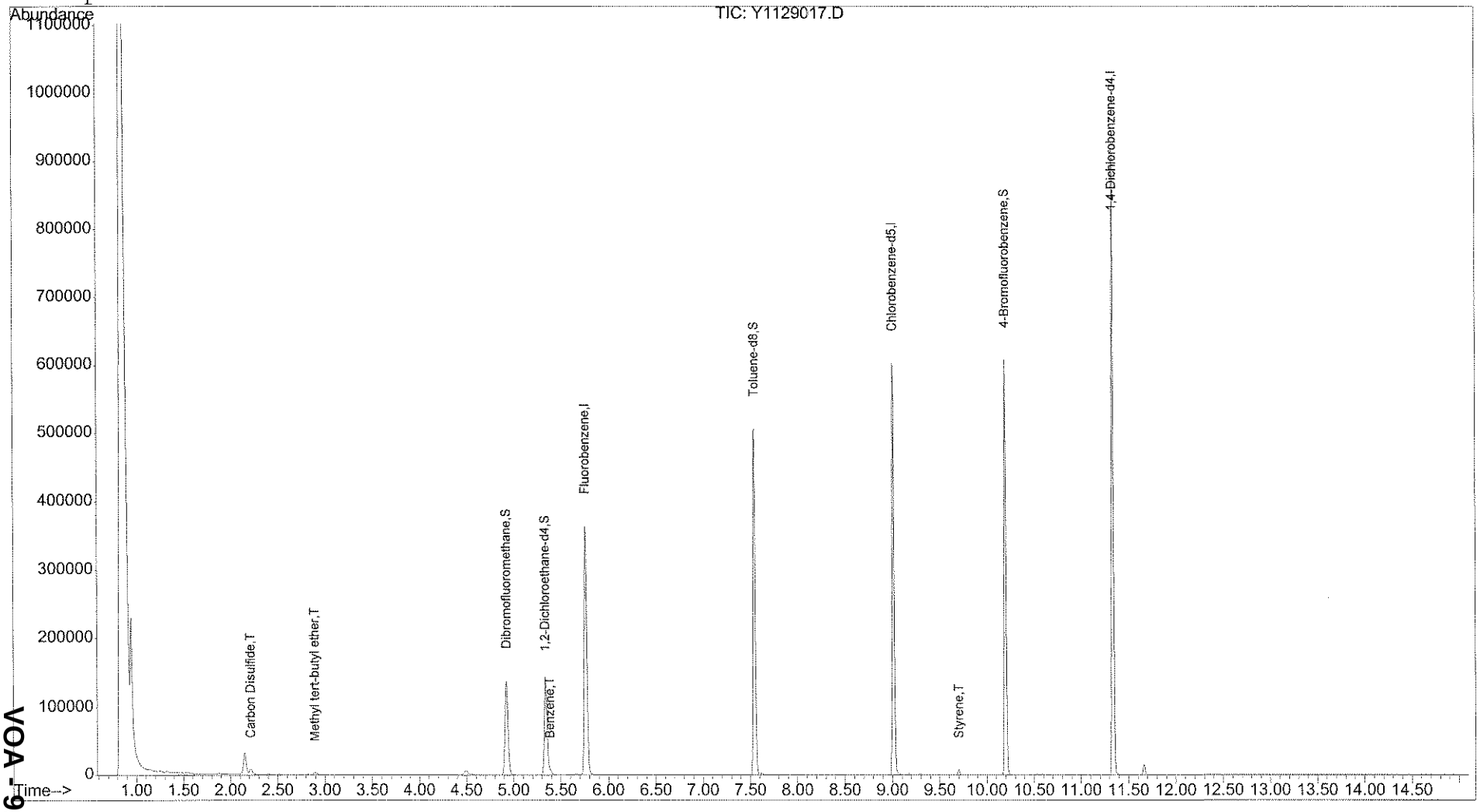
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129017.D Vial: 30
Acq On : 29 Nov 2006 17:47 Operator: LH
Sample : JPL25-008 MW-24-5 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 11:10 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129017.D Vial: 30
Acq On : 29 Nov 2006 17:47 Operator: LH
Sample : JPL25-008 MW-24-5 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 11:10 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	338925	50.00	ug/l	0.00 86.08%
50) Chlorobenzene-d5	9.01	82	157002	50.00	ug/l	0.00 95.19%
70) 1,4-Dichlorobenzene-d4	11.34	152	205619	50.00	ug/l	0.00 84.41%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	100589	50.00	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	103711	57.86	ug/l	0.00
51) Toluene-d8	7.55	98	305295	48.03	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	162279	55.59	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	1.16	62	424	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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	13313	2.20	ug/l	100
15) Acetonitrile	0.00	40	0	N.D. d		
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.51	84	483	~~Below Cal~~ #		69
19) Methyl tert-butyl ether	2.89	73	4881	0.73	ug/l	96
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D. d		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

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

4.5 ug/m3 as

Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129017.D
Acq On : 29 Nov 2006 17:47
Sample : JPL25-008 MW-24-5
Misc : 5mL+IS/SS #3
MS Integration Params: rteint.p
Quant Time: Nov 30 11:10 2006

Vial: 30
Operator: LH
Inst : yoda
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.39	78	5494	0.62 ug/l	100
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D. d	
42)	Trichloroethene	6.20	130	57	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	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	447	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D. d	
58)	1,3-Dichloropropane	0.00	76	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)	Ethylbenzene	9.17	91	2017	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	718	N.D.	
66)	o-xylene	9.69	106	69	N.D.	
67)	Styrene	9.70	104	3279	0.51 ug/l	89
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.06	105	168	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

LH 11/30/06

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

Quantitation Report

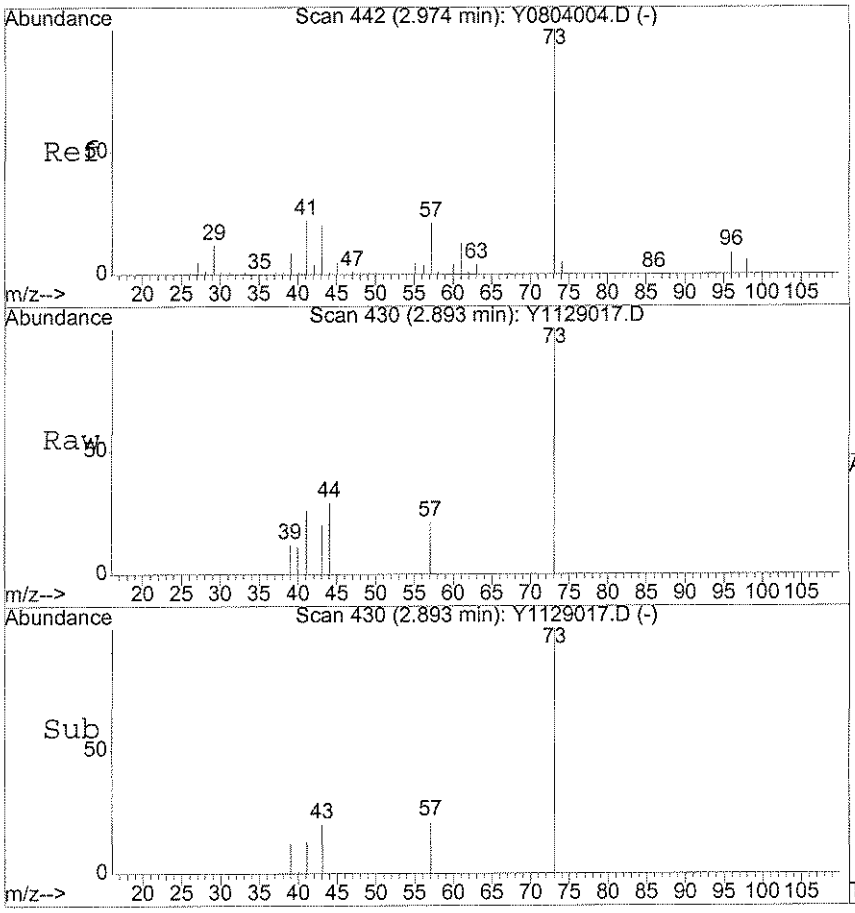
Data File : X:\MSVOA\YODA\112906\Y1129017.D
Acq On : 29 Nov 2006 17:47
Sample : JPL25-008 MW-24-5
Misc : 5mL+IS/SS #3
MS Integration Params: rteint.p
Quant Time: Nov 30 11:10 2006

Vial: 30
Operator: LH
Inst : yoda
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.47	91	173	N.D.	
78)	1,3,5-Trimethylbenzene	10.65	105	189	N.D.	
79)	4-Chlorotoluene	10.64	91	76	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.02	105	444	N.D.	
82)	sec-butylbenzene	11.18	105	121	N.D.	
83)	4-Isopropyltoluene	11.34	119	276	N.D.	
84)	1,3-Dichlorobenzene	11.27	146	60	N.D.	
85)	1,4-Dichlorobenzene	11.27	146	60	N.D.	
86)	n-Butylbenzene	11.74	91	269	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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	13.50	225	55	N.D.	
91)	Naphthalene	13.55	128	390	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

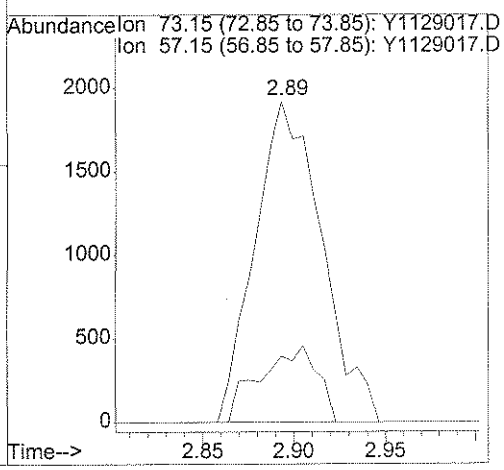
(#) = qualifier out of range (m) = manual integration

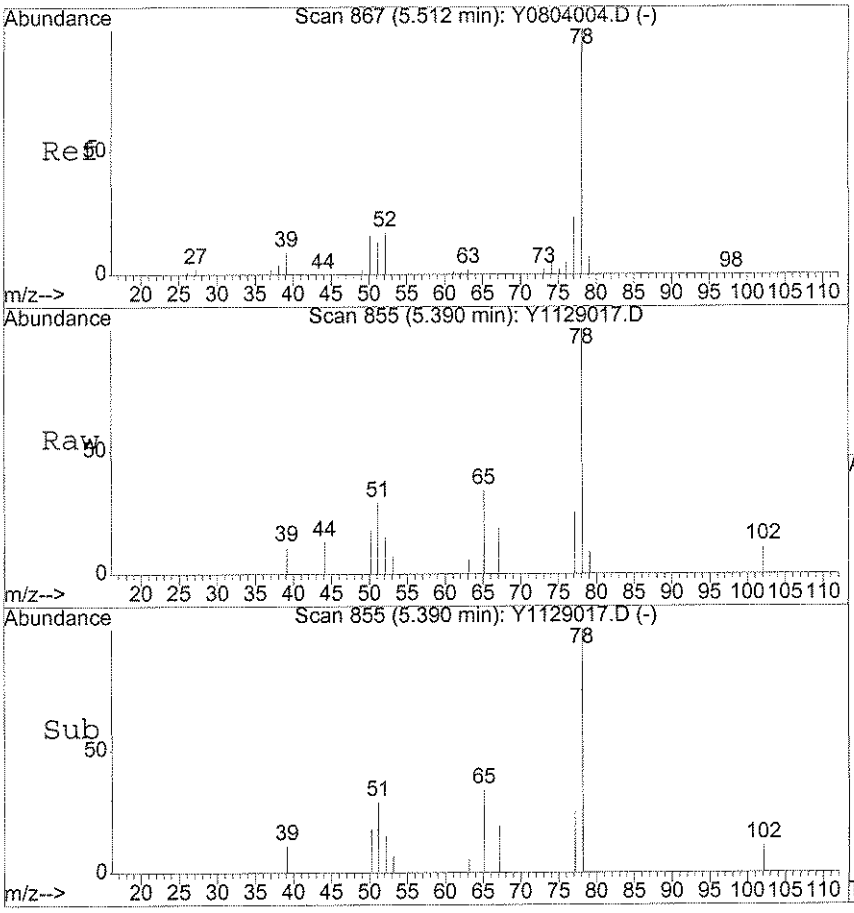


#19
Methyl tert-butyl ether
Concen: 0.73 ug/l
RT: 2.89 min Scan# 430
Delta R.T. -0.01 min
Lab File: Y1129017.D
Acq: 29 Nov 2006 17:47

Tgt Ion: 73 Resp: 4881

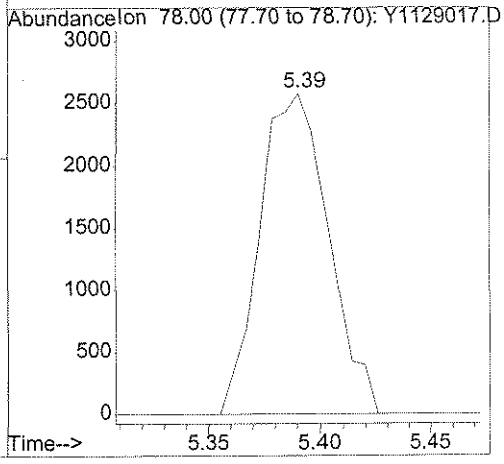
Ion	Ratio	Lower	Upper
73	100		
57	20.4	17.8	26.6

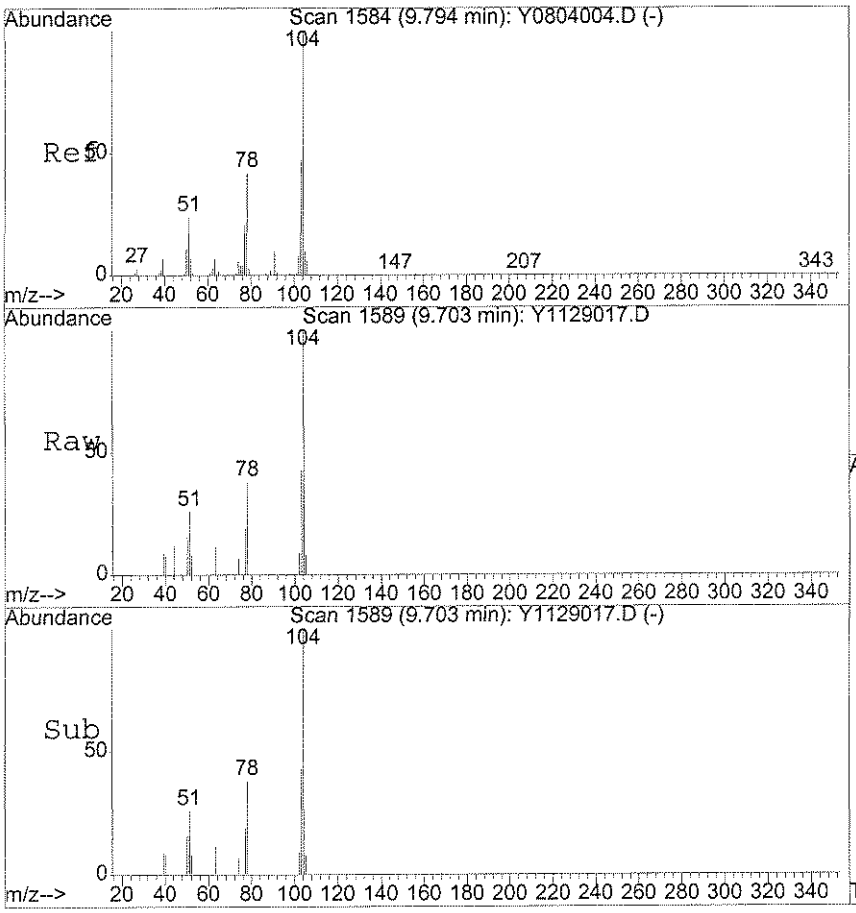




#39
Benzene
Concen: 0.62 ug/l
RT: 5.39 min Scan# 855
Delta R.T. -0.00 min
Lab File: Y1129017.D
Acq: 29 Nov 2006 17:47

Tgt Ion: 78 Resp: 5494

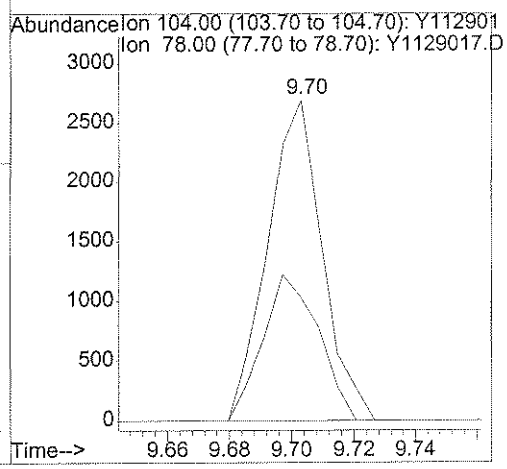




#67
Styrene
Concen: 0.51 ug/l
RT: 9.70 min Scan# 1589
Delta R.T. -0.00 min
Lab File: Y1129017.D
Acq: 29 Nov 2006 17:47

Tgt Ion:104 Resp: 3279

Ion	Ratio	Lower	Upper
104	100		
78	46.5	19.7	59.7



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-4

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201009.D

Level: (LOW/MED) Date Collected: 11/28/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 15:13

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-4

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201009.D

Level: (LOW/MED) _____ Date Collected: 11/28/2006

% Moisture: not dec. _____ Date/Time Analyzed: 12/01/2006 15:13

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-24-4

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-009

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201009.D

Level: (LOW/MED) Date Collected: 11/28/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 15:13

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

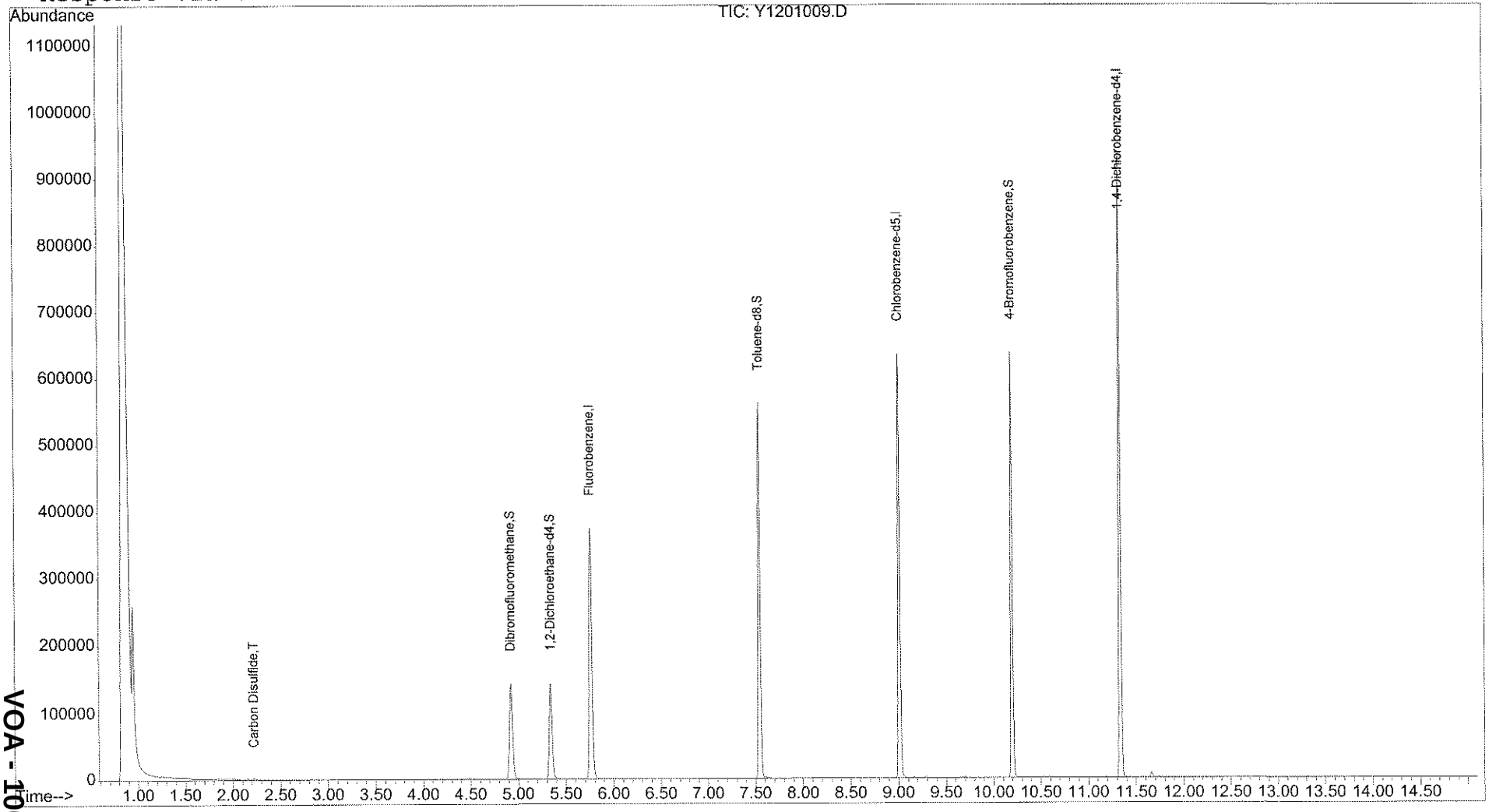
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201009.D Vial: 22
Acq On : 1 Dec 2006 15:13 Operator: LH
Sample : JPL25-009 MW-24-4 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:13 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 100

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201009.D Vial: 22
Acq On : 1 Dec 2006 15:13 Operator: LH
Sample : JPL25-009 MW-24-4 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:13 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	352076	50.00 ug/l	0.00 89.42%
50) Chlorobenzene-d5	9.01	82	168412	50.00 ug/l	0.00 102.11%
70) 1,4-Dichlorobenzene-d4	11.34	152	211969	50.00 ug/l	0.00 87.02%
System Monitoring Compounds					
32) Dibromofluoromethane	4.93	111	103371	49.46 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	108274	58.15 ug/l	0.00
51) Toluene-d8	7.55	98	329325	48.30 ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	171294	56.92 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) 1,1-Dichloroethene	0.00	96	0	N.D.	
9) Acrolein	0.00	56	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.16	43	232	~~Below Cal #~~	~~41~~
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.22	76	3706	0.59 ug/l	100
15) Acetonitrile	0.00	40	0	N.D. d	
16) Allyl chloride	0.00	76	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	0.00	84	0	N.D.	
19) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	2.83	53	68	N.D.	
22) Vinyl acetate	0.00	43	0	N.D.	
23) 1,1-Dichloroethane	0.00	63	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.	

LJ 12/4/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201009.D Vial: 22
Acq On : 1 Dec 2006 15:13 Operator: LH
Sample : JPL25-009 MW-24-4 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:13 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
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.		
33)	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)	Methyl methacrylate	0.00	41	0	N.D.		
37)	1,1-Dichloropropene	0.00	75	0	N.D.		
39)	Benzene	5.38	78	579	N.D.		
40)	1,2-Dichloroethane	0.00	62	0	N.D.		
41)	Isobutanol	0.00	43	0	N.D.		
42)	Trichloroethene	0.00	130	0	N.D.		
43)	Methylcyclohexane	0.00	83	0	N.D.		
44)	1,2-Dichloropropane	0.00	63	0	N.D.		
45)	Dibromomethane	0.00	93	0	N.D.		
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
47)	Bromodichloromethane	0.00	83	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	7.54	43	1393	~~Below Cal # 1~~		
52)	Toluene	7.61	92	372	N.D.		
53)	Ethyl methacrylate	0.00	69	0	N.D.		
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	2-Hexanone	0.00	43	0	N.D.		
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	1045	N.D.		
63)	Ethylbenzene	9.17	91	1045	N.D.		
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
65)	m,p-Xylene	9.30	106	648	N.D.		
66)	o-xylene	9.68	106	224	N.D.		
67)	Styrene	9.70	104	828	N.D.		
68)	Bromoform	0.00	173	0	N.D.		
69)	Isopropylbenzene	10.06	105	294	N.D.		
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
73)	n-Propylbenzene	10.65	120	57	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201009.D Vial: 22
Acq On : 1 Dec 2006 15:13 Operator: LH
Sample : JPL25-009 MW-24-4 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:13 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.54	91	184	N.D.	
78)	1,3,5-Trimethylbenzene	10.65	105	317	N.D.	
79)	4-Chlorotoluene	10.64	91	347	N.D.	
80)	tert-Butylbenzene	10.97	119	216	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	466	N.D.	
82)	sec-butylbenzene	11.18	105	635	N.D.	
83)	4-Isopropyltoluene	11.34	119	683	N.D.	
84)	1,3-Dichlorobenzene	11.27	146	146	N.D.	
85)	1,4-Dichlorobenzene	11.36	146	273	N.D.	
86)	n-Butylbenzene	11.74	91	691	N.D.	
87)	1,2-Dichlorobenzene	11.72	146	66	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	13.31	180	266	N.D.	
90)	Hexachlorobutadiene	13.50	225	161	N.D.	
91)	Naphthalene	13.55	128	350	N.D.	
92)	1,2,3-Trichlorobenzene	13.79	180	227	N.D.	

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-3

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-010

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201010.D

Level: (LOW/MED) Date Collected: 11/28/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 15:38

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-24-3

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-010

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201010.D

Level: (LOW/MED) Date Collected: 11/28/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 15:38

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-3

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-010

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201010.D

Level: (LOW/MED) _____ Date Collected: 11/28/2006

% Moisture: not dec. _____ Date/Time Analyzed: 12/01/2006 15:38

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

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

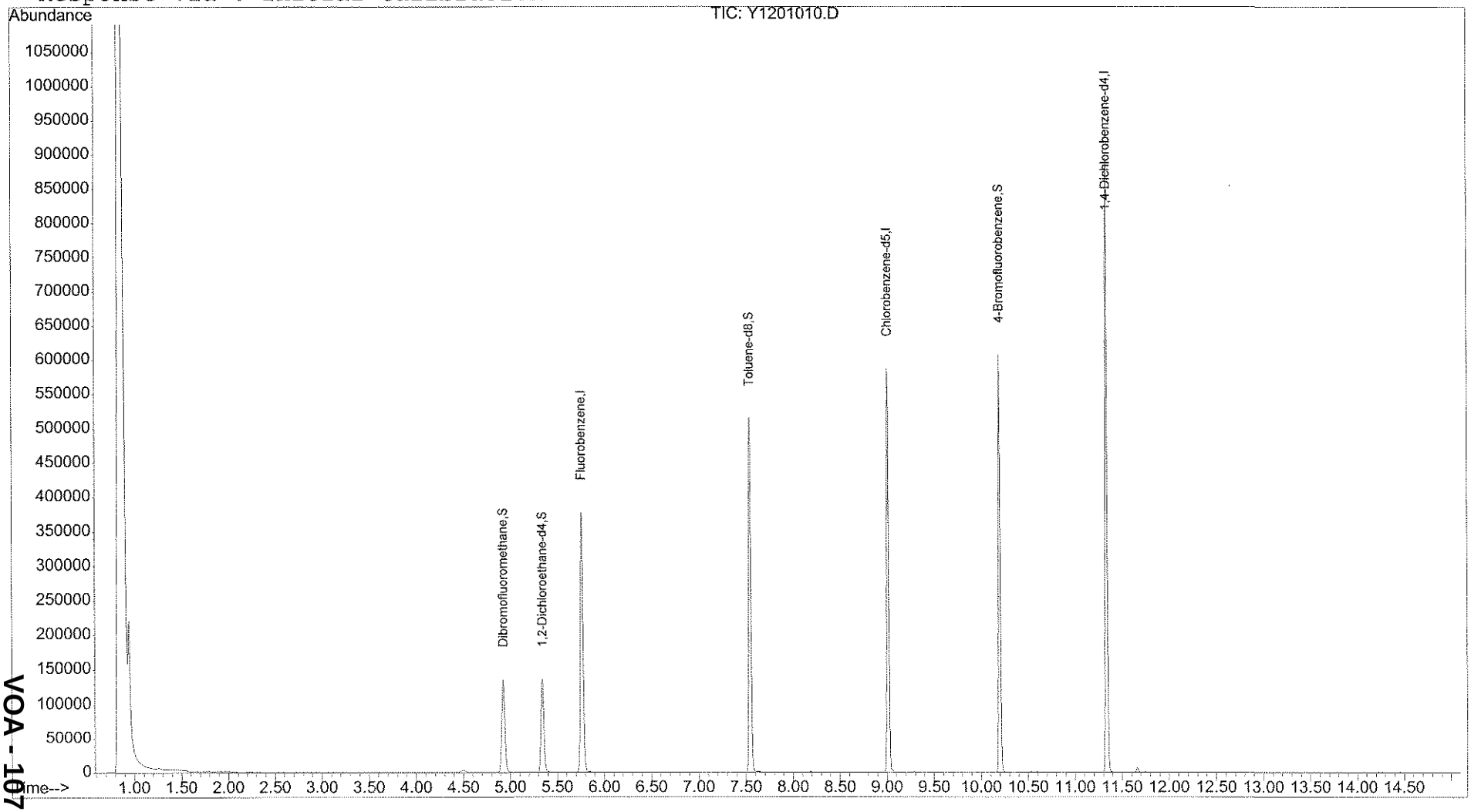
Heated Purge: (Y/N) N

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:

Data File : X:\MSVOA\YODA\120106\Y1201010.D Vial: 23
Acq On : 1 Dec 2006 15:38 Operator: LH
Sample : JPL25-010 MW-24-3 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:14 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 107

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201010.D Vial: 23
Acq On : 1 Dec 2006 15:38 Operator: LH
Sample : JPL25-010 MW-24-3 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:14 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	346353	50.00	ug/l	0.00 87.96%
50) Chlorobenzene-d5	9.01	82	151578	50.00	ug/l	0.00 91.90%
70) 1,4-Dichlorobenzene-d4	11.34	152	204691	50.00	ug/l	0.00 84.03%
System Monitoring Compounds						
32) Dibromofluoromethane	4.92	111	98804	48.06	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	104350	56.96	ug/l	0.00
51) Toluene-d8	7.54	98	310467	50.59	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	158165	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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	2139	N.D.		
15) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201010.D Vial: 23
Acq On : 1 Dec 2006 15:38 Operator: LH
Sample : JPL25-010 MW-24-3 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:14 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.39	78	53	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1325	~~Below Cal # 1~~	
52)	Toluene	0.00	92	0	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	463	N.D.	
63)	Ethylbenzene	9.17	91	463	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	300	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	9.70	104	148	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.07	105	116	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

LH 12/4/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201010.D Vial: 23
Acq On : 1 Dec 2006 15:38 Operator: LH
Sample : JPL25-010 MW-24-3 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:14 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.47	91	313	N.D.	
78)	1,3,5-Trimethylbenzene	10.65	105	71	N.D.	
79)	4-Chlorotoluene	10.64	91	124	N.D.	
80)	tert-Butylbenzene	10.96	119	56	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	214	N.D.	
82)	sec-butylbenzene	11.19	105	308	N.D.	
83)	4-Isopropyltoluene	11.34	119	325	N.D.	
84)	1,3-Dichlorobenzene	11.27	146	218	N.D.	
85)	1,4-Dichlorobenzene	11.35	146	154	N.D.	
86)	n-Butylbenzene	11.74	91	414	N.D.	
87)	1,2-Dichlorobenzene	11.72	146	56	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	13.31	180	131	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	13.55	128	194	N.D.	
92)	1,2,3-Trichlorobenzene	13.79	180	89	N.D.	

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-2

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201011.D

Level: (LOW/MED) Date Collected: 11/28/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 16:03

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	0.68	
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	0.50	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-24-2

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201011.D

Level: (LOW/MED) Date Collected: 11/28/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 16:03

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-24-2

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-011

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201011.D

Level: (LOW/MED) Date Collected: 11/28/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 16:03

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

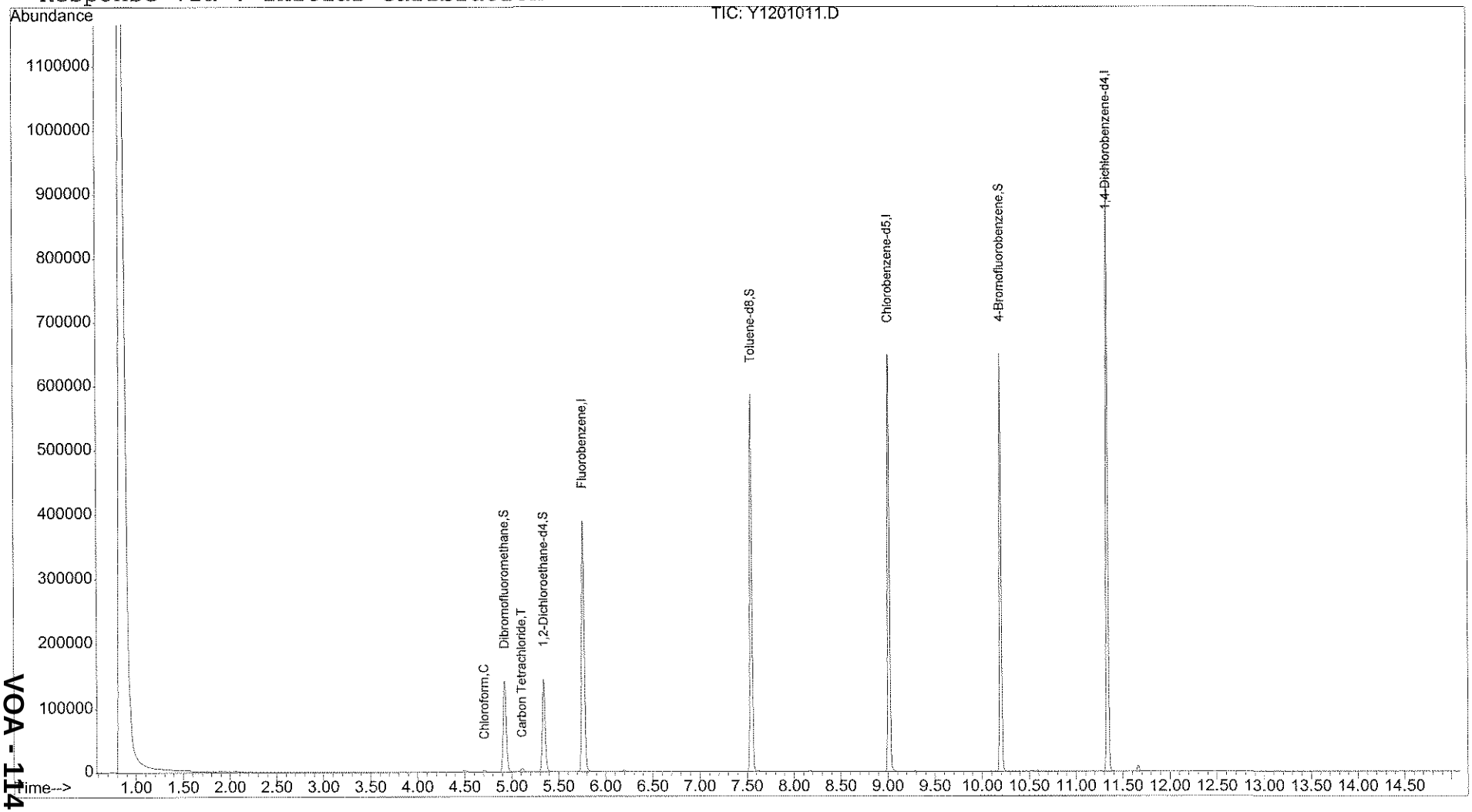
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201011.D Vial: 24
Acq On : 1 Dec 2006 16:03 Operator: LH
Sample : JPL25-011 MW-24-2 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:12 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 114

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201011.D Vial: 24
Acq On : 1 Dec 2006 16:03 Operator: LH
Sample : JPL25-011 MW-24-2 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:12 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	366989	50.00 ug/l	0.00 93.20%
50) Chlorobenzene-d5	9.01	82	174015	50.00 ug/l	0.00 105.51%
70) 1,4-Dichlorobenzene-d4	11.34	152	214553	50.00 ug/l	0.00 88.08%
System Monitoring Compounds					
32) Dibromofluoromethane	4.92	111	103502	47.51 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	110242	56.80 ug/l	0.00
51) Toluene-d8	7.55	98	351199	49.85 ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	174009	57.12 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) 1,1-Dichloroethene	0.00	96	0	N.D.	
9) Acrolein	0.00	56	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	785	N.D.	
15) Acetonitrile	2.40	40	62	N.D.	
16) Allyl chloride	0.00	76	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.52	84	55	~~Below Cal~~ # 1	
19) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	0.00	53	0	N.D.	
22) Vinyl acetate	0.00	43	0	N.D.	
23) 1,1-Dichloroethane	3.33	63	483	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.	

LH 12/4/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201011.D Vial: 24
Acq On : 1 Dec 2006 16:03 Operator: LH
Sample : JPL25-011 MW-24-2 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:12 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	3078	0.68 ug/l	95
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	0.00	56	0	N.D.	
35)	Carbon Tetrachloride	5.11	117	3921	1.31 ug/l	95
36)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.38	78	59	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	6.20	130	680	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.55	43	1586	~~Below Cal # 1~~ N.D.	
52)	Toluene	0.00	92	0	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	8.16	166	445	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	242	N.D.	
63)	Ethylbenzene	9.17	91	242	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.30	106	374	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.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

LH 12/4/06

LH 12/4/06

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

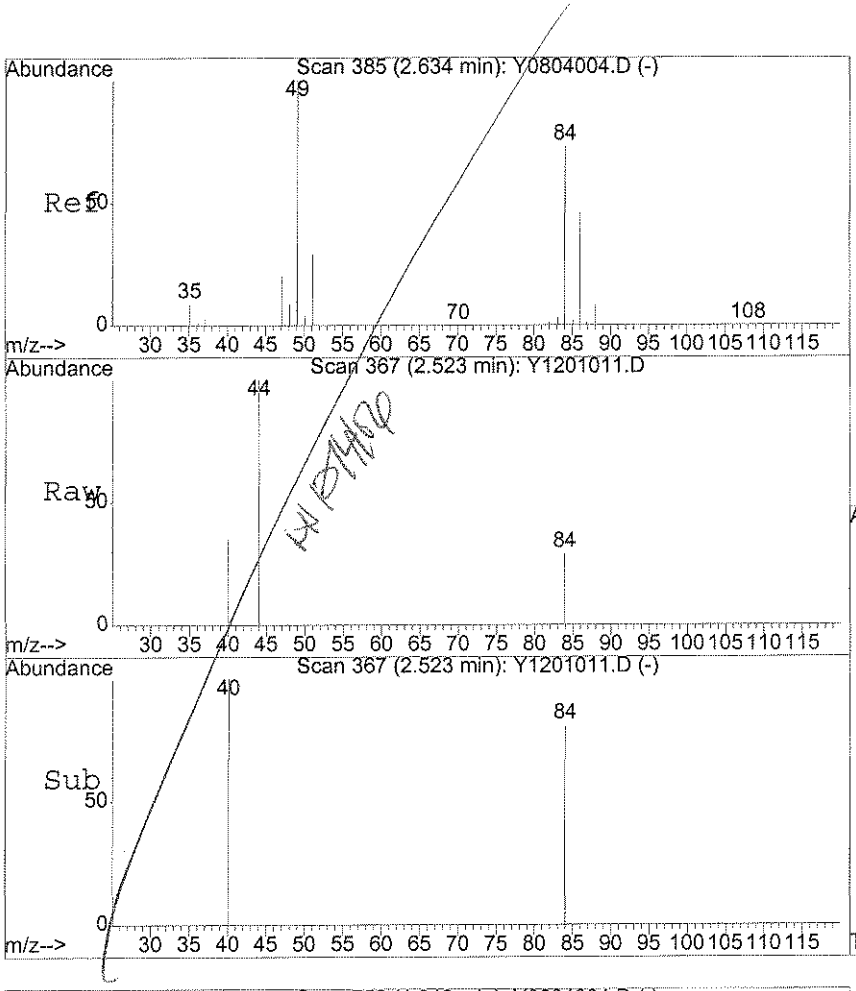
Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201011.D Vial: 24
Acq On : 1 Dec 2006 16:03 Operator: LH
Sample : JPL25-011 MW-24-2 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:12 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.53	91	61	N.D.	
78)	1,3,5-Trimethylbenzene	10.66	105	127	N.D.	
79)	4-Chlorotoluene	10.65	91	139	N.D.	
80)	tert-Butylbenzene	10.97	119	55	N.D.	
81)	1,2,4-Trimethylbenzene	11.02	105	145	N.D.	
82)	sec-butylbenzene	11.18	105	329	N.D.	
83)	4-Isopropyltoluene	11.34	119	420	N.D.	
84)	1,3-Dichlorobenzene	11.27	146	511	N.D.	
85)	1,4-Dichlorobenzene	11.36	146	241	N.D.	
86)	n-Butylbenzene	11.74	91	427	N.D.	
87)	1,2-Dichlorobenzene	11.72	146	165	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	13.31	180	226	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	13.55	128	72	N.D.	
92)	1,2,3-Trichlorobenzene	13.78	180	298	N.D.	

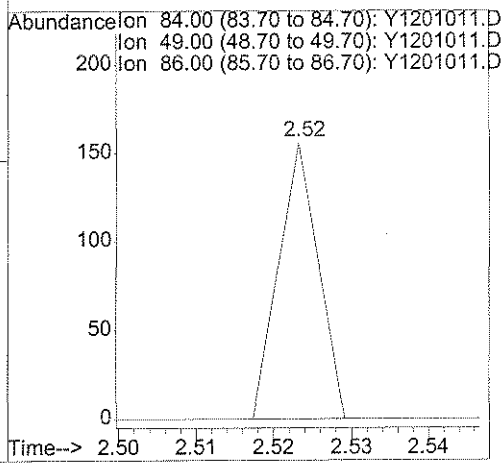
(#) = qualifier out of range (m) = manual integration

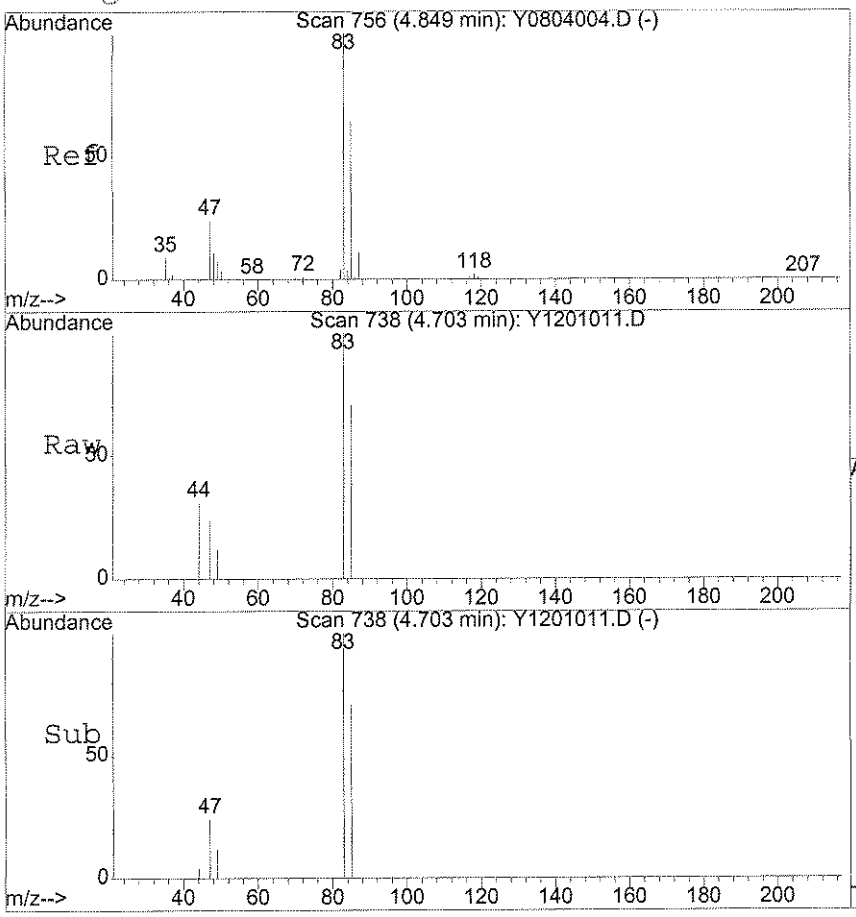


#18
Methylene Chloride
Concen: Below Cal
RT: 2.52 min Scan# 367
Delta R.T. 0.01 min
Lab File: Y1201011.D
Acq: 1 Dec 2006 16:03

Tgt Ion: 84 Resp: 55

Ion	Ratio	Lower	Upper
84	100		
49	0.0	100.9	140.9#
86	0.0	43.3	83.3#

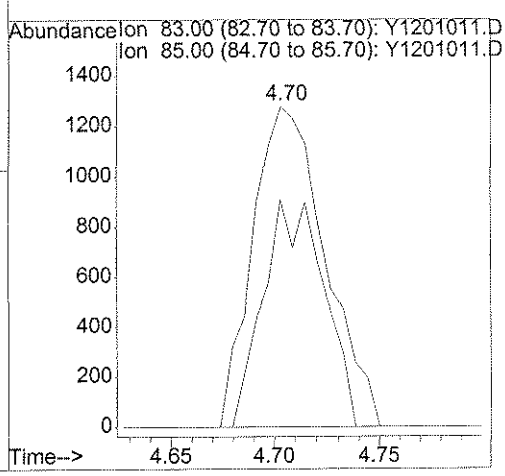


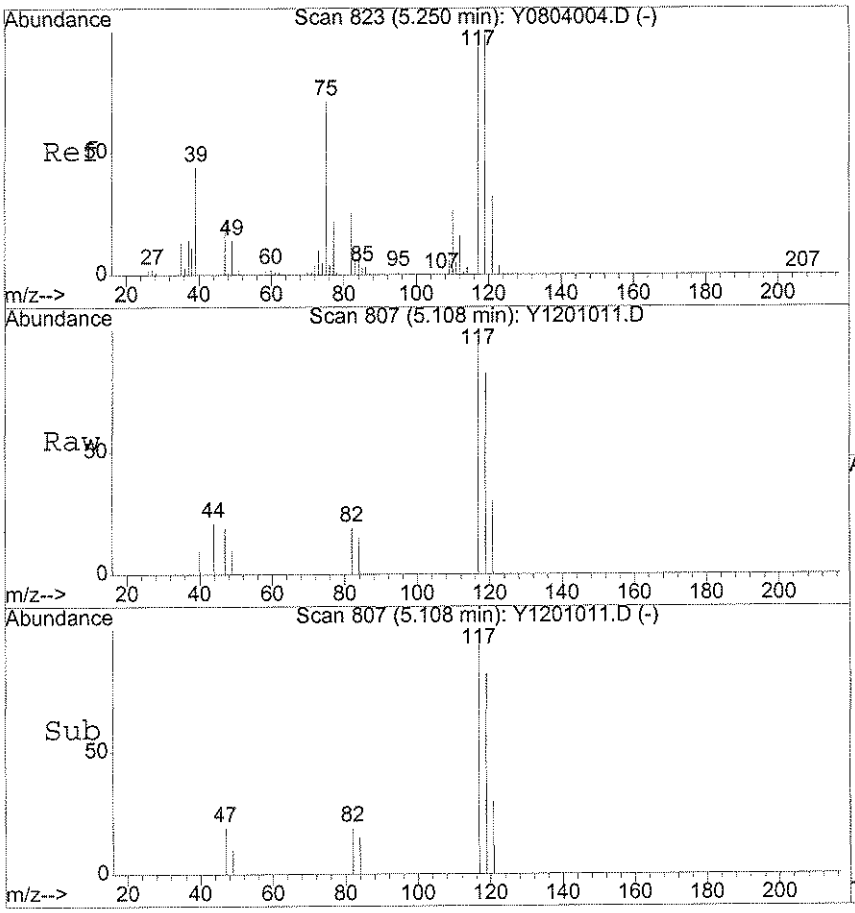


#31
Chloroform
Concen: 0.68 ug/l
RT: 4.70 min Scan# 738
Delta R.T. -0.01 min
Lab File: Y1201011.D
Acq: 1 Dec 2006 16:03

Tgt Ion: 83 Resp: 3078

Ion	Ratio	Lower	Upper
83	100		
85	59.3	43.3	83.3

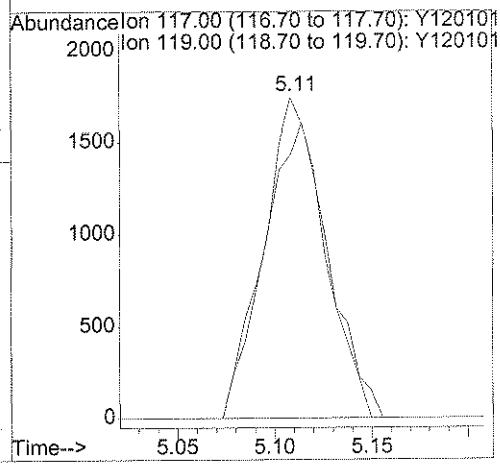


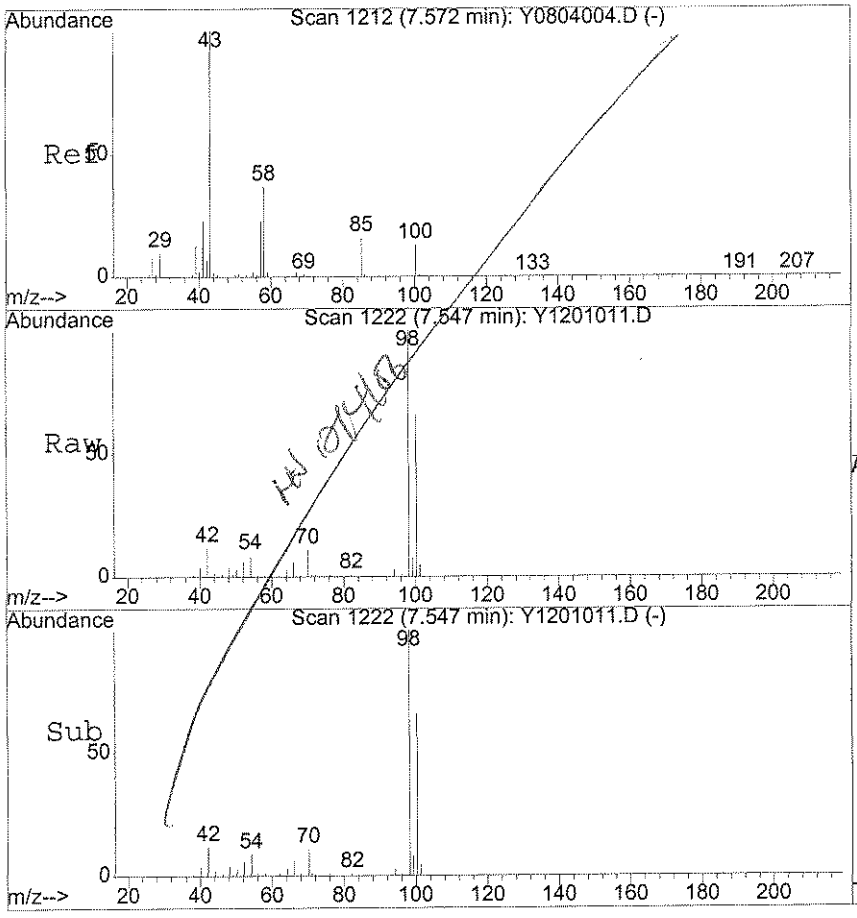


#35
Carbon Tetrachloride
Concen: 1.31 ug/l
RT: 5.11 min Scan# 807
Delta R.T. 0.00 min
Lab File: Y1201011.D
Acq: 1 Dec 2006 16:03

Tgt Ion:117 Resp: 3921

Ion	Ratio	Lower	Upper
117	100		
119	93.0	78.2	118.2

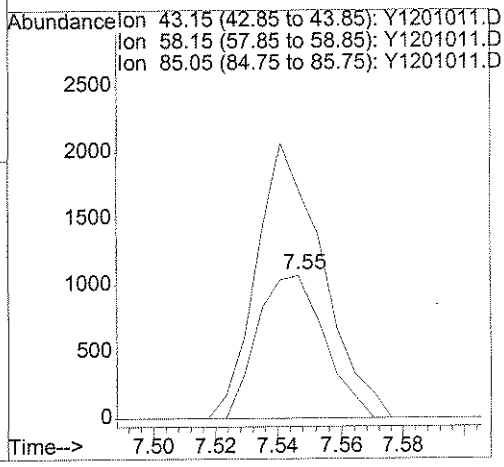




#49
4-Methyl-2-pentanone
Concen: Below Cal
RT: 7.55 min Scan# 1222
Delta R.T. 0.02 min
Lab File: Y1201011.D
Acq: 1 Dec 2006 16:03

Tgt Ion: 43 Resp: 1586

Ion	Ratio	Lower	Upper
43	100		
58	190.5	34.3	51.5#
85	0.0	14.3	21.5#



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-1

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201012.D

Level: (LOW/MED) Date Collected: 11/28/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 16:27

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	0.96	
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	0.50	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-24-1

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201012.D

Level: (LOW/MED) Date Collected: 11/28/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 16:27

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	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-24-1

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-012

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201012.D

Level: (LOW/MED) Date Collected: 11/28/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 16:27

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

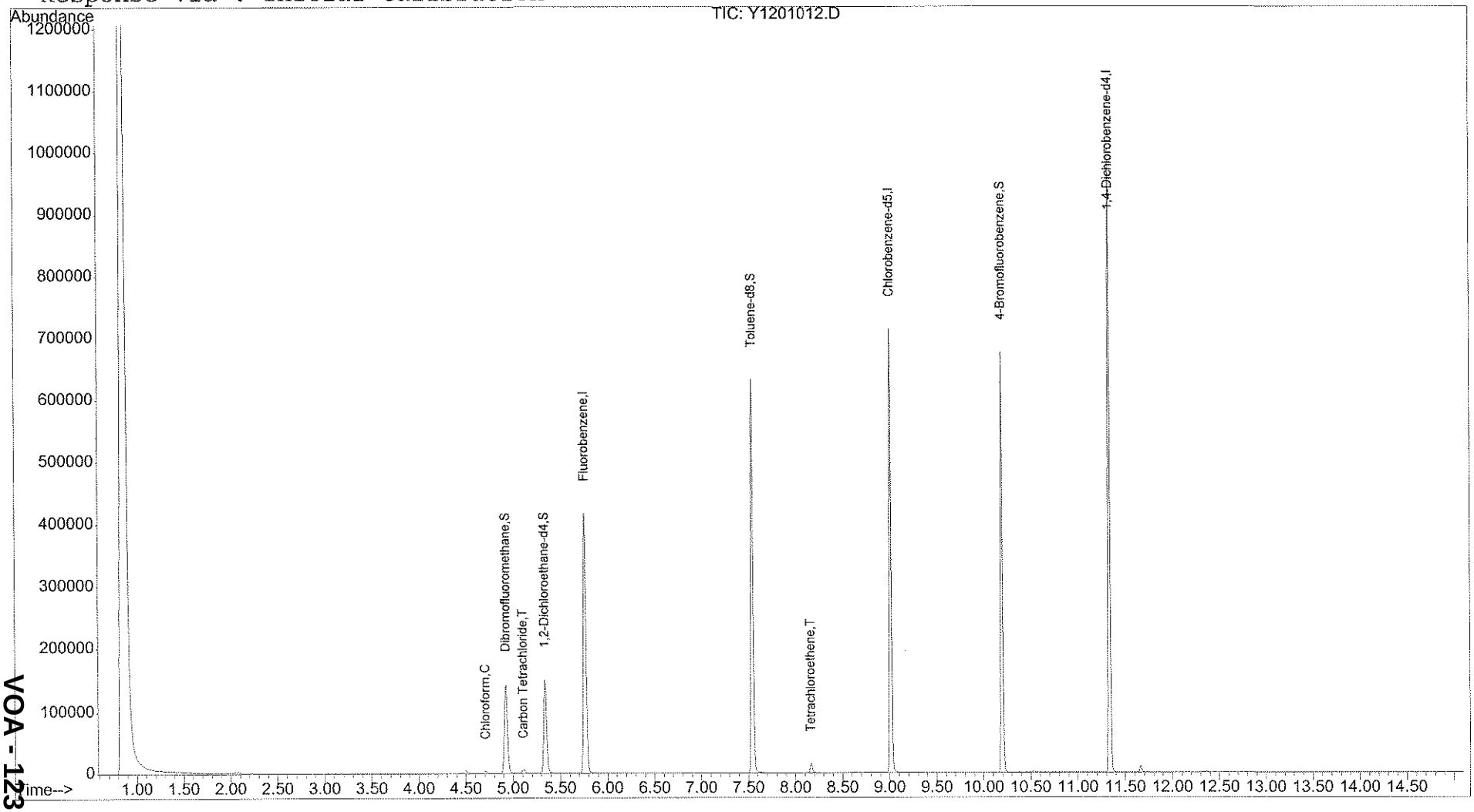
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201012.D Vial: 25
Acq On : 1 Dec 2006 16:27 Operator: LH
Sample : JPL25-012 MW-24-1 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:18 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 123

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201012.D Vial: 25
Acq On : 1 Dec 2006 16:27 Operator: LH
Sample : JPL25-012 MW-24-1 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:18 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	386698	50.00 ug/l	0.00 98.21%
50) Chlorobenzene-d5	9.01	82	187727	50.00 ug/l	0.00 113.82%
70) 1,4-Dichlorobenzene-d4	11.34	152	222926	50.00 ug/l	0.00 91.52%
System Monitoring Compounds					
32) Dibromofluoromethane	4.93	111	104715	45.62 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	114922	56.19 ug/l	0.00
51) Toluene-d8	7.55	98	379919	49.99 ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	180021	56.88 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) 1,1-Dichloroethene	2.04	96	600	N.D.	
9) Acrolein	0.00	56	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	2.09	101	1086	N.D.	
11) Acetone	2.15	43	166	Below Cal # 41	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.22	76	1091	N.D.	
15) Acetonitrile	0.00	40	0	N.D. d	
16) Allyl chloride	0.00	76	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	0.00	84	0	N.D.	
19) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	0.00	53	0	N.D.	
22) Vinyl acetate	0.00	43	0	N.D.	
23) 1,1-Dichloroethane	0.00	63	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.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201012.D
Acq On : 1 Dec 2006 16:27
Sample : JPL25-012 MW-24-1
Misc : 5mL+IS/SS #2
MS Integration Params: rteint.p
Quant Time: Dec 4 10:18 2006

Vial: 25
Operator: LH
Inst : yoda
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
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	4596	0.96	ug/l	100
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	5.11	117	4574	1.45	ug/l	98
36)	Methyl methacrylate	0.00	41	0	N.D.		
37)	1,1-Dichloropropene	0.00	75	0	N.D.		
39)	Benzene	0.00	78	0	N.D.		
40)	1,2-Dichloroethane	0.00	62	0	N.D.		
41)	Isobutanol	0.00	43	0	N.D.		
42)	Trichloroethene	0.00	130	0	N.D.		
43)	Methylcyclohexane	0.00	83	0	N.D.		
44)	1,2-Dichloropropane	0.00	63	0	N.D.		
45)	Dibromomethane	0.00	93	0	N.D.		
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
47)	Bromodichloromethane	0.00	83	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	7.55	43	1625	Below Cal	#	1
52)	Toluene	0.00	92	0	N.D.		
53)	Ethyl methacrylate	0.00	69	0	N.D.		
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	8.16	166	4087	1.47	ug/l	97
57)	2-Hexanone	0.00	43	0	N.D.		
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	250	N.D.		
63)	Ethylbenzene	9.17	91	250	N.D.		
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
65)	m,p-Xylene	9.29	106	287	N.D.		
66)	o-xylene	9.69	106	57	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		
69)	Isopropylbenzene	10.06	105	60	N.D.		
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
73)	n-Propylbenzene	0.00	120	0	N.D.		

LH P1/4/07

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

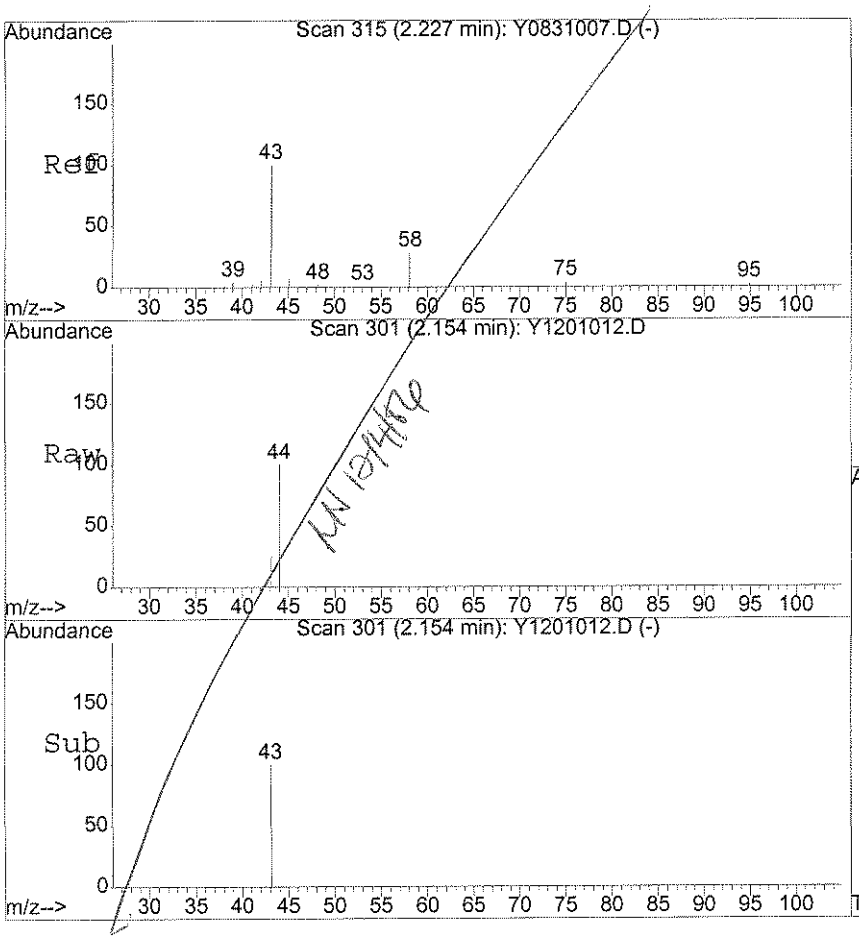
Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201012.D Vial: 25
Acq On : 1 Dec 2006 16:27 Operator: LH
Sample : JPL25-012 MW-24-1 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:18 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
75)	Bromobenzene	0.00	156	0	N.D.		
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
77)	2-Chlorotoluene	10.47	91	338	N.D.		
78)	1,3,5-Trimethylbenzene	10.65	105	57	N.D.		
79)	4-Chlorotoluene	10.65	91	116	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.01	105	147	N.D.		
82)	sec-butylbenzene	11.18	105	193	N.D.		
83)	4-Isopropyltoluene	11.34	119	461	N.D.		
84)	1,3-Dichlorobenzene	11.36	146	70	N.D.		
85)	1,4-Dichlorobenzene	11.36	146	70	N.D.		
86)	n-Butylbenzene	11.75	91	377	N.D.		
87)	1,2-Dichlorobenzene	0.00	146	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	13.55	128	183	N.D.		
92)	1,2,3-Trichlorobenzene	13.79	180	55	N.D.		

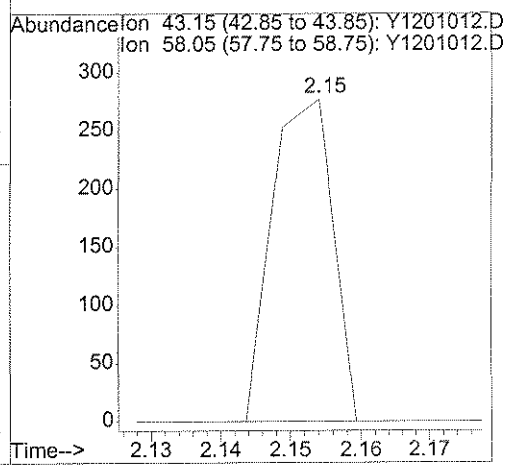
(#) = qualifier out of range (m) = manual integration

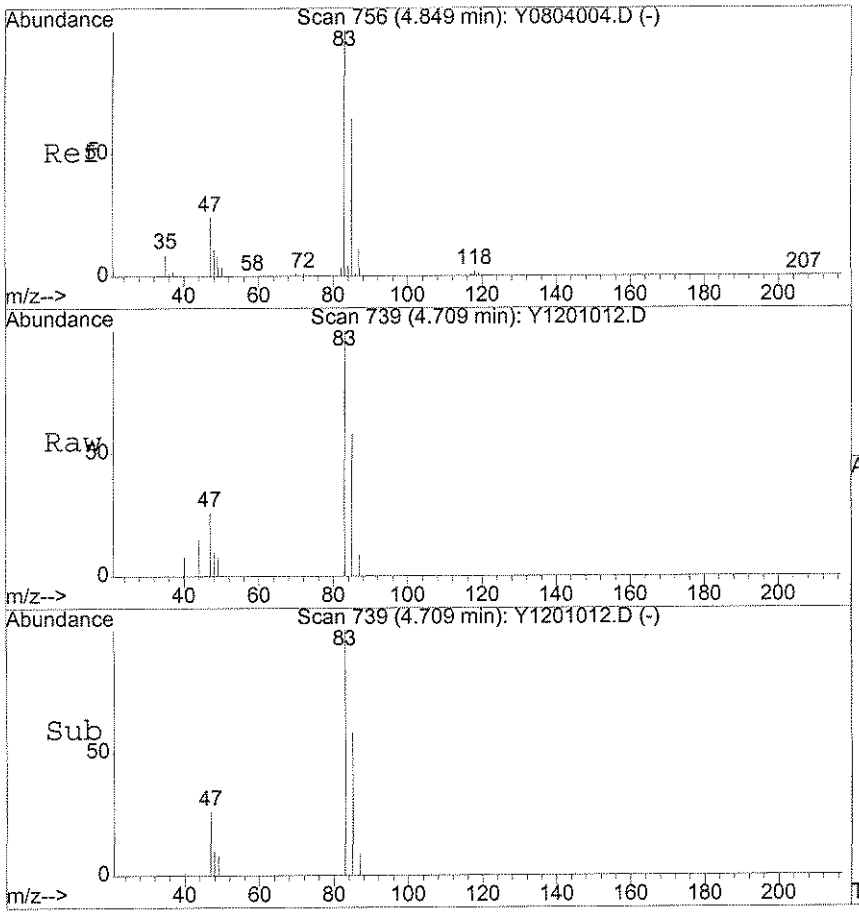


#11
Acetone
Concen: Below Cal
RT: 2.15 min Scan# 301
Delta R.T. -0.01 min
Lab File: Y1201012.D
Acq: 1 Dec 2006 16:27

Tgt Ion: 43 Resp: 166

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.8	40.2#

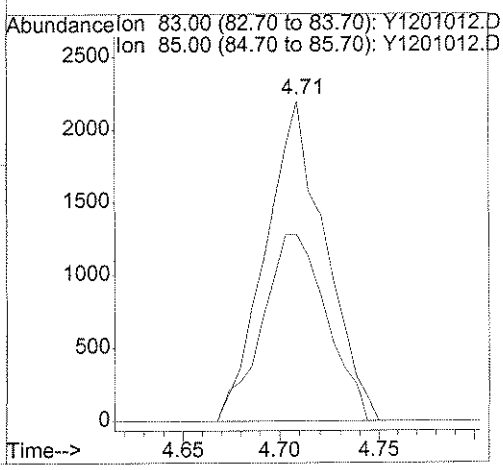


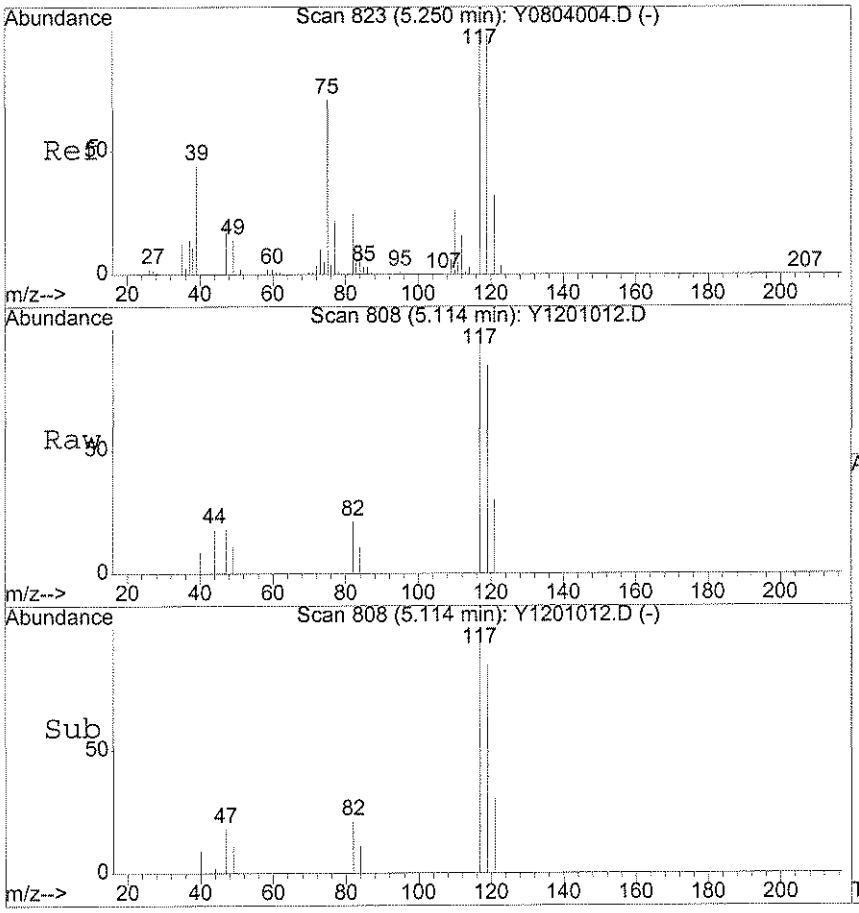


#31
Chloroform
Concen: 0.96 ug/l
RT: 4.71 min Scan# 739
Delta R.T. -0.00 min
Lab File: Y1201012.D
Acq: 1 Dec 2006 16:27

Tgt Ion: 83 Resp: 4596

Ion	Ratio	Lower	Upper
83	100		
85	63.0	43.3	83.3

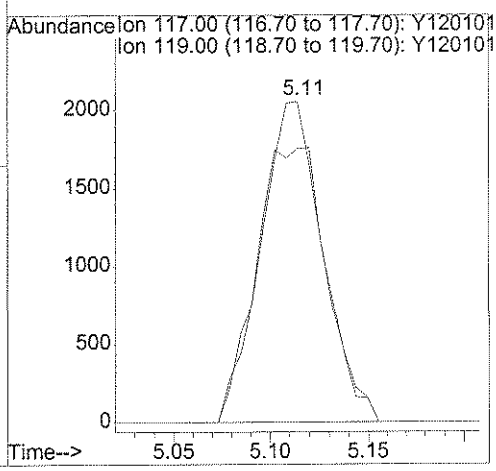


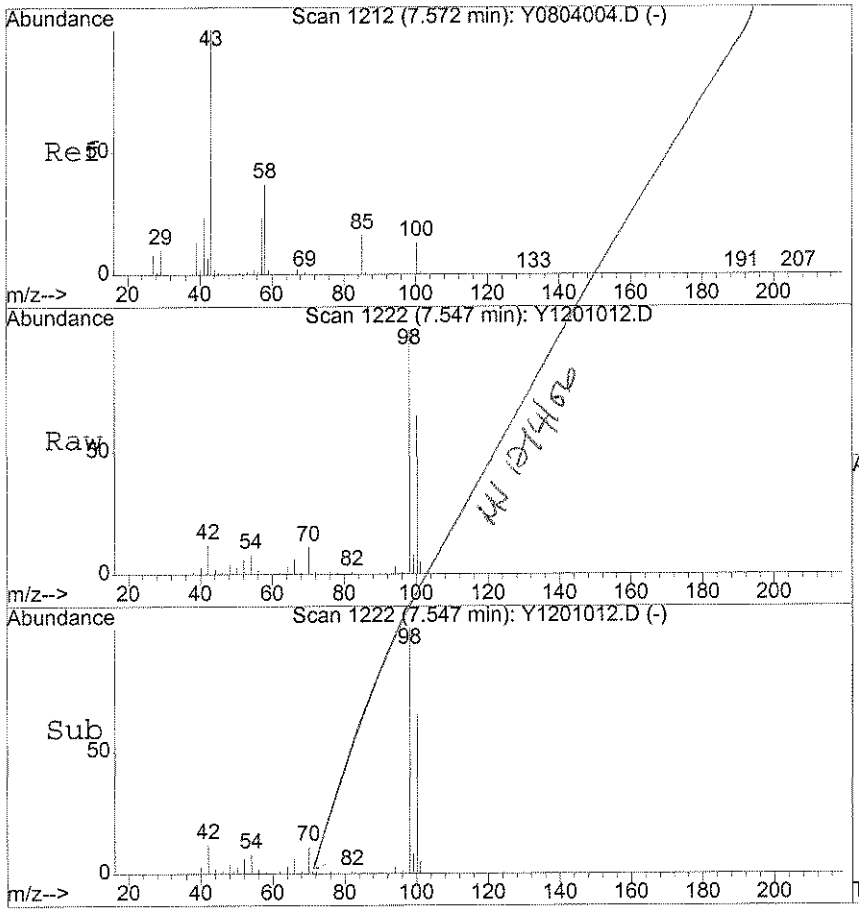


#35
Carbon Tetrachloride
Concen: 1.45 ug/l
RT: 5.11 min Scan# 808
Delta R.T. 0.01 min
Lab File: Y1201012.D
Acq: 1 Dec 2006 16:27

Tgt Ion:117 Resp: 4574

Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.2	118.2

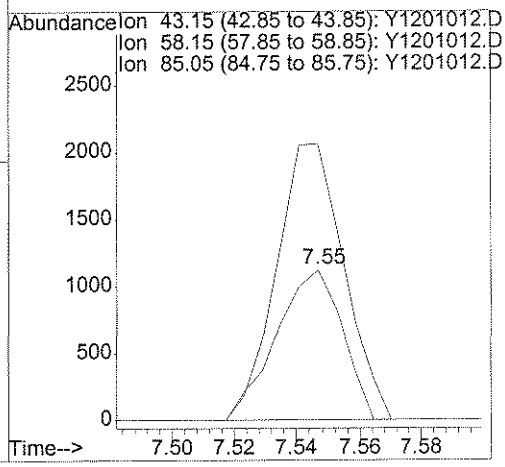


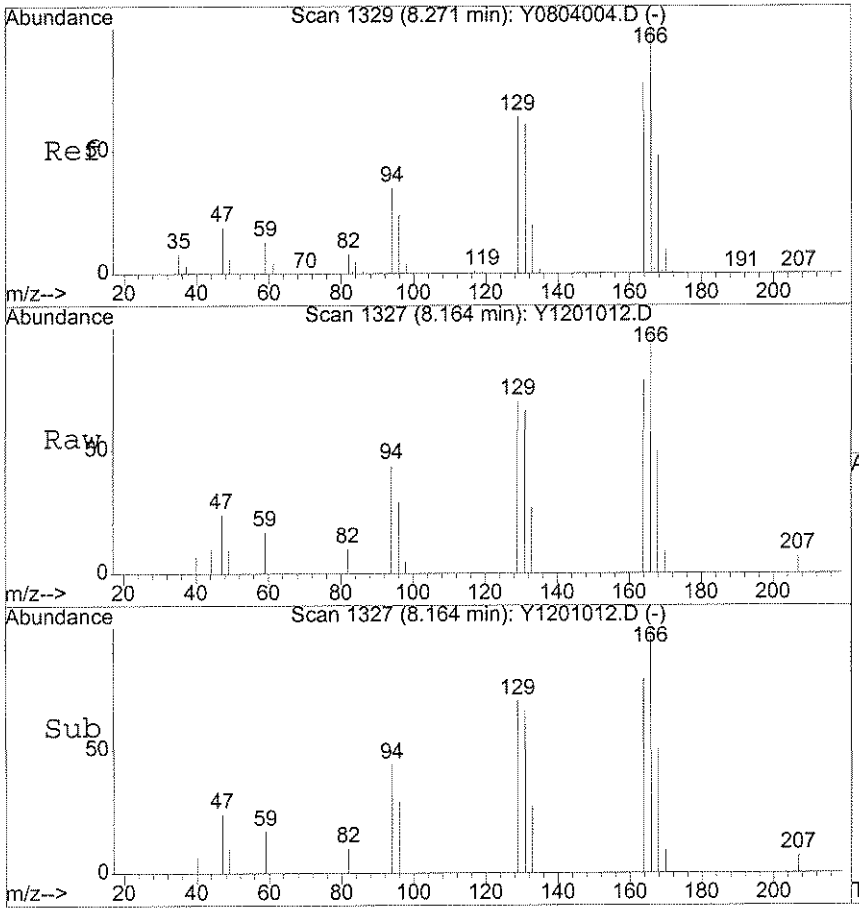


#49
4-Methyl-2-pentanone
Concen: Below Cal
RT: 7.55 min Scan# 1222
Delta R.T. 0.02 min
Lab File: Y1201012.D
Acq: 1 Dec 2006 16:27

Tgt Ion: 43 Resp: 1625

Ion	Ratio	Lower	Upper
43	100		
58	188.2	34.3	51.5#
85	0.0	14.3	21.5#

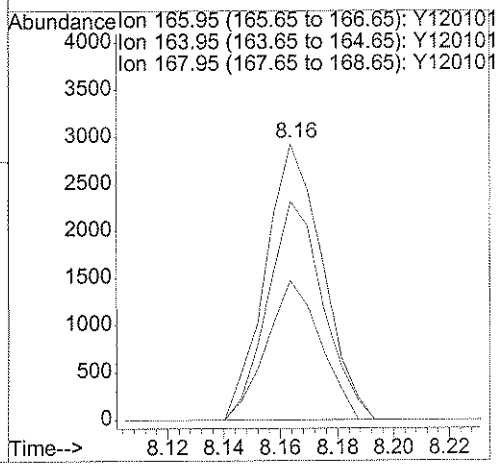




#56
Tetrachloroethene
Concen: 1.47 ug/l
RT: 8.16 min Scan# 1327
Delta R.T. -0.00 min
Lab File: Y1201012.D
Acq: 1 Dec 2006 16:27

Tgt Ion:166 Resp: 4087

Ion	Ratio	Lower	Upper
166	100		
164	76.8	63.3	94.9
168	47.4	39.6	59.4



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-19-11/28/06

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201013.D

Level: (LOW/MED) Date Collected: 11/28/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 16:51

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-19-11/28/06

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201013.D

Level: (LOW/MED) Date Collected: 11/28/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 16:51

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-19-11/28/06

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-013

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201013.D

Level: (LOW/MED) Date Collected: 11/28/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 16:51

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

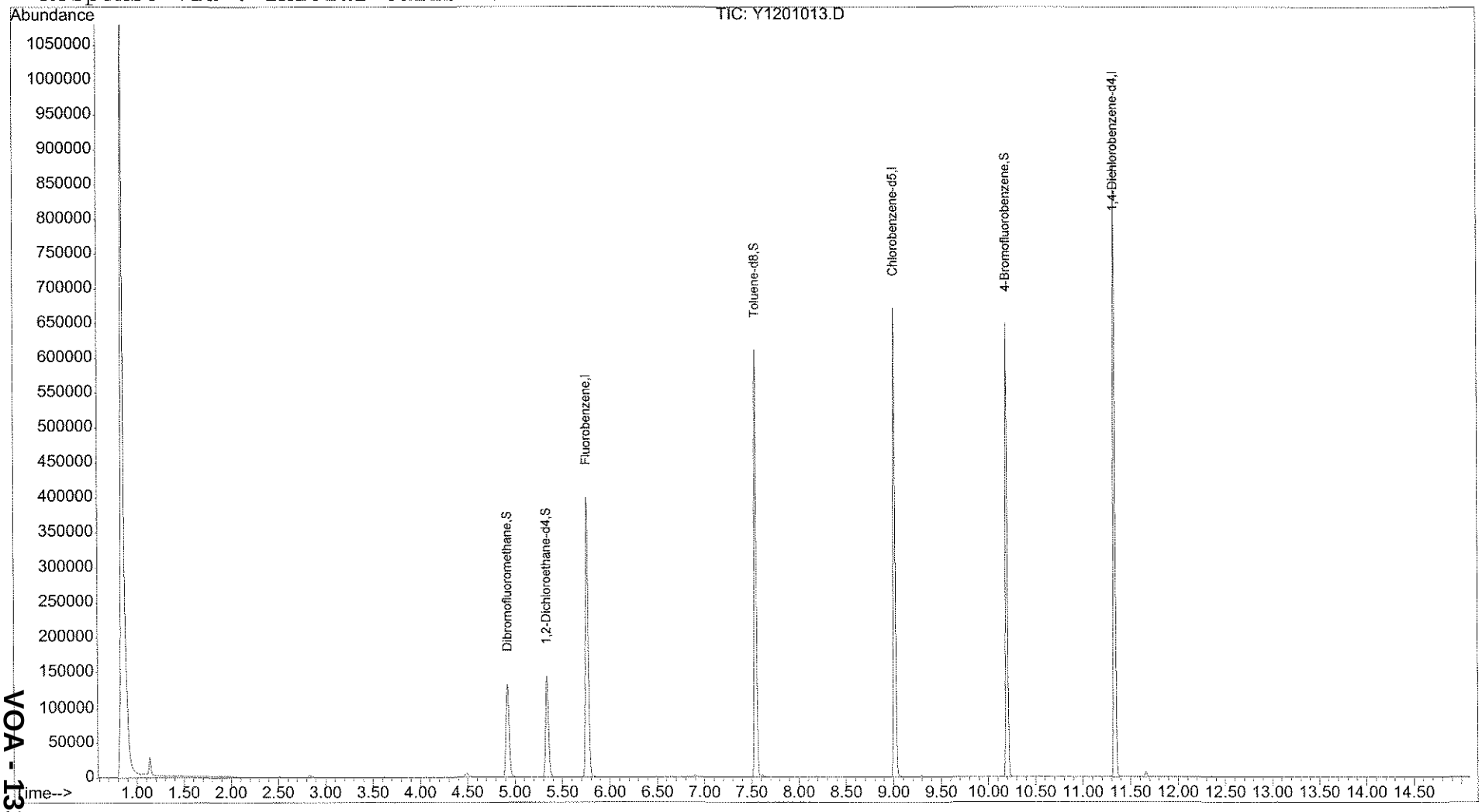
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201013.D Vial: 26
Acq On : 1 Dec 2006 16:51 Operator: LH
Sample : JPL25-013 EB-19-11/28/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:19 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 133

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201013.D Vial: 26
Acq On : 1 Dec 2006 16:51 Operator: LH
Sample : JPL25-013 EB-19-11/28/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:19 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	370818	50.00	ug/l	0.00 94.18%
50) Chlorobenzene-d5	9.01	82	178967	50.00	ug/l	0.00 108.51%
70) 1,4-Dichlorobenzene-d4	11.34	152	198204	50.00	ug/l	0.00 81.37%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	98526	44.76	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	111098	56.65	ug/l	0.00
51) Toluene-d8	7.55	98	371754	51.31	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	168885	60.02	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.15	43	784	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) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.51	84	626	Below Cal	#	80
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

LN 12/4/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201013.D Vial: 26
Acq On : 1 Dec 2006 16:51 Operator: LH
Sample : JPL25-013 EB-19-11/28/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:19 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	54	N.D.	
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	4.94	56	54	N.D.	
35)	Carbon Tetrachloride	0.00	117	0	N.D.	
36)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.39	78	392	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1691	~~Below Cal #.~~	1
52)	Toluene	7.62	92	1000	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	462	N.D.	
63)	Ethylbenzene	9.17	91	462	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	732	N.D.	
66)	o-xylene	9.69	106	81	N.D.	
67)	Styrene	0.00	104	0	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.06	105	56	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

12/04/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201013.D Vial: 26
Acq On : 1 Dec 2006 16:51 Operator: LH
Sample : JPL25-013 EB-19-11/28/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:19 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.47	91	214	N.D.	
78)	1,3,5-Trimethylbenzene	10.64	105	53	N.D.	
79)	4-Chlorotoluene	10.47	91	214	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.02	105	203	N.D.	
82)	sec-butylbenzene	11.18	105	131	N.D.	
83)	4-Isopropyltoluene	11.33	119	288	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	11.74	91	279	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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	13.50	225	53	N.D.	
91)	Naphthalene	13.55	128	472	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.

TB-19-11/28/06

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

SDG No.: JPL25 Run Sequence: R012939

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1129010.D

Level: (LOW/MED) Date Collected: 11/28/2006

% Moisture: not dec. Date/Time Analyzed: 11/29/2006 14:56

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.

TB-19-11/28/06

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

SDG No.: JPL25 Run Sequence: R012939

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1129010.D

Level: (LOW/MED) Date Collected: 11/28/2006

% Moisture: not dec. Date/Time Analyzed: 11/29/2006 14:56

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.

TB-19-11/28/06

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

SDG No.: JPL25 Run Sequence: R012939

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-014

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1129010.D

Level: (LOW/MED) Date Collected: 11/28/2006

% Moisture: not dec. Date/Time Analyzed: 11/29/2006 14:56

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

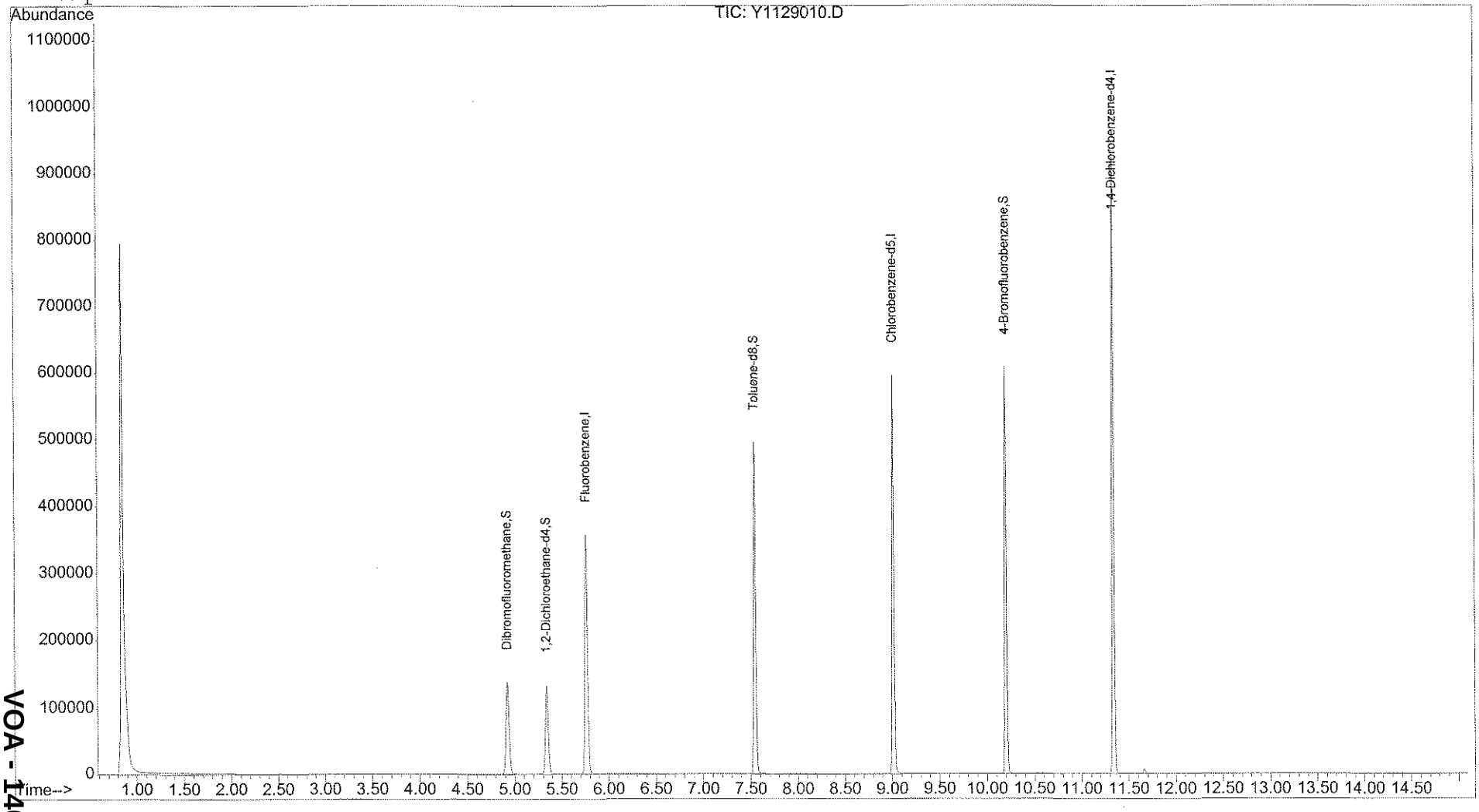
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129010.D Vial: 23
Acq On : 29 Nov 2006 14:56 Operator: LH
Sample : JPL25-014 TB-19-11/28/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 10:59 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 140

Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129010.D Vial: 23
Acq On : 29 Nov 2006 14:56 Operator: LH
Sample : JPL25-014 TB-19-11/28/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 10:59 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	331255	50.00	ug/l	0.00 84.13%
50) Chlorobenzene-d5	9.01	82	153142	50.00	ug/l	0.00 92.85%
70) 1,4-Dichlorobenzene-d4	11.34	152	211709	50.00	ug/l	0.00 86.91%
System Monitoring Compounds						
32) Dibromofluoromethane	4.92	111	101640	51.69	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	99921	57.03	ug/l	0.00
51) Toluene-d8	7.55	98	302375	48.77	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	165982	55.22	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.07	50	601	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.16	43	549	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	135	N.D.		
15) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.52	84	812	~~Below Cal~~		88
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

LH 11/30/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129010.D Vial: 23
Acq On : 29 Nov 2006 14:56 Operator: LH
Sample : JPL25-014 TB-19-11/28/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 10:59 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	RH 11/30/06
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1236	~~Below Cal #~~ 1	
52)	Toluene	0.00	92	0	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	118	N.D.	
63)	Ethylbenzene	9.17	91	118	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	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	10.06	105	63	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	10.66	120	54	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\112906\Y1129010.D Vial: 23
Acq On : 29 Nov 2006 14:56 Operator: LH
Sample : JPL25-014 TB-19-11/28/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 30 10:59 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.53	91	139	N.D.	
78)	1,3,5-Trimethylbenzene	10.66	105	138	N.D.	
79)	4-Chlorotoluene	10.64	91	205	N.D.	
80)	tert-Butylbenzene	10.96	119	120	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	227	N.D.	
82)	sec-butylbenzene	11.18	105	390	N.D.	
83)	4-Isopropyltoluene	11.34	119	550	N.D.	
84)	1,3-Dichlorobenzene	11.27	146	203	N.D.	
85)	1,4-Dichlorobenzene	11.35	146	265	N.D.	
86)	n-Butylbenzene	11.74	91	503	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	13.31	180	222	N.D.	
90)	Hexachlorobutadiene	13.50	225	189	N.D.	
91)	Naphthalene	13.55	128	288	N.D.	
92)	1,2,3-Trichlorobenzene	13.78	180	211	N.D.	

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-5

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-015

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201014.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 17:16

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-25-5

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-015

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201014.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 17:16

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-25-5

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-015

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201014.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 17:16

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

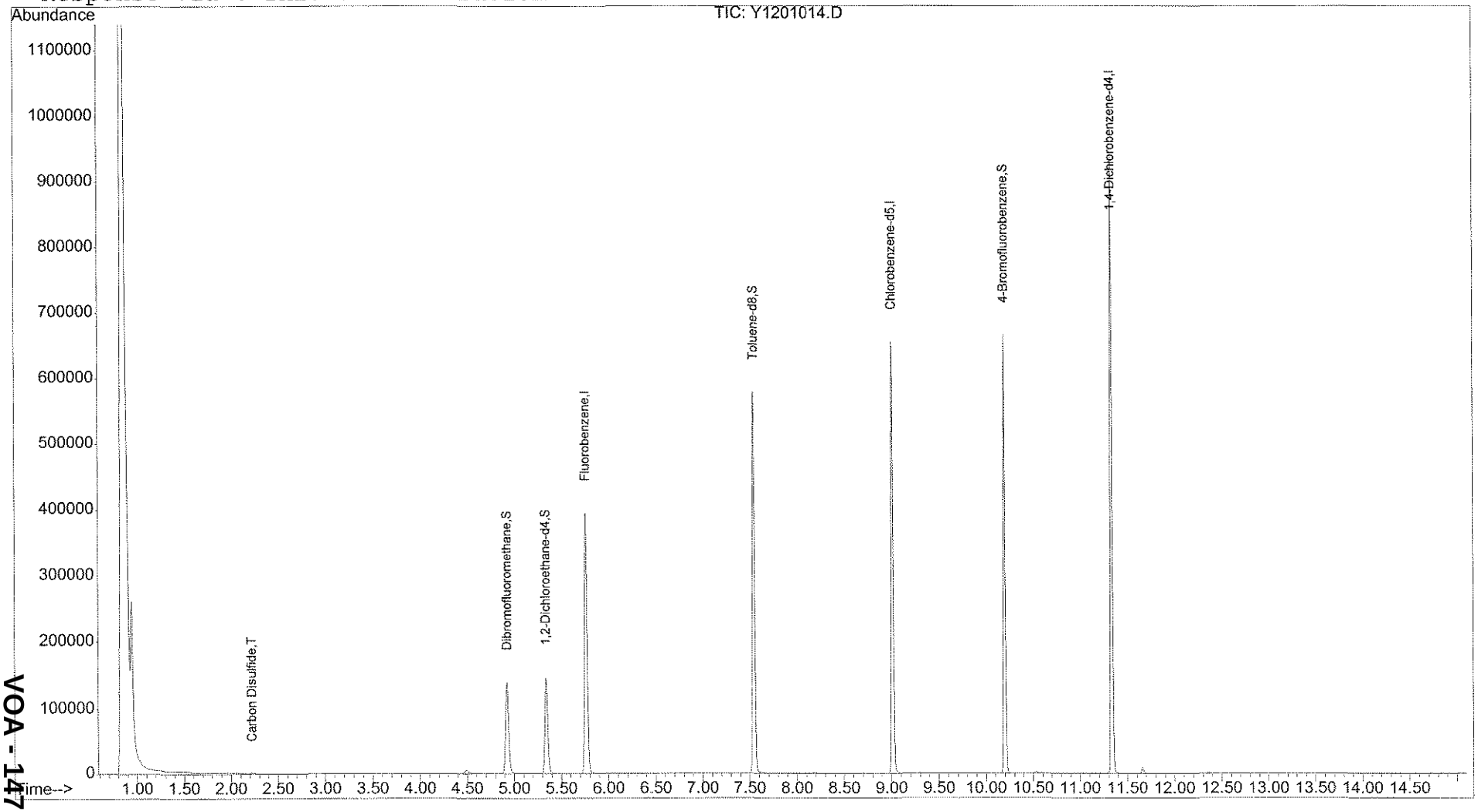
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201014.D Vial: 27
Acq On : 1 Dec 2006 17:16 Operator: LH
Sample : JPL25-015 MW-25-5 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:17 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 147

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201014.D Vial: 27
Acq On : 1 Dec 2006 17:16 Operator: LH
Sample : JPL25-015 MW-25-5 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:17 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	359372	50.00 ug/l	0.00 91.27%
50) Chlorobenzene-d5	9.01	82	173480	50.00 ug/l	0.00 105.18%
70) 1,4-Dichlorobenzene-d4	11.34	152	212523	50.00 ug/l	0.00 87.24%
System Monitoring Compounds					
32) Dibromofluoromethane	4.92	111	101652	47.65 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	110324	58.04 ug/l	0.00
51) Toluene-d8	7.55	98	346093	49.28 ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	171888	56.97 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) 1,1-Dichloroethene	0.00	96	0	N.D.	
9) Acrolein	0.00	56	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.16	43	521	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.22	76	3325	0.52 ug/l	100
15) Acetonitrile	2.41	40	63	N.D.	
16) Allyl chloride	0.00	76	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	0.00	84	0	N.D.	
19) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	0.00	53	0	N.D.	
22) Vinyl acetate	0.00	43	0	N.D.	
23) 1,1-Dichloroethane	0.00	63	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.	

LH 12/4/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201014.D Vial: 27
Acq On : 1 Dec 2006 17:16 Operator: LH
Sample : JPL25-015 MW-25-5 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:17 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.39	78	58	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.55	43	1400	~~Below Cal~~ #	1
52)	Toluene	7.61	92	374	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	317	N.D.	
63)	Ethylbenzene	9.17	91	317	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	399	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	113	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201014.D Vial: 27
Acq On : 1 Dec 2006 17:16 Operator: LH
Sample : JPL25-015 MW-25-5 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:17 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.47	91	157	N.D.	
78)	1,3,5-Trimethylbenzene	10.65	105	54	N.D.	
79)	4-Chlorotoluene	10.47	91	157	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	205	N.D.	
82)	sec-butylbenzene	11.18	105	121	N.D.	
83)	4-Isopropyltoluene	11.34	119	258	N.D.	
84)	1,3-Dichlorobenzene	11.36	146	69	N.D.	
85)	1,4-Dichlorobenzene	11.36	146	69	N.D.	
86)	n-Butylbenzene	11.74	91	199	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	13.31	180	73	N.D.	
90)	Hexachlorobutadiene	0.00	225	0	N.D.	
91)	Naphthalene	13.55	128	212	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-25-4

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-016

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201015.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 17:40

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-25-4

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-016

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201015.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 17:40

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-4

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-016

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201015.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 17:40

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

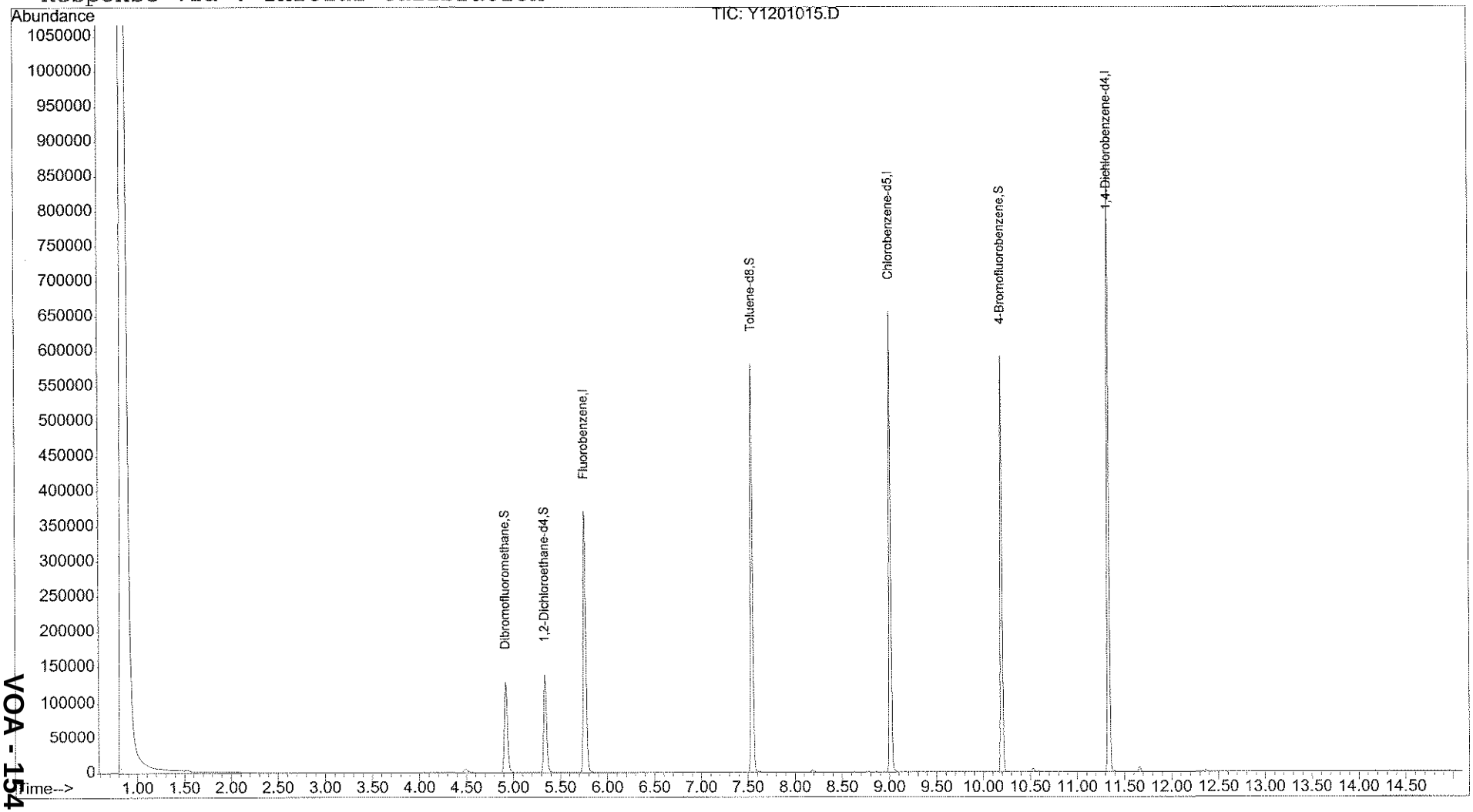
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201015.D Vial: 28
Acq On : 1 Dec 2006 17:40 Operator: LH
Sample : JPL25-016 MW-25-4 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:24 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 154

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201015.D Vial: 28
Acq On : 1 Dec 2006 17:40 Operator: LH
Sample : JPL25-016 MW-25-4 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:24 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	344237	50.00 ug/l	0.00 87.43%
50) Chlorobenzene-d5	9.01	82	170060	50.00 ug/l	0.00 103.11%
70) 1,4-Dichlorobenzene-d4	11.34	152	195507	50.00 ug/l	0.00 80.26%
System Monitoring Compounds					
32) Dibromofluoromethane	4.92	111	93571	45.79 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	105885	58.16 ug/l	0.00
51) Toluene-d8	7.55	98	348316	50.59 ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	163743	58.99 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) 1,1-Dichloroethene	0.00	96	0	N.D.	
9) Acrolein	0.00	56	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.15	43	156	~~Below Cal # 41~~	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.23	76	310	N.D.	
15) Acetonitrile	0.00	40	0	N.D. d	
16) Allyl chloride	0.00	76	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	0.00	84	0	N.D.	
19) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	0.00	53	0	N.D.	
22) Vinyl acetate	0.00	43	0	N.D.	
23) 1,1-Dichloroethane	0.00	63	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.	

LH 12/4/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201015.D Vial: 28
Acq On : 1 Dec 2006 17:40 Operator: LH
Sample : JPL25-016 MW-25-4 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:24 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.38	78	73	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.55	43	1426	Below Cal #	1
52)	Toluene	7.61	92	288	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	210	N.D.	
63)	Ethylbenzene	9.17	91	210	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	264	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	74	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

LH 12/6/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201015.D
Acq On : 1 Dec 2006 17:40
Sample : JPL25-016 MW-25-4
Misc : 5mL+IS/SS #3
MS Integration Params: rteint.p
Quant Time: Dec 4 10:24 2006

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 Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.46	91	195	N.D.	
78)	1,3,5-Trimethylbenzene	10.65	105	54	N.D.	
79)	4-Chlorotoluene	10.64	91	64	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.02	105	219	N.D.	
82)	sec-butylbenzene	11.18	105	112	N.D.	
83)	4-Isopropyltoluene	11.34	119	150	N.D.	
84)	1,3-Dichlorobenzene	11.36	146	67	N.D.	
85)	1,4-Dichlorobenzene	11.36	146	67	N.D.	
86)	n-Butylbenzene	11.75	91	116	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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	13.50	225	55	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-25-3

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-017

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201016.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 18:04

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	0.89	
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.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-017

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201016.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 18:04

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-25-3

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-017

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201016.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 18:04

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

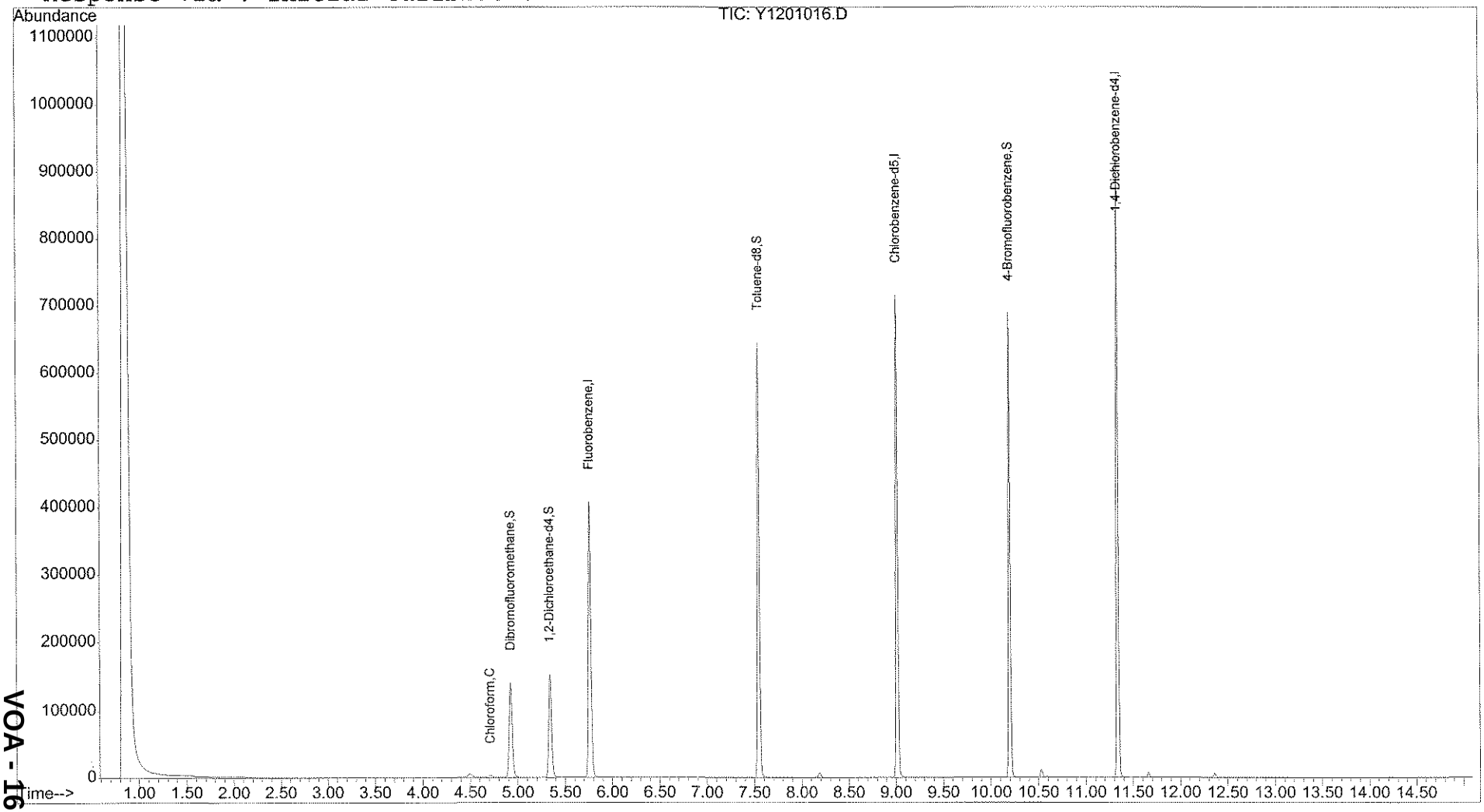
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201016.D Vial: 29
Acq On : 1 Dec 2006 18:04 Operator: LH
Sample : JPL25-017 MW-25-3 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:25 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 161

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201016.D Vial: 29
Acq On : 1 Dec 2006 18:04 Operator: LH
Sample : JPL25-017 MW-25-3 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:25 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	376741	50.00 ug/l	0.00 95.68%
50) Chlorobenzene-d5	9.01	82	186816	50.00 ug/l	0.00 113.27%
70) 1,4-Dichlorobenzene-d4	11.34	152	212826	50.00 ug/l	0.00 87.37%
System Monitoring Compounds					
32) Dibromofluoromethane	4.93	111	102069	45.64 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	113943	57.18 ug/l	0.00
51) Toluene-d8	7.55	98	382550	50.58 ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	178862	59.19 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) 1,1-Dichloroethene	0.00	96	0	N.D.	
9) Acrolein	0.00	56	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.16	43	153	Below Cal #	41
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.22	76	70	N.D.	
15) Acetonitrile	0.00	40	0	N.D. d	
16) Allyl chloride	0.00	76	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	0.00	84	0	N.D.	
19) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	0.00	53	0	N.D.	
22) Vinyl acetate	0.00	43	0	N.D.	
23) 1,1-Dichloroethane	0.00	63	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.	

LH 12/4/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201016.D
Acq On : 1 Dec 2006 18:04
Sample : JPL25-017 MW-25-3
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Dec 4 10:25 2006

Vial: 29
Operator: LH
Inst : yoda
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	4149	0.89 ug/l	98
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1550	Below Cal # 1*	
52)	Toluene	7.62	92	131	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	8.19	97	57	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	169	N.D.	
63)	Ethylbenzene	9.17	91	169	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	294	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.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

LNJ 4/06

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

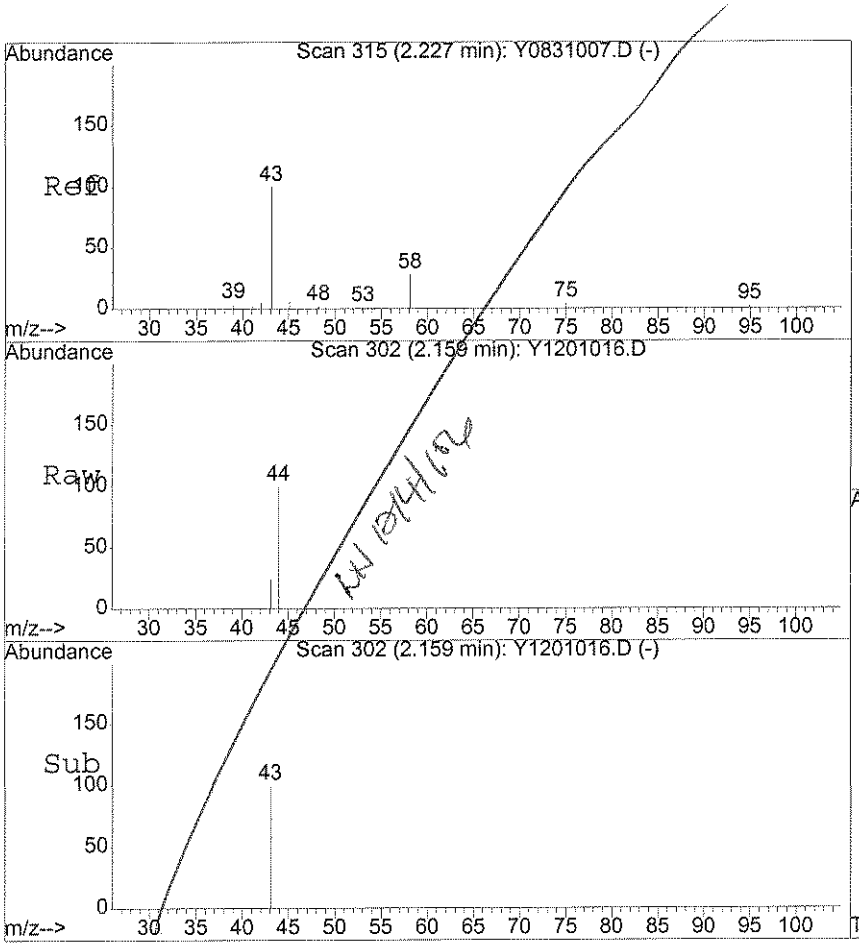
Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201016.D Vial: 29
Acq On : 1 Dec 2006 18:04 Operator: LH
Sample : JPL25-017 MW-25-3 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:25 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
75)	Bromobenzene	0.00	156	0	N.D.		
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
77)	2-Chlorotoluene	0.00	91	0	N.D.		
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
79)	4-Chlorotoluene	0.00	91	0	N.D.		
80)	tert-Butylbenzene	0.00	119	0	N.D.		
81)	1,2,4-Trimethylbenzene	11.01	105	66	N.D.		
82)	sec-butylbenzene	11.01	105	66	N.D.		
83)	4-Isopropyltoluene	11.34	119	138	N.D.		
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.		
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
86)	n-Butylbenzene	11.74	91	209	N.D.		
87)	1,2-Dichlorobenzene	0.00	146	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.		

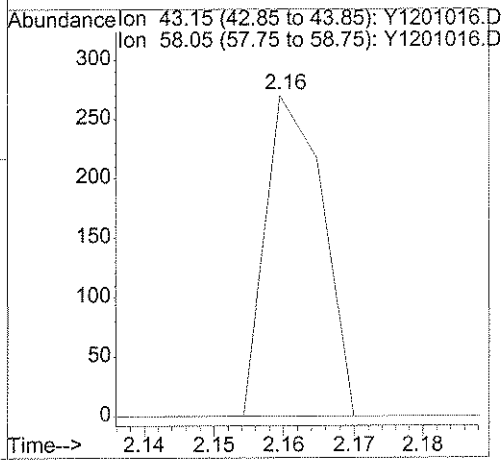
(#) = qualifier out of range (m) = manual integration

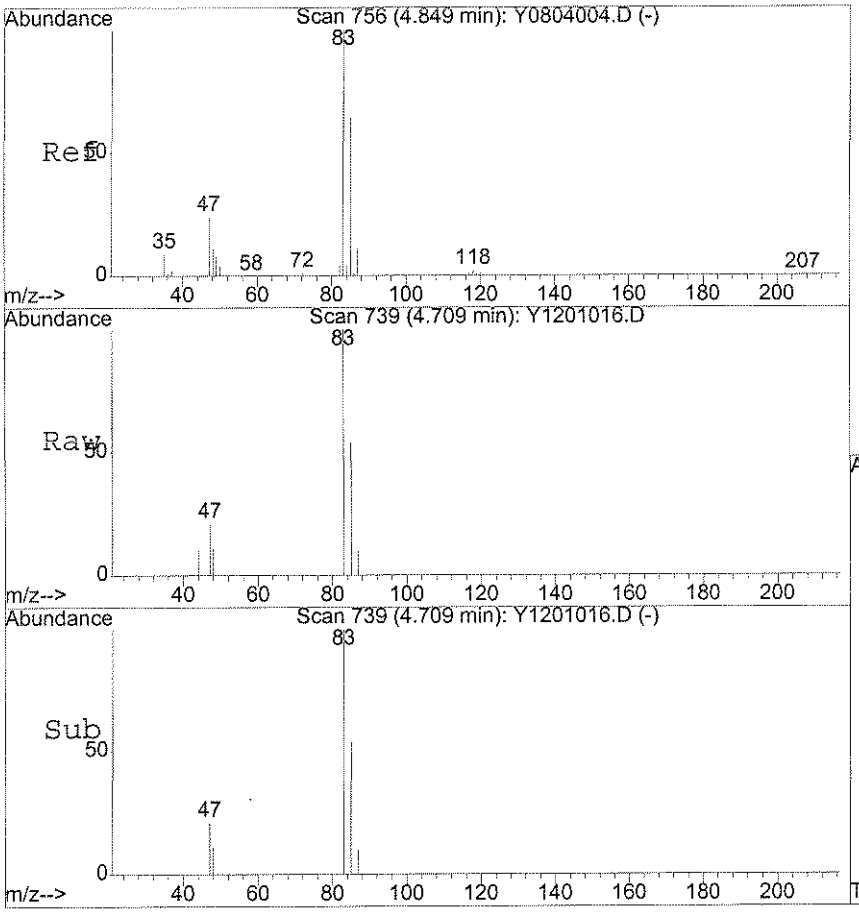


#11
Acetone
Concen: Below Cal
RT: 2.16 min Scan# 302
Delta R.T. 0.00 min
Lab File: Y1201016.D
Acq: 1 Dec 2006 18:04

Tgt Ion: 43 Resp: 153

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.8	40.2#

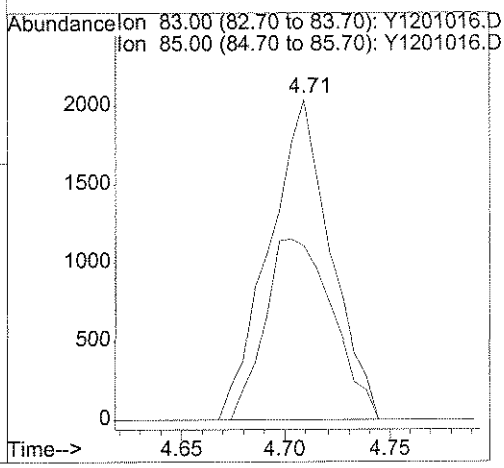




#31
Chloroform
Concen: 0.89 ug/l
RT: 4.71 min Scan# 739
Delta R.T. 0.00 min
Lab File: Y1201016.D
Acq: 1 Dec 2006 18:04

Tgt Ion: 83 Resp: 4149

Ion	Ratio	Lower	Upper
83	100		
85	62.0	43.3	83.3



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-2

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-018

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201017.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 18:29

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	0.50	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-25-2

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-018

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201017.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 18:29

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	0.50	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.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-018

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201017.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 18:29

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

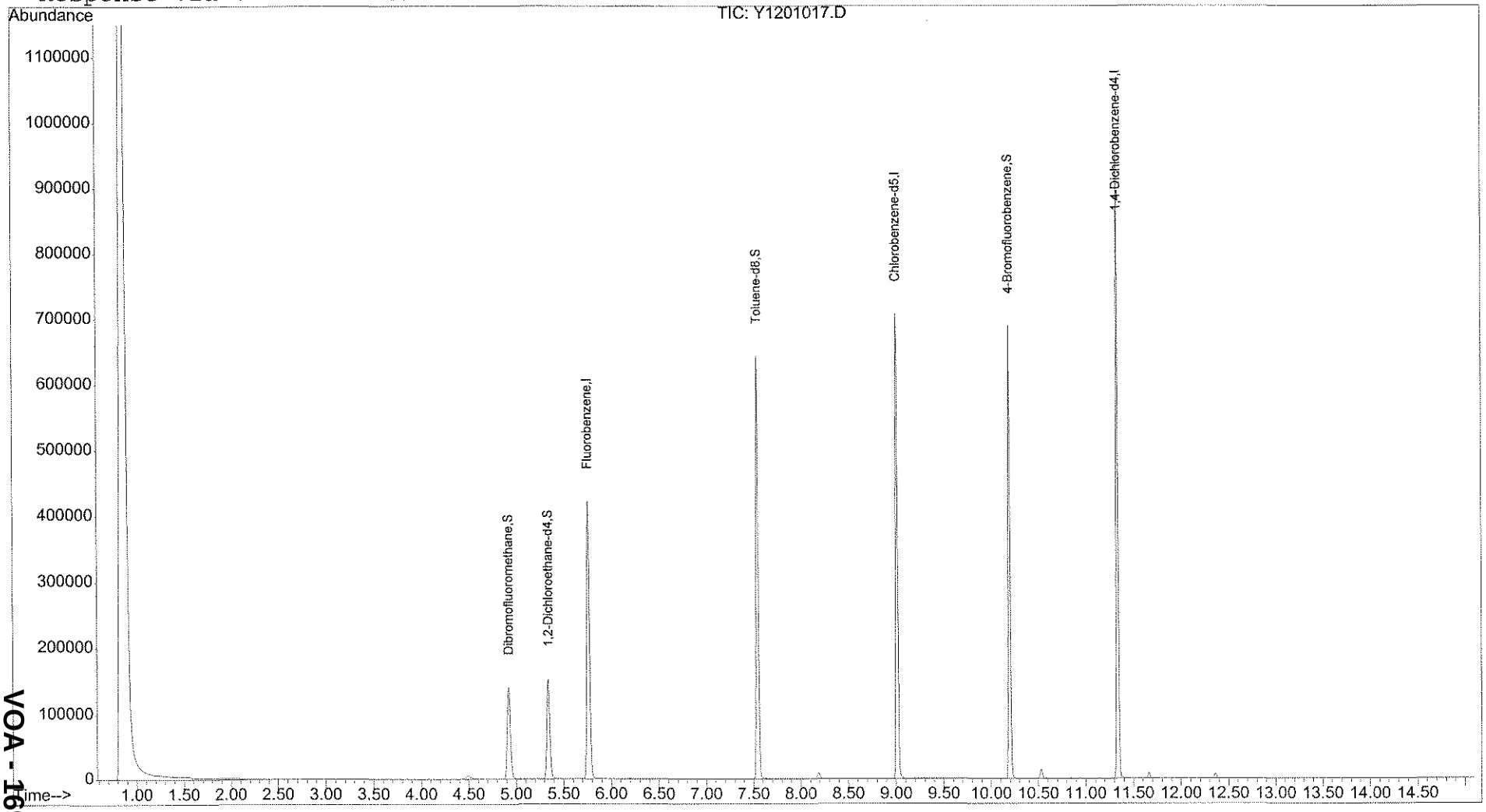
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201017.D Vial: 30
Acq On : 1 Dec 2006 18:29 Operator: LH
Sample : JPL25-018 MW-25-2 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:24 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 169

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201017.D Vial: 30
Acq On : 1 Dec 2006 18:29 Operator: LH
Sample : JPL25-018 MW-25-2 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:24 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	390129	50.00 ug/l	0.00 99.08%
50) Chlorobenzene-d5	9.01	82	188522	50.00 ug/l	0.00 114.30%
70) 1,4-Dichlorobenzene-d4	11.34	152	213272	50.00 ug/l	0.00 87.55%
System Monitoring Compounds					
32) Dibromofluoromethane	4.93	111	105856	45.71 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	117786	57.08 ug/l	0.00
51) Toluene-d8	7.55	98	388753	50.94 ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	181843	60.06 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) 1,1-Dichloroethene	0.00	96	0	N.D.	
9) Acrolein	0.00	56	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.16	43	73	Below Cal # 41	
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) Acetonitrile	2.41	40	66	N.D.	
16) Allyl chloride	0.00	76	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	0.00	84	0	N.D.	
19) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	0.00	53	0	N.D.	
22) Vinyl acetate	0.00	43	0	N.D.	
23) 1,1-Dichloroethane	0.00	63	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.	

LH 12/4/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201017.D Vial: 30
Acq On : 1 Dec 2006 18:29 Operator: LH
Sample : JPL25-018 MW-25-2 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:24 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	447	N.D.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.39	78	59	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	6.20	130	442	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	LH 12/4/06
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1557	~~Below Cal~~ #	1
52)	Toluene	7.61	92	71	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	151	N.D.	
63)	Ethylbenzene	9.17	91	151	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	247	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	127	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201017.D Vial: 30
Acq On : 1 Dec 2006 18:29 Operator: LH
Sample : JPL25-018 MW-25-2 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:24 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.47	91	61	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	10.47	91	61	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)	4-Isopropyltoluene	11.33	119	197	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	11.74	91	66	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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-25-1

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-019

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201018.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 18:53

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.

MW-25-1

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-019

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201018.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 18:53

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	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-25-1

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-019

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201018.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 18:53

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

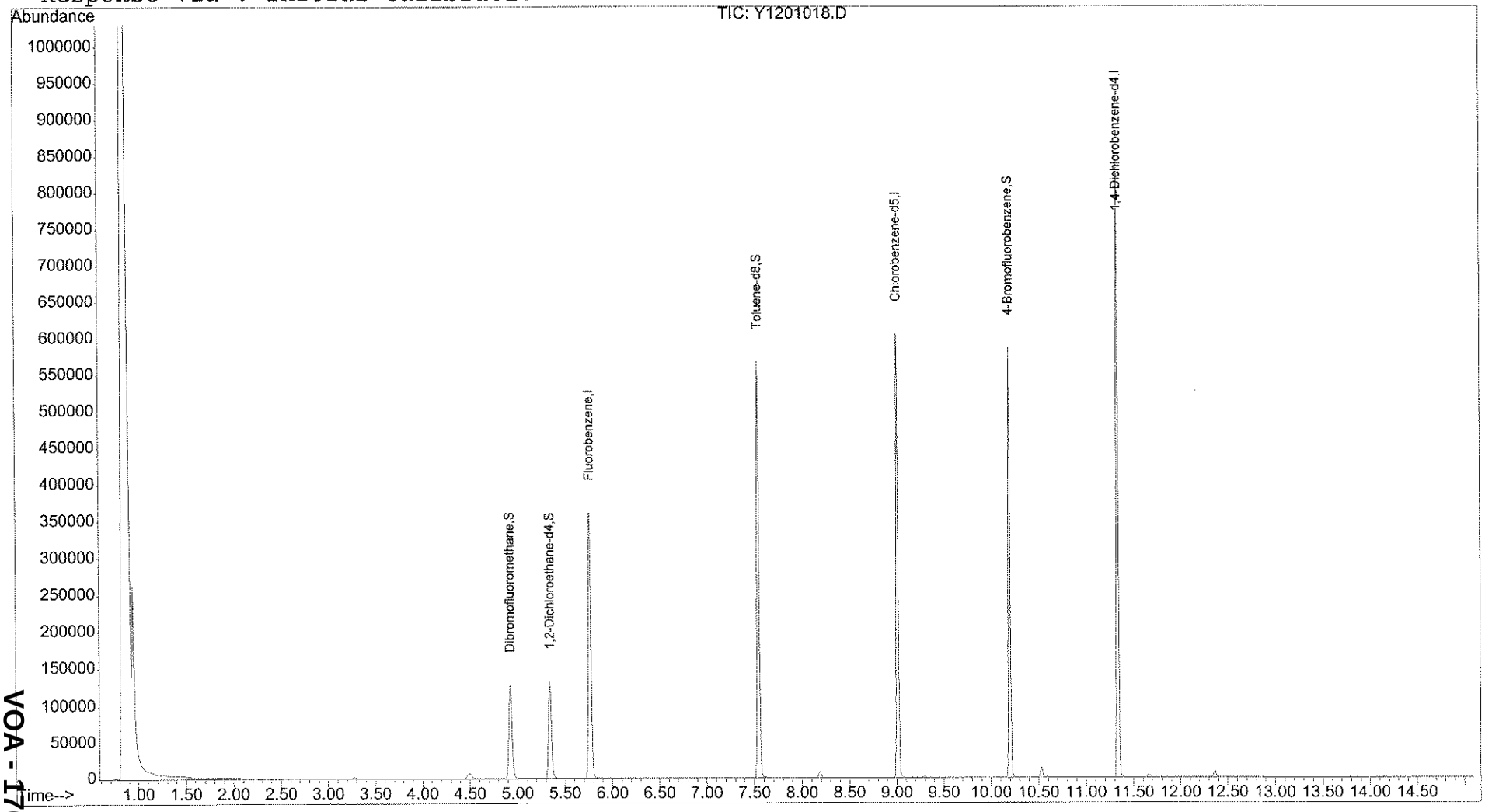
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201018.D Vial: 31
Acq On : 1 Dec 2006 18:53 Operator: LH
Sample : JPL25-019 MW-25-1 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:28 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 176

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201018.D Vial: 31
Acq On : 1 Dec 2006 18:53 Operator: LH
Sample : JPL25-019 MW-25-1 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:28 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	337718	50.00	ug/l	0.00 85.77%
50) Chlorobenzene-d5	9.01	82	162886	50.00	ug/l	0.00 98.76%
70) 1,4-Dichlorobenzene-d4	11.34	152	190312	50.00	ug/l	0.00 78.13%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	93204	46.49	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	103432	57.91	ug/l	0.00
51) Toluene-d8	7.55	98	332251	50.38	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	158160	58.54	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.07	50	77	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.16	43	536	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.23	76	1665	N.D.		
15) Acetonitrile	2.41	40	61	N.D.		
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201018.D Vial: 31
Acq On : 1 Dec 2006 18:53 Operator: LH
Sample : JPL25-019 MW-25-1 Inst : yoda
Misc : 5mL+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:28 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
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	489	N.D.		
33)	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)	Methyl methacrylate	0.00	41	0	N.D.		
37)	1,1-Dichloropropene	0.00	75	0	N.D.		
39)	Benzene	5.39	78	366	N.D.		
40)	1,2-Dichloroethane	0.00	62	0	N.D.		
41)	Isobutanol	0.00	43	0	N.D.		
42)	Trichloroethene	0.00	130	0	N.D.		
43)	Methylcyclohexane	0.00	83	0	N.D.		
44)	1,2-Dichloropropane	0.00	63	0	N.D.		
45)	Dibromomethane	0.00	93	0	N.D.		
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
47)	Bromodichloromethane	0.00	83	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	351	N.D.		
53)	Ethyl methacrylate	0.00	69	0	N.D.		
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55)	1,1,2-Trichloroethane	8.18	97	64	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	2-Hexanone	0.00	43	0	N.D.		
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	326	N.D.		
63)	Ethylbenzene	9.17	91	326	N.D.		
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
65)	m,p-Xylene	9.30	106	578	N.D.		
66)	o-xylene	9.68	106	61	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		
69)	Isopropylbenzene	10.19	105	136	N.D.		
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
73)	n-Propylbenzene	0.00	120	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201018.D
Acq On : 1 Dec 2006 18:53
Sample : JPL25-019 MW-25-1
Misc : 5mL+IS/SS #3
MS Integration Params: rteint.p
Quant Time: Dec 4 10:28 2006

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 Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	0.00	91	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	208	N.D.	
82)	sec-butylbenzene	11.01	105	208	N.D.	
83)	4-Isopropyltoluene	11.34	119	212	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	11.74	91	59	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	13.31	180	58	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-6-4Q06

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-020

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201019.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 19:17

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-6-4Q06

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-020

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201019.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 19:17

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-6-4Q06

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-020

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201019.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 19:17

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

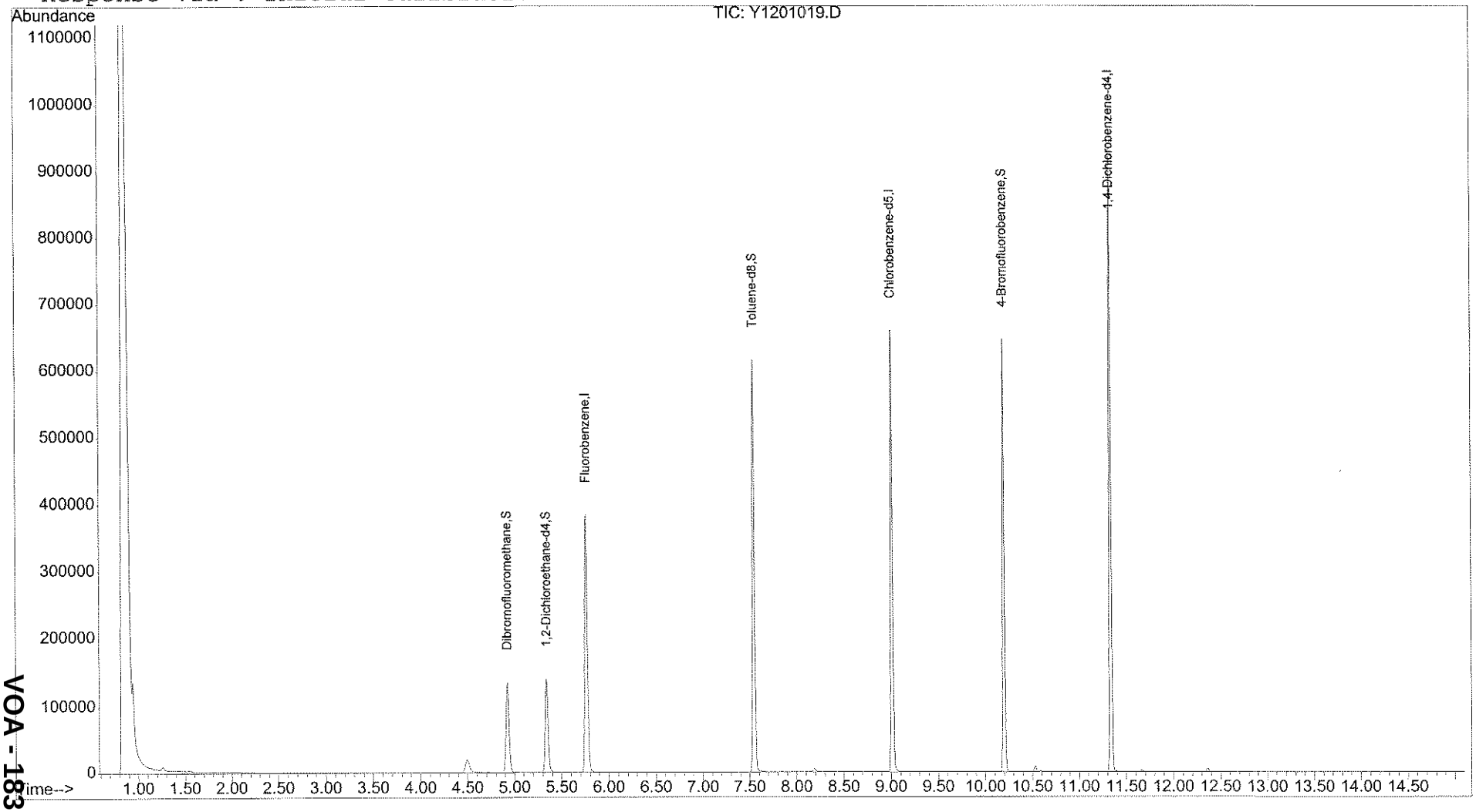
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201019.D Vial: 32
Acq On : 1 Dec 2006 19:17 Operator: LH
Sample : JPL25-020 DUPE-6-4Q06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:29 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 183

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201019.D Vial: 32
Acq On : 1 Dec 2006 19:17 Operator: LH
Sample : JPL25-020 DUPE-6-4Q06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:29 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.77	96	355571	50.00	ug/l	0.00 90.30%
50) Chlorobenzene-d5	9.02	82	177440	50.00	ug/l	0.00 107.58%
70) 1,4-Dichlorobenzene-d4	11.34	152	206565	50.00	ug/l	0.00 84.80%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	96384	45.67	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	107149	56.98	ug/l	0.00
51) Toluene-d8	7.55	98	357719	49.80	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	172609	58.86	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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	2.23	76	913	N.D.		
15) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201019.D Vial: 32
Acq On : 1 Dec 2006 19:17 Operator: LH
Sample : JPL25-020 DUPE-6-4Q06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:29 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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	429	N.D.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.38	78	127	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.55	43	1587	~~Below Cal # 1~~	
52)	Toluene	7.61	92	185	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	66	N.D.	
63)	Ethylbenzene	9.17	91	66	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.30	106	312	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.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

KL 12/11/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201019.D Vial: 32
Acq On : 1 Dec 2006 19:17 Operator: LH
Sample : JPL25-020 DUPE-6-4Q06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:29 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	0.00	91	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.03	105	59	N.D.	
82)	sec-butylbenzene	11.03	105	59	N.D.	
83)	4-Isopropyltoluene	11.33	119	53	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	11.74	91	112	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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.

EB-20-11/29/06

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-021

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201020.D

Level: (LOW/MED) _____ Date Collected: 11/29/2006

% Moisture: not dec. _____ Date/Time Analyzed: 12/01/2006 19:41

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-20-11/29/06

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-021

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201020.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 19:41

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	0.53	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-20-11/29/06

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-021

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201020.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 19:41

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

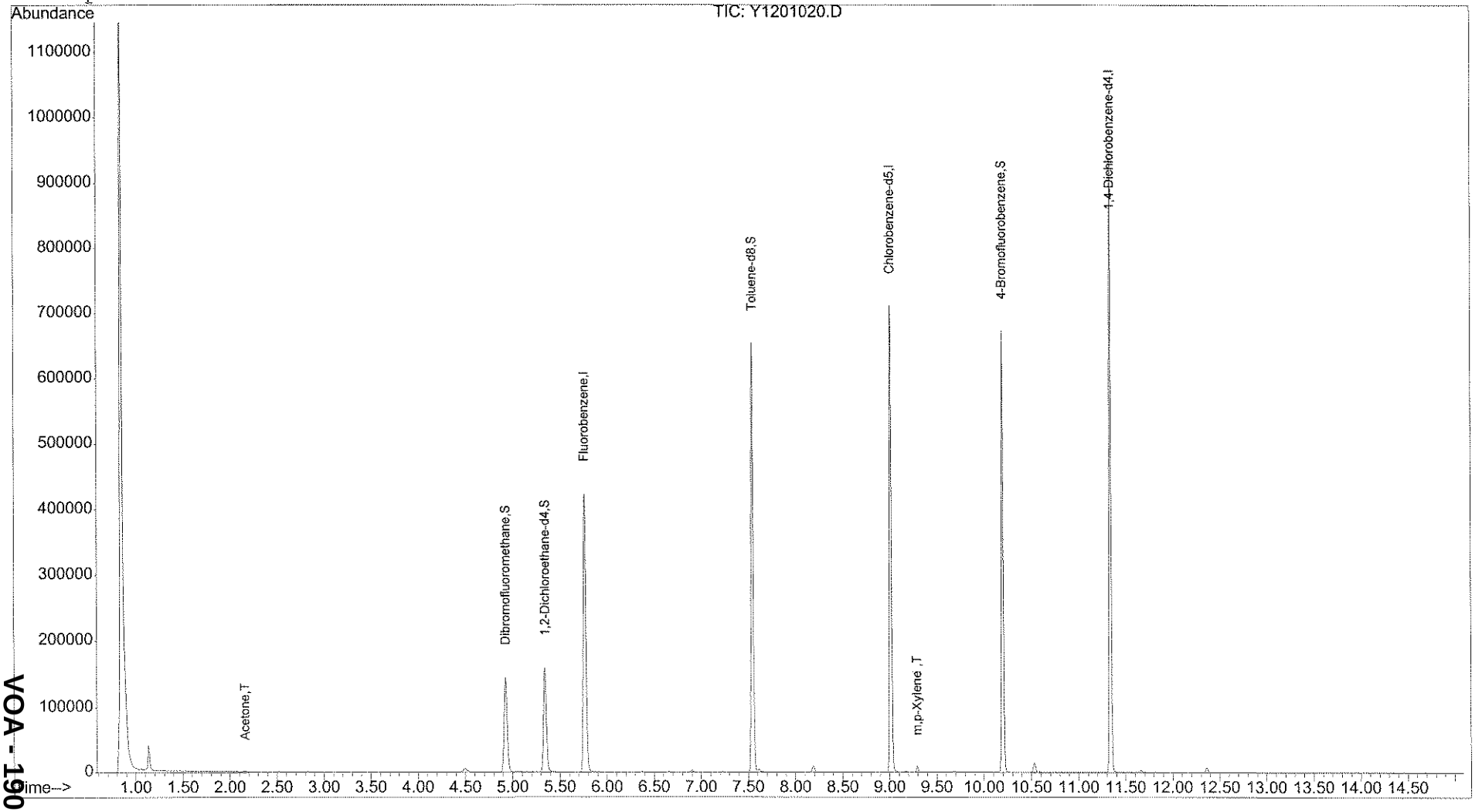
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201020.D Vial: 33
Acq On : 1 Dec 2006 19:41 Operator: LH
Sample : JPL25-021 EB-20-11/29/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:31 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 190

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201020.D Vial: 33
Acq On : 1 Dec 2006 19:41 Operator: LH
Sample : JPL25-021 EB-20-11/29/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:31 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	394409	50.00 ug/l	0.00 100.17%
50) Chlorobenzene-d5	9.01	82	189660	50.00 ug/l	0.00 114.99%
70) 1,4-Dichlorobenzene-d4	11.34	152	212591	50.00 ug/l	0.00 87.27%
System Monitoring Compounds					
32) Dibromofluoromethane	4.93	111	104427	44.61 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	119393	57.23 ug/l	0.00
51) Toluene-d8	7.55	98	388636	50.61 ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	180398	59.77 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) 1,1-Dichloroethene	0.00	96	0	N.D.	
9) Acrolein	0.00	56	0	N.D.	
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.	
11) Acetone	2.15	43	2085	2.43 ug/l #	67
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) Acetonitrile	0.00	40	0	N.D. d	
16) Allyl chloride	0.00	76	0	N.D.	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	2.52	84	679	Below Cal #	83
19) Methyl tert-butyl ether	0.00	73	0	N.D.	
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.	
21) Acrylonitrile	0.00	53	0	N.D.	
22) Vinyl acetate	0.00	43	0	N.D.	
23) 1,1-Dichloroethane	0.00	63	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.	

LH 12/4/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201020.D
Acq On : 1 Dec 2006 19:41
Sample : JPL25-021 EB-20-11/29/06
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Dec 4 10:31 2006

Vial: 33
Operator: LH
Inst : yoda
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
27)	2-Butanone	4.37	43	529	Below Cal #	57
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	418	N.D.	
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	4.95	56	237	N.D.	
35)	Carbon Tetrachloride	0.00	117	0	N.D.	
36)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.38	78	200	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1773	Below Cal #	1
52)	Toluene	7.61	92	1492	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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)	Ethylbenzene	9.17	91	1523	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	2351	0.53 ug/l	100
66)	o-xylene	9.69	106	546	N.D.	
67)	Styrene	0.00	104	0	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.19	105	121	N.D.	
72)	1,1,2,2-Tetrachloroethane	10.20	83	53	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	

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

LW 12/14/06

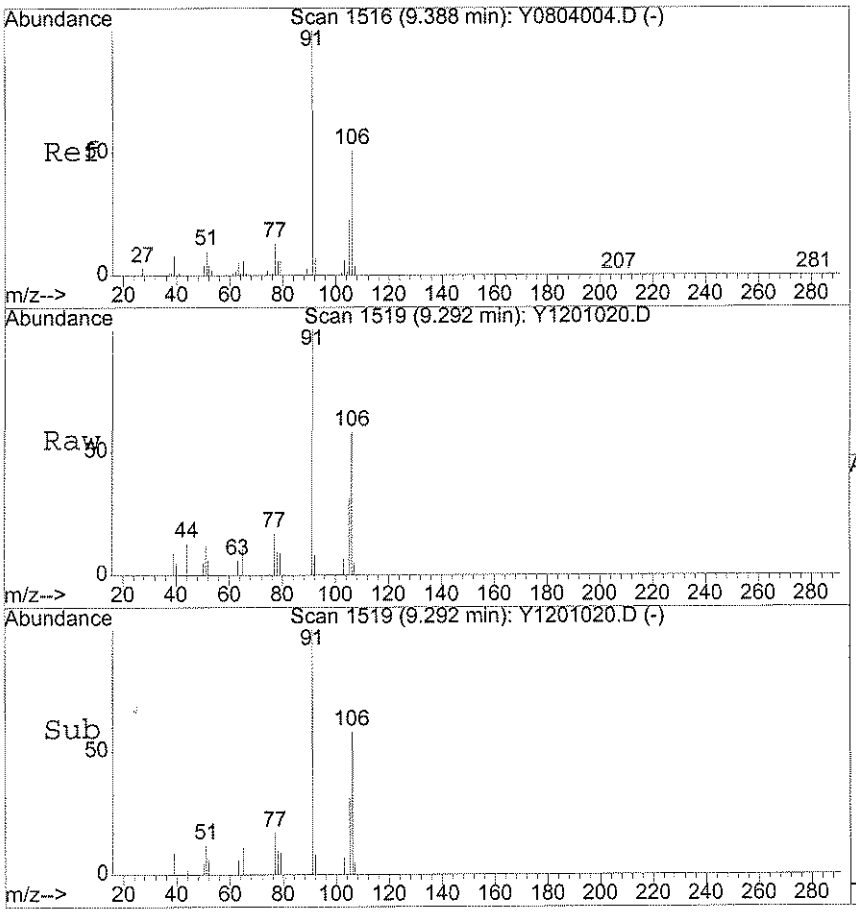
Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201020.D Vial: 33
Acq On : 1 Dec 2006 19:41 Operator: LH
Sample : JPL25-021 EB-20-11/29/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:31 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	0.00	91	0	N.D.	
78)	1,3,5-Trimethylbenzene	10.58	105	59	N.D.	
79)	4-Chlorotoluene	0.00	91	0	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.02	105	115	N.D.	
82)	sec-butylbenzene	11.02	105	115	N.D.	
83)	4-Isopropyltoluene	11.34	119	156	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	11.74	91	66	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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	13.55	128	133	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

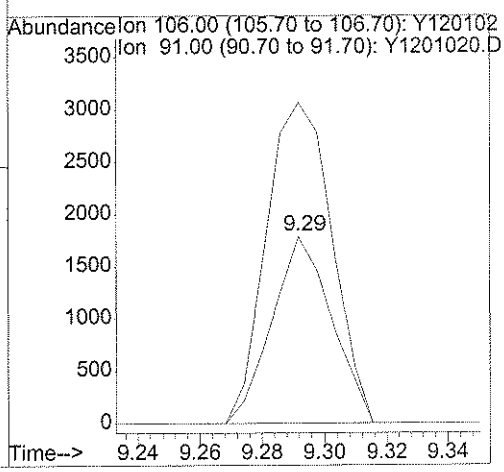
(#) = qualifier out of range (m) = manual integration



#65
m,p-Xylene
Concen: 0.53 ug/l
RT: 9.29 min Scan# 1519
Delta R.T. 0.00 min
Lab File: Y1201020.D
Acq: 1 Dec 2006 19:41

Tgt Ion:106 Resp: 2351

Ion	Ratio	Lower	Upper
106	100		
91	189.2	169.6	209.6



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-20-11/29/06

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-022

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201008.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 14:49

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	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-20-11/29/06

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-022

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201008.D

Level: (LOW/MED) _____ Date Collected: 11/29/2006

% Moisture: not dec. _____ Date/Time Analyzed: 12/01/2006 14:49

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	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-20-11/29/06

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

SDG No.: JPL25 Run Sequence: R012979

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL25-022

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1201008.D

Level: (LOW/MED) Date Collected: 11/29/2006

% Moisture: not dec. Date/Time Analyzed: 12/01/2006 14:49

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

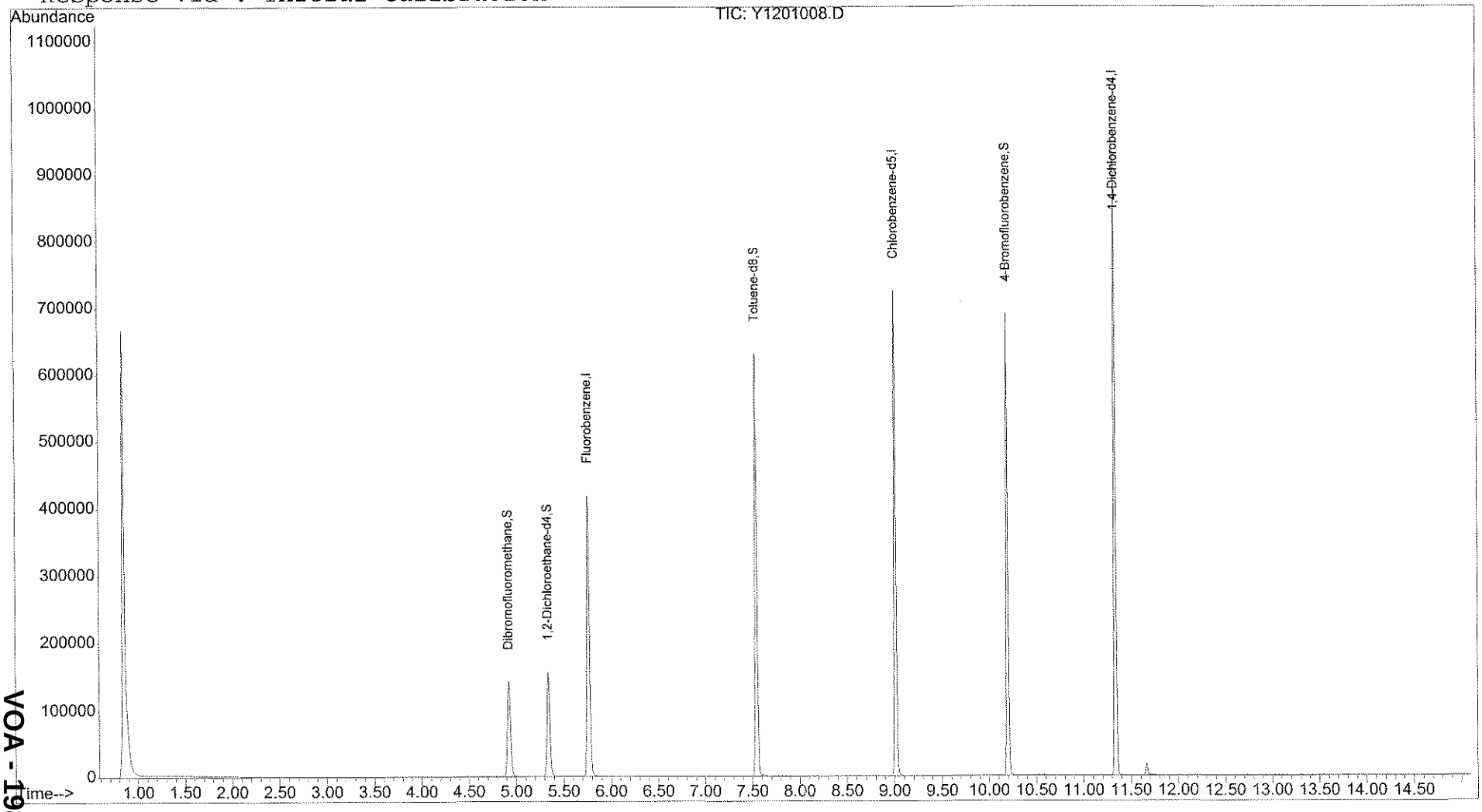
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201008.D Vial: 21
Acq On : 1 Dec 2006 14:49 Operator: LH
Sample : JPL25-022 TB-20-11/29/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:12 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 198

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201008.D Vial: 21
Acq On : 1 Dec 2006 14:49 Operator: LH
Sample : JPL25-022 TB-20-11/29/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:12 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B
IS QA File : I:\YODA\110906\Y1109009.D (9 Nov 2006 10:42)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	5.76	96	387028	50.00	ug/l	0.00 98.29%
50) Chlorobenzene-d5	9.01	82	186120	50.00	ug/l	0.00 112.84%
70) 1,4-Dichlorobenzene-d4	11.34	152	216076	50.00	ug/l	0.00 88.70%
System Monitoring Compounds						
32) Dibromofluoromethane	4.92	111	103696	45.14	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	115515	56.43	ug/l	0.00
51) Toluene-d8	7.54	98	379037	50.30	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	180820	58.94	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.07	50	380	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.16	43	639	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.22	76	137	N.D.		
15) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.51	84	717	Below Cal		88
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		

LN 12/4/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201008.D
Acq On : 1 Dec 2006 14:49
Sample : JPL25-022 TB-20-11/29/06
Misc : 5mL+IS/SS #1
MS Integration Params: rteint.p
Quant Time: Dec 4 10:12 2006

Vial: 21
Operator: LH
Inst : yoda
Multiplr: 1.00
Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
33)	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)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.39	78	75	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.54	43	1742	Below Cal # 1	
52)	Toluene	7.62	92	56	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	375	N.D.	
63)	Ethylbenzene	9.17	91	375	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	299	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.	
69)	Isopropylbenzene	10.06	105	338	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	10.47	120	54	N.D.	

12/4/06

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

Quantitation Report

Data File : X:\MSVOA\YODA\120106\Y1201008.D Vial: 21
Acq On : 1 Dec 2006 14:49 Operator: LH
Sample : JPL25-022 TB-20-11/29/06 Inst : yoda
Misc : 5mL+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 10:12 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
75)	Bromobenzene	0.00	156	0	N.D.		
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
77)	2-Chlorotoluene	10.53	91	246	N.D.		
78)	1,3,5-Trimethylbenzene	10.65	105	419	N.D.		
79)	4-Chlorotoluene	10.64	91	419	N.D.		
80)	tert-Butylbenzene	10.97	119	393	N.D.		
81)	1,2,4-Trimethylbenzene	11.01	105	425	N.D.		
82)	sec-butylbenzene	11.19	105	776	N.D.		
83)	4-Isopropyltoluene	11.34	119	761	N.D.		
84)	1,3-Dichlorobenzene	11.27	146	275	N.D.		
85)	1,4-Dichlorobenzene	11.36	146	465	N.D.		
86)	n-Butylbenzene	11.74	91	919	N.D.		
87)	1,2-Dichlorobenzene	11.72	146	142	N.D.		
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
89)	1,2,4-Trichlorobenzene	13.31	180	430	N.D.		
90)	Hexachlorobutadiene	13.50	225	275	N.D.		
91)	Naphthalene	13.55	128	616	N.D.		
92)	1,2,3-Trichlorobenzene	13.79	180	314	N.D.		

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

TIC FORMS

SDG JPL25

VOLATILES ANALYSIS

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
B112706MVOWY1

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

SDG No.: JPL25
Run Sequence: R012937

Matrix: (SOIL/WATER) Water
Lab Sample ID: B112706MVOWY1

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: Y1120008.D

Level: (LOW/MED)
Date Collected:

% Moisture: not dec.
Date Analyzed: 11/27/2006

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\112706\Y1120008.D
Acq On : 27 Nov 2006 14:01
Sample : B112706MVOWY1
Misc : 5mLpfw+IS/SS(MV8-35-10)
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Library : D:\DATABASE\NIST129K.L

Vial: 21
Operator: LH
Inst : yoda
Multiplr: 1.00

No Library Search Compounds Detected

****
Y1120008.D 8260B.M Wed Dec 13 17:34:45 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
B112906MVOWY1

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

SDG No.: JPL25
Run Sequence: R012939

Matrix: (SOIL/WATER) Water
Lab Sample ID: B112906MVOWY1

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: Y1129008.D

Level: (LOW/MED)
Date Collected:

% Moisture: not dec.
Date Analyzed: 11/29/2006

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\112906\Y1129008.D Vial: 21
Acq On : 29 Nov 2006 14:07 Operator: LH
Sample : B112906MVOWY1 Inst : yoda
Misc : 5mLpfw+IS/SS(MV8-35-10) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y1129008.D 8260B.M Fri Dec 08 13:39:59 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B120406MVOWY1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL25

Run Sequence: R013202

Matrix: (SOIL/WATER) Water

Lab Sample ID: B120406MVOWY1

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

Lab File ID: Y1204008.D

Level: (LOW/MED)

Date Collected:

% Moisture: not dec.

Date Analyzed: 12/04/2006

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\120406\Y1204008.D Vial: 21
Acq On : 4 Dec 2006 13:04 Operator: LH
Sample : B120406MVOWY1 Inst : yoda
Misc : 5mLpfw+IS/SS(MV8-35-10) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
Y1204008.D 8260B.M Wed Dec 13 17:58:40 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-23-5

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL25

Run Sequence: R012937

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-001

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

Lab File ID: Y1120014.D

Level: (LOW/MED)

Date Collected: 11/22/2006

% Moisture: not dec.

Date Analyzed: 11/27/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 27 Nov 2006 16:29
Data File: X:\MSVOA\YODA\112706\Y1120014.D
Name: JPL25-001 MW-23-5
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1120014.D 8260B.M Tue Nov 28 12:53:22 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-23-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL25

Run Sequence: R012937

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-002

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

Lab File ID: Y1120015.D

Level: (LOW/MED)

Date Collected: 11/22/2006

% Moisture: not dec.

Date Analyzed: 11/27/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 27 Nov 2006 16:53
Data File: X:\MSVOA\YODA\112706\Y1120015.D
Name: JPL25-002 MW-23-4
Misc: 5mL+IS/SS #2
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1120015.D 8260B.M Tue Nov 28 12:54:27 2006

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.: JPL25

Run Sequence: R012937

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-003

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

Lab File ID: Y1120016.D

Level: (LOW/MED)

Date Collected: 11/22/2006

% Moisture: not dec.

Date Analyzed: 11/27/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 27 Nov 2006 17:17
Data File: X:\MSVOA\YODA\112706\Y1120016.D
Name: JPL25-003 MW-23-3
Misc: 5mL+IS/SS #2
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1120016.D 8260B.M Tue Nov 28 12:55:21 2006

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.: JPL25

Run Sequence: R012937

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-004

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

Lab File ID: Y1120017.D

Level: (LOW/MED)

Date Collected: 11/22/2006

% Moisture: not dec.

Date Analyzed: 11/27/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 27 Nov 2006 17:42
Data File: X:\MSVOA\YODA\112706\Y1120017.D
Name: JPL25-004 MW-23-2
Misc: 5mL+IS/SS #7
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1120017.D 8260B.M Tue Nov 28 12:57:09 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
MW-23-2MS

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

SDG No.: JPL25
Run Sequence: R012937

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL25-004MS

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: Y1120025.D

Level: (LOW/MED)
Date Collected: 11/21/2006

% Moisture: not dec.
Date Analyzed: 11/27/2006

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

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

Number TICs Found: 2
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	000108-20-3	Diisopropyl ether	3.545	52	JN
02	000637-92-3	Propane, 2-ethoxy-2-methyl-	4.115	49	JN
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\112706\Y1120025.D
Acq On : 27 Nov 2006 20:57
Sample : JPL25-004MS MW-23-2
Misc : 5mL+IS/SS #7
MS Integration Params: LSCINT.P

Vial: 31
Operator: LH
Inst : yoda
Multiplr: 1.00

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Library : D:\DATABASE\NIST129K.L

****

Peak Number 1 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
3.55	52.30 ug/l	925172	Fluorobenzene	884530	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	90
2	Diisopropyl ether $$ Propane, 2,2'-	102	C6H14O	000108-20-3	83
3	Diisopropyl ether	102	C6H14O	000108-20-3	83
4	Diisopropyl ether	102	C6H14O	000108-20-3	83
5	1-Propanol, 2-(1-methylethoxy)- $$	118	C6H14O2	003944-37-4	72

****

Peak Number 2 Propane, 2-ethoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
4.12	48.71 ug/l	861754	Fluorobenzene	884530	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	83
2	Propane, 2-ethoxy-2-methyl- $$ Ethe	102	C6H14O	000637-92-3	83
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	83
4	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	64
5	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	64

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 27 Nov 2006 20:57
Data File: X:\MSVOA\YODA\112706\Y1120025.D
Name: JPL25-004MS MW-23-2
Misc: 5mL+IS/SS #7
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Diisopropyl ether	3.55	52.3	ug/l	925172	ISTD01	5.76	884530	50.0
Propane, 2-ethoxy-2-	4.12	48.7	ug/l	861754	ISTD01	5.76	884530	50.0

Y1120025.D 8260B.M Tue Nov 28 13:17:24 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
MW-23-2MSD

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

SDG No.: JPL25
Run Sequence: R012937

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL25-004MSD

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: Y1120026.D

Level: (LOW/MED)
Date Collected: 11/21/2006

% Moisture: not dec.
Date Analyzed: 11/27/2006

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

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

Number TICs Found: 2
CONCENTRATION UNITS:
(ug/L or ug/kg) ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	000108-20-3	Diisopropyl ether	3.546	55	JN
02	000637-92-3	Propane, 2-ethoxy-2-methyl-	4.11	49	JN
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\112706\Y1120026.D Vial: 32
Acq On : 27 Nov 2006 21:22 Operator: LH
Sample : JPL25-004MSD MW-23-2 Inst : yoda
Misc : 5mL+IS/SS #7 Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Library : D:\DATABASE\NIST129K.L

****

Peak Number 1 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
3.55	55.17 ug/l	992469	Fluorobenzene	899400	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	91
2	Diisopropyl ether	102	C6H14O	000108-20-3	83
3	Diisopropyl ether	102	C6H14O	000108-20-3	83
4	Diisopropyl ether $$ Propane, 2,2'-	102	C6H14O	000108-20-3	78
5	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	78

****

Peak Number 2 Propane, 2-ethoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
4.11	49.50 ug/l	890396	Fluorobenzene	899400	5.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	83
2	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	83
3	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	83
4	Propane, 2-ethoxy-2-methyl- $$ Ethe	102	C6H14O	000637-92-3	83
5	3-Hexanol, 5-methyl-	116	C7H16O	000623-55-2	64

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 27 Nov 2006 21:22
Data File: X:\MSVOA\YODA\112706\Y1120026.D
Name: JPL25-004MSD MW-23-2
Misc: 5mL+IS/SS #7
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Diisopropyl ether	3.55	55.2	ug/l	992469	ISTD01	5.76	899400	50.0
Propane, 2-ethoxy-2-	4.11	49.5	ug/l	890396	ISTD01	5.76	899400	50.0

Y1120026.D 8260B.M Tue Nov 28 13:21:27 2006

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.: JPL25

Run Sequence: R012939

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-005

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

Lab File ID: Y1129015.D

Level: (LOW/MED)

Date Collected: 11/22/2006

% Moisture: not dec.

Date Analyzed: 11/29/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 29 Nov 2006 16:58
Data File: X:\MSVOA\YODA\112906\Y1129015.D
Name: JPL25-005 MW-23-1
Misc: 5mL+IS/SS #3
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1129015.D 8260B.M Thu Nov 30 11:05:39 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-18-11/21/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL25

Run Sequence: R012939

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-006

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

Lab File ID: Y1129016.D

Level: (LOW/MED)

Date Collected: 11/21/2006

% Moisture: not dec.

Date Analyzed: 11/29/2006

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

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 1

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	001066-40-6	Silanol, trimethyl-	4.497	6.2	JN
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\112906\Y1129016.D Vial: 29
Acq On : 29 Nov 2006 17:22 Operator: LH
Sample : JPL25-006 EB-18-11/21/06 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 Standards for 8 point calibration 8260- 5ML
Library : D:\DATABASE\NIST129K.L

****

Peak Number 1 Silanol, trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
4.50	6.19 ug/l	81177	Fluorobenzene	655973	5.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	83
2	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	74
3	Silanol, trimethyl- $$ Hydroxytrime	90	C3H10OSi	001066-40-6	40
4	tert-Butyldimethylsilanol	132	C6H16OSi	018173-64-3	25
5	Formamide, N-methylthio	75	C2H5NS	000000-00-0	7

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 29 Nov 2006 17:22
Data File: X:\MSVOA\YODA\112906\Y1129016.D
Name: JPL25-006 EB-18-11/21/06
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Silanol, trimethyl-	4.50	6.2	ug/l	81177	ISTD01	5.77	655973	50.0

Y1129016.D 8260B.M Thu Nov 30 11:06:52 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
TB-18-11/21/06

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

SDG No.: JPL25
Run Sequence: R012939

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL25-007

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: Y1129009.D

Level: (LOW/MED)
Date Collected: 11/22/2006

% Moisture: not dec.
Date Analyzed: 11/29/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 29 Nov 2006 14:31
Data File: X:\MSVOA\YODA\112906\Y1129009.D
Name: JPL25-007 TB-18-11/21/06
Misc: 5mL+IS/SS #2
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1129009.D 8260B.M Thu Nov 30 10:59:12 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-24-5

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL25

Run Sequence: R012939

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-008

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

Lab File ID: Y1129017.D

Level: (LOW/MED)

Date Collected: 11/29/2006

% Moisture: not dec.

Date Analyzed: 11/29/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 29 Nov 2006 17:47
Data File: X:\MSVOA\YODA\112906\Y1129017.D
Name: JPL25-008 MW-24-5
Misc: 5mL+IS/SS #3
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1129017.D 8260B.M Thu Nov 30 11:11:06 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-24-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL25

Run Sequence: R012979

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-009

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

Lab File ID: Y1201009.D

Level: (LOW/MED)

Date Collected: 11/29/2006

% Moisture: not dec.

Date Analyzed: 12/01/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 1 Dec 2006 15:13
Data File: X:\MSVOA\YODA\120106\Y1201009.D
Name: JPL25-009 MW-24-4
Misc: 5mL+IS/SS #2
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1201009.D 8260B.M Mon Dec 04 10:14:14 2006

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.: JPL25
Run Sequence: R012979

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL25-010

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: Y1201010.D

Level: (LOW/MED)
Date Collected: 11/29/2006

% Moisture: not dec.
Date Analyzed: 12/01/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 1 Dec 2006 15:38
Data File: X:\MSVOA\YODA\120106\Y1201010.D
Name: JPL25-010 MW-24-3
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1201010.D 8260B.M Mon Dec 04 10:15:14 2006

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.: JPL25

Run Sequence: R012979

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-011

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

Lab File ID: Y1201011.D

Level: (LOW/MED)

Date Collected: 11/29/2006

% Moisture: not dec.

Date Analyzed: 12/01/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 1 Dec 2006 16:03
Data File: X:\MSVOA\YODA\120106\Y1201011.D
Name: JPL25-011 MW-24-2
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1201011.D 8260B.M Mon Dec 04 10:17:20 2006

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.: JPL25

Run Sequence: R012979

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-012

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

Lab File ID: Y1201012.D

Level: (LOW/MED)

Date Collected: 11/29/2006

% Moisture: not dec.

Date Analyzed: 12/01/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 1 Dec 2006 16:27
Data File: X:\MSVOA\YODA\120106\Y1201012.D
Name: JPL25-012 MW-24-1
Misc: 5mL+IS/SS #2
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1201012.D 8260B.M Mon Dec 04 10:19:10 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
EB-19-11/28/06

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

SDG No.: JPL25
Run Sequence: R012979

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL25-013

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: Y1201013.D

Level: (LOW/MED)
Date Collected: 11/29/2006

% Moisture: not dec.
Date Analyzed: 12/01/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 1 Dec 2006 16:51
Data File: X:\MSVOA\YODA\120106\Y1201013.D
Name: JPL25-013 EB-19-11/28/06
Misc: 5mL+IS/SS #2
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1201013.D 8260B.M Mon Dec 04 10:20:07 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
TB-19-11/28/06

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

SDG No.: JPL25
Run Sequence: R012939

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL25-014

Sample wt/vol: 5.00 (g/mL) mL
Lab File ID: Y1129010.D

Level: (LOW/MED)
Date Collected: 11/29/2006

% Moisture: not dec.
Date Analyzed: 11/29/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 29 Nov 2006 14:56
Data File: X:\MSVOA\YODA\112906\Y1129010.D
Name: JPL25-014 TB-19-11/28/06
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1129010.D 8260B.M Thu Nov 30 11:00:10 2006

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 1 Dec 2006 17:16
Data File: X:\MSVOA\YODA\120106\Y1201014.D
Name: JPL25-015 MW-25-5
Misc: 5mL+IS/SS #3
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1201014.D 8260B.M Mon Dec 04 10:23:26 2006

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.: JPL25

Run Sequence: R012979

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-015

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

Lab File ID: Y1201014.D

Level: (LOW/MED)

Date Collected: 11/30/2006

% Moisture: not dec.

Date Analyzed: 12/01/2006

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:

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.: JPL25

Run Sequence: R012979

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-016

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

Lab File ID: Y1201015.D

Level: (LOW/MED)

Date Collected: 11/30/2006

% Moisture: not dec.

Date Analyzed: 12/01/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 1 Dec 2006 17:40
Data File: X:\MSVOA\YODA\120106\Y1201015.D
Name: JPL25-016 MW-25-4
Misc: 5mL+IS/SS #3
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1201015.D 8260B.M Mon Dec 04 10:24:56 2006

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.: JPL25

Run Sequence: R012979

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-017

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

Lab File ID: Y1201016.D

Level: (LOW/MED)

Date Collected: 11/30/2006

% Moisture: not dec.

Date Analyzed: 12/01/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 1 Dec 2006 18:04
Data File: X:\MSVOA\YODA\120106\Y1201016.D
Name: JPL25-017 MW-25-3
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1201016.D 8260B.M Mon Dec 04 10:26:20 2006

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.: JPL25

Run Sequence: R012979

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-018

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

Lab File ID: Y1201017.D

Level: (LOW/MED)

Date Collected: 11/30/2006

% Moisture: not dec.

Date Analyzed: 12/01/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 1 Dec 2006 18:29
Data File: X:\MSVOA\YODA\120106\Y1201017.D
Name: JPL25-018 MW-25-2
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1201017.D 8260B.M Mon Dec 04 10:28:00 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-25-2MS

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL25

Run Sequence: R013202

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-018MS

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

Lab File ID: Y1204022.D

Level: (LOW/MED)

Date Collected: 11/29/2006

% Moisture: not dec.

Date Analyzed: 12/04/2006

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

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 2

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	000108-20-3	Diisopropyl ether	3.546	69	JN
02	000637-92-3	Propane, 2-ethoxy-2-methyl- $	4.116	59	JN
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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 4 Dec 2006 19:42
Data File: X:\MSVOA\YODA\120406\Y1204022.D
Name: JPL25-018MS MW-25-2
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Diisopropyl ether	3.55	68.6	ug/l	1032330	ISTD01	5.77	752635	50.0
Propane, 2-ethoxy-2-	4.12	59.4	ug/l	894848	ISTD01	5.77	752635	50.0

Y1204022.D 8260B.M Tue Dec 05 10:44:45 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-25-2MSD

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL25

Run Sequence: R013202

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-018MSD

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

Lab File ID: Y1204023.D

Level: (LOW/MED)

Date Collected: 11/29/2006

% Moisture: not dec.

Date Analyzed: 12/04/2006

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

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Number TICs Found: 2

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

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	000108-20-3	Diisopropyl ether	3.546	72	JN
02	000637-92-3	Propane, 2-ethoxy-2-methyl- $	4.116	65	JN
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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 4 Dec 2006 20:06
Data File: X:\MSVOA\YODA\120406\Y1204023.D
Name: JPL25-018MSD MW-25-2
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Diisopropyl ether	3.55	72.2	ug/l	989418	ISTD01	5.76	685657	50.0
Propane, 2-ethoxy-2-	4.12	64.8	ug/l	888638	ISTD01	5.76	685657	50.0

Y1204023.D 8260B.M Tue Dec 05 10:48:14 2006

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.: JPL25

Run Sequence: R012979

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-019

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

Lab File ID: Y1201018.D

Level: (LOW/MED)

Date Collected: 11/30/2006

% Moisture: not dec.

Date Analyzed: 12/01/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 1 Dec 2006 18:53
Data File: X:\MSVOA\YODA\120106\Y1201018.D
Name: JPL25-019 MW-25-1
Misc: 5mL+IS/SS #3
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1201018.D 8260B.M Mon Dec 04 10:29:01 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

Dupe-6-4Q06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL25

Run Sequence: R012979

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-020

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

Lab File ID: Y1201019.D

Level: (LOW/MED)

Date Collected: 11/30/2006

% Moisture: not dec.

Date Analyzed: 12/01/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 1 Dec 2006 19:17
Data File: X:\MSVOA\YODA\120106\Y1201019.D
Name: JPL25-020 DUPE-6-4Q06
Misc: 5mL+IS/SS #2
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1201019.D 8260B.M Mon Dec 04 10:30:10 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-20-11/29/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL25

Run Sequence: R012979

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-021

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

Lab File ID: Y1201020.D

Level: (LOW/MED)

Date Collected: 11/30/2006

% Moisture: not dec.

Date Analyzed: 12/01/2006

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:

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 1 Dec 2006 19:41
Data File: X:\MSVOA\YODA\120106\Y1201020.D
Name: JPL25-021 EB-20-11/29/06
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1201020.D 8260B.M Mon Dec 04 10:31:23 2006

Tentatively Identified Compound (LSC) summary

Operator ID: LH Date Acquired: 1 Dec 2006 14:49
Data File: X:\MSVOA\YODA\120106\Y1201008.D
Name: JPL25-022 TB-20-11/29/06
Misc: 5mL+IS/SS #1
Method: X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title: VOA Standards for 8 point calibration 8260- 5ML
Library Searched: D:\DATABASE\NIST129K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc

Y1201008.D 8260B.M Mon Dec 04 10:12:47 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-20-11/29/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL25

Run Sequence: R012979

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL25-022

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

Lab File ID: Y1201008.D

Level: (LOW/MED)

Date Collected: 11/30/2006

% Moisture: not dec.

Date Analyzed: 12/01/2006

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:

Metals Data

JPL25

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL25

SOW No.:

Sample No.	Lab Sample ID
MW-23-5	JPL25-001
MW-23-4	JPL25-002
MW-23-3	JPL25-003
MW-23-2	JPL25-004
MW-23-2MS	JPL25-004MS
MW-23-2MSD	JPL25-004MSD
MW-23-1	JPL25-005
EB-18-11/21/06	JPL25-006
MW-24-5	JPL25-008
MW-24-4	JPL25-009
MW-24-3	JPL25-010
MW-24-2	JPL25-011
MW-24-1	JPL25-012
EB-19-11/28/06	JPL25-013
MW-25-5	JPL25-015
MW-25-4	JPL25-016
MW-25-3	JPL25-017
MW-25-2	JPL25-018
MW-25-2MS	JPL25-018MS
MW-25-2MSD	JPL25-018MSD
MW-25-1	JPL25-019

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: Name: Cheronne Oreiro

Date: 01/04/2007 Title: Metals Lead

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL25

SOW No.:

Sample No.	Lab Sample ID
Dupe-6-4Q06	JPL25-020
EB-20-11/29/06	JPL25-021

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:

Date: Title:

Metals Analysis Data Sheets

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-23-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-001

Level (low/med): LOW Date Received: 11/22/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.83			M	R013890

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.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-002

Level (low/med): LOW Date Received: 11/22/2006

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.36			M	R013890

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.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-003

Level (low/med): LOW Date Received: 11/22/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	4.06			M	R013890

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.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-004

Level (low/med): LOW Date Received: 11/22/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.00	U		M	R013950

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.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-005

Level (low/med): LOW Date Received: 11/22/2006

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.08			M	R013950

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

SW-846

-1-

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-18-11/21/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-006

Level (low/med): LOW Date Received: 11/22/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.20		E	M	R013686

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-24-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-008

Level (low/med): LOW Date Received: 11/29/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.26			M	R013950

Color Before: Clarity Before: Texture:

Color After: Clarity After: Artifacts: No

Comment

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.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-009

Level (low/med): LOW Date Received: 11/29/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.64		E	M	R013686

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-24-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-010

Level (low/med): LOW Date Received: 11/29/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.00	U		M	R013950

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.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-011

Level (low/med): LOW Date Received: 11/29/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.56			M	R013950

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.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-012

Level (low/med): LOW Date Received: 11/29/2006

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.00	U		M	R013950

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-19-11/28/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-013

Level (low/med): LOW Date Received: 11/29/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.19		E	M	R013686

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-25-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-015

Level (low/med): LOW Date Received: 11/30/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.72		E	M	R013686

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-25-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-016

Level (low/med): LOW Date Received: 11/30/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.82		E	M	R013686

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-25-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-017

Level (low/med): LOW Date Received: 11/30/2006

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.21			M	R013950

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.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-018

Level (low/med): LOW Date Received: 11/30/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.65		E	M	R013686

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-25-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-019

Level (low/med): LOW Date Received: 11/30/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.39		E	M	R013686

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.

Dupe-6-4Q06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-020

Level (low/med): LOW Date Received: 11/30/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.86		E	M	R013686

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-20-11/29/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL25

Matrix (soil/water): Water Lab Sample ID: JPL25-021

Level (low/med): LOW Date Received: 11/30/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.64		E	M	R013686

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts: No

Comment

Miscellaneous Inorganic Data

JPL25

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LAUCKS TESTING LABS, INC.

Lab Code: LAUCKS SDG No.: JPL25

Client Identification	Lab Sample Work Order Number
MW-23-5	JPL25-001
MW-23-4	JPL25-002
MW-23-3	JPL25-003
MW-23-2	JPL25-004
MW-23-2MS	JPL25-004MS
MW-23-2MSD	JPL25-004MSD
MW-23-1	JPL25-005
EB-18-11/21/06	JPL25-006
MW-24-5	JPL25-008
MW-24-4	JPL25-009
MW-24-3	JPL25-010
MW-24-2	JPL25-011
MW-24-1	JPL25-012
MW-24-1MS	JPL25-012MS
MW-24-1MSD	JPL25-012MSD
EB-19-11/28/06	JPL25-013
MW-25-5	JPL25-015
MW-25-4	JPL25-016
MW-25-3	JPL25-017
MW-25-2	JPL25-018
MW-25-2MS	JPL25-018MS
MW-25-2MSD	JPL25-018MSD
MW-25-1	JPL25-019
Dupe-6-4Q06	JPL25-020
EB-20-11/29/06	JPL25-021

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: 12-13-06 Title: Inorganics Lead

Inorganic Analysis Data Sheets

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	MW-23-5	**Date/Time Collected:**	11/21/2006 07:49
Lab Sample ID:	JPL25-001	**Date/Time Received:**	11/22/2006 10:30
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	1.1	12/04/2006	12/05/2006	R013091

FORM LTL-RSR-27.0

INO - 4

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	MW-23-4	**Date/Time Collected:**	11/21/2006 08:19
Lab Sample ID:	JPL25-002	**Date/Time Received:**	11/22/2006 10:30
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	1.1	12/04/2006	12/05/2006	R013091

FORM LTL-RSR-27.0

INO - 5

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	MW-23-3	**Date/Time Collected:**	11/21/2006 08:51
Lab Sample ID:	JPL25-003	**Date/Time Received:**	11/22/2006 10:30
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	1.1	12/04/2006	12/05/2006	R013091

FORM LTL-RSR-27.0

INO - 6

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	MW-23-2	**Date/Time Collected:**	11/21/2006 09:27
Lab Sample ID:	JPL25-004	**Date/Time Received:**	11/22/2006 10:30
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.2		4.0	2.2	12/04/2006	12/05/2006	R013091

FORM LTL-RSR-27.0

INO - 7

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	MW-23-1	**Date/Time Collected:**	11/21/2006 10:18
Lab Sample ID:	JPL25-005	**Date/Time Received:**	11/22/2006 10:30
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	2.2	12/04/2006	12/05/2006	R013091

FORM LTL-RSR-27.0

INO - 8

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	EB-18-11/21/06	**Date/Time Collected:**	11/21/2006 09:40
Lab Sample ID:	JPL25-006	**Date/Time Received:**	11/22/2006 10:30
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	0.54	12/04/2006	12/05/2006	R013091

FORM LTL-RSR-27.0

INO - 9

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	MW-24-5	**Date/Time Collected:**	11/28/2006 07:50
Lab Sample ID:	JPL25-008	**Date/Time Received:**	11/29/2006 09:45
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	1.1	12/04/2006	12/05/2006	R013091

FORM LTL-RSR-27.0

INO - 10

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	MW-24-4	**Date/Time Collected:**	11/28/2006 08:32
Lab Sample ID:	JPL25-009	**Date/Time Received:**	11/29/2006 09:45
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	1.1	12/04/2006	12/05/2006	R013091

FORM LTL-RSR-27.0

INO - 11

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	MW-24-3	**Date/Time Collected:**	11/28/2006 09:16
Lab Sample ID:	JPL25-010	**Date/Time Received:**	11/29/2006 09:45
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	1.1	12/04/2006	12/05/2006	R013091

FORM LTL-RSR-27.0

INO - 12

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	MW-24-2	**Date/Time Collected:**	11/28/2006 09:54
Lab Sample ID:	JPL25-011	**Date/Time Received:**	11/29/2006 09:45
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	43		4.0	2.2	12/04/2006	12/05/2006	R013091

FORM LTL-RSR-27.0

INO - 13

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle
Project: JPL Groundwater Monitoring
SDG Number: JPL25
Sample Number: MW-24-1
Date/Time Collected: 11/28/2006 10:57
Lab Sample ID: JPL25-012
Date/Time Received: 11/29/2006 09:45
Method: E300.0
Unit: mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Nitrate - N	14797-55-8	1	1.6		0.040	0.017	11/29/2006	11/29/2006	R012929
Nitrite - N	14797-65-0	1	0.050	U	0.050	0.021	11/29/2006	11/29/2006	R012929
Sulfate as SO4	14808-79-8	10	45		10	0.88	11/29/2006	11/29/2006	R012929
Orthophosphate	7723-14-0	1	0.10	U	0.10	0.092	11/29/2006	11/29/2006	R012929

FORM LTL-RSR-27.0

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	MW-24-1RX	**Date/Time Collected:**	11/28/2006 10:57
Lab Sample ID:	JPL25-012	**Date/Time Received:**	11/29/2006 09:45
Method:	E300.0	**Unit:**	mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Chloride	16887-00-6	10	33		2.0	0.70	12/08/2006	12/08/2006	R013262

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	MW-24-1	**Date/Time Collected:**	11/28/2006 10:57
Lab Sample ID:	JPL25-012	**Date/Time Received:**	11/29/2006 09:45
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	200	590		200	110	12/06/2006	12/07/2006	R013137

FORM LTL-RSR-27.0

INO - 16

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	EB-19-11/28/06	**Date/Time Collected:**	11/28/2006 10:36
Lab Sample ID:	JPL25-013	**Date/Time Received:**	11/29/2006 09:45
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	0.54	12/06/2006	12/07/2006	R013137

FORM LTL-RSR-27.0

INO - 17

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	MW-25-5	**Date/Time Collected:**	11/29/2006 07:58
Lab Sample ID:	JPL25-015	**Date/Time Received:**	11/30/2006 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	1.1	12/04/2006	12/05/2006	R013091

FORM LTL-RSR-27.0

INO - 18

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	MW-25-4	**Date/Time Collected:**	11/29/2006 08:37
Lab Sample ID:	JPL25-016	**Date/Time Received:**	11/30/2006 09:00
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	2.2	12/04/2006	12/05/2006	R013091

FORM LTL-RSR-27.0

INO - 19

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	MW-25-3	**Date/Time Collected:**	11/29/2006 09:13
Lab Sample ID:	JPL25-017	**Date/Time Received:**	11/30/2006 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	11		4.0	2.2	12/06/2006	12/07/2006	R013137

FORM LTL-RSR-27.0

INO - 20

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	MW-25-2	**Date/Time Collected:**	11/29/2006 09:48
Lab Sample ID:	JPL25-018	**Date/Time Received:**	11/30/2006 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	15		4.0	2.2	12/06/2006	12/07/2006	R013137

FORM LTL-RSR-27.0

INO - 21

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	MW-25-1	**Date/Time Collected:**	11/29/2006 10:47
Lab Sample ID:	JPL25-019	**Date/Time Received:**	11/30/2006 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	8.5		4.0	2.2	12/06/2006	12/07/2006	R013137

FORM LTL-RSR-27.0

INO - 22

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	Dupe-6-4Q06	**Date/Time Collected:**	11/29/2006 00:00
Lab Sample ID:	JPL25-020	**Date/Time Received:**	11/30/2006 09:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	8.0		4.0	2.2	12/06/2006	12/07/2006	R013137

FORM LTL-RSR-27.0

INO - 23

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL25		
Sample Number:	EB-20-11/29/06	**Date/Time Collected:**	11/29/2006 10:31
Lab Sample ID:	JPL25-021	**Date/Time Received:**	11/30/2006 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	0.54	12/06/2006	12/07/2006	R013137

FORM LTL-RSR-27.0

INO - 24

SAMPLE DATA

SDG JPL26

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.: JPL26 Run Sequence: R013147

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL26-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1204017.D

Level: (LOW/MED) Date Collected: 11/30/2006

% Moisture: not dec. Date/Time Analyzed: 12/04/2006 17:41

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-26-2

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

SDG No.: JPL26 Run Sequence: R013147

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL26-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1204017.D

Level: (LOW/MED) Date Collected: 11/30/2006

% Moisture: not dec. Date/Time Analyzed: 12/04/2006 17:41

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-26-2

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

SDG No.: JPL26 Run Sequence: R013147

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL26-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1204017.D

Level: (LOW/MED) Date Collected: 11/30/2006

% Moisture: not dec. Date/Time Analyzed: 12/04/2006 17:41

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

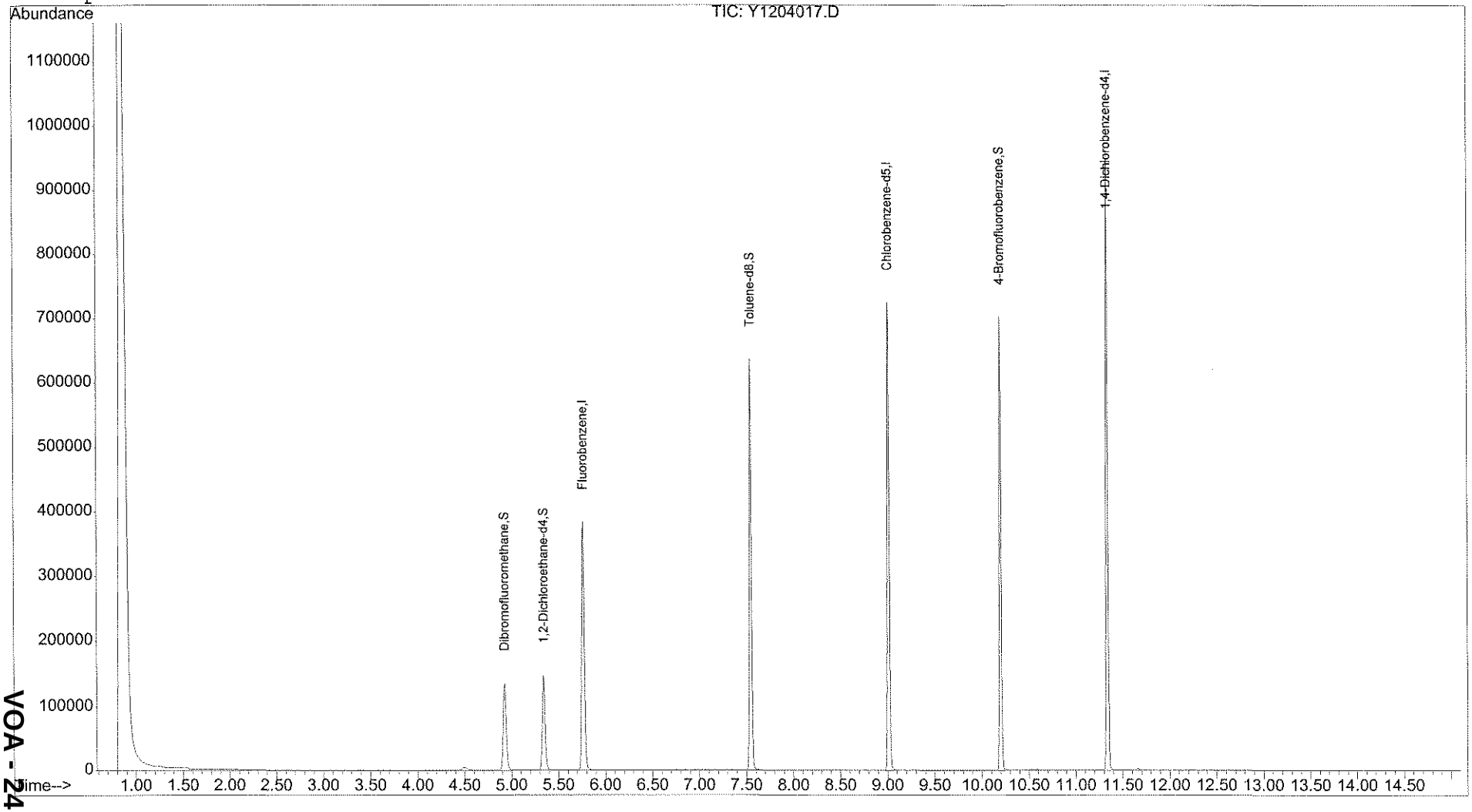
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\120406\Y1204017.D Vial: 26
Acq On : 4 Dec 2006 17:41 Operator: LH
Sample : JPL26-001 MW-26-2 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 10:32 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 24

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\120406\Y1204017.D Vial: 26
Acq On : 4 Dec 2006 17:41 Operator: LH
Sample : JPL26-001 MW-26-2 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 10:32 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.77	96	354210	50.00	ug/l	0.00
50) Chlorobenzene-d5	9.01	82	191468	50.00	ug/l	0.00
70) 1,4-Dichlorobenzene-d4	11.34	152	214016	50.00	ug/l	0.00
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	97847	46.54	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	109043	58.21	ug/l	0.00
51) Toluene-d8	7.55	98	371779	47.96	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	186438	61.36	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.16	43	136	Below Cal #		41
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) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		
33) 1,1,1-Trichloroethane	0.00	97	0	N.D.		

LW 10/5/06

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

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\120406\Y1204017.D Vial: 26
Acq On : 4 Dec 2006 17:41 Operator: LH
Sample : JPL26-001 MW-26-2 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 10:32 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	Methyl methacrylate	0.00	41	0	N.D.		
37)	1,1-Dichloropropene	0.00	75	0	N.D.		
39)	Benzene	0.00	78	0	N.D.		
40)	1,2-Dichloroethane	0.00	62	0	N.D.		
41)	Isobutanol	0.00	43	0	N.D.		
42)	Trichloroethene	0.00	130	0	N.D.		
43)	Methylcyclohexane	0.00	83	0	N.D.		
44)	1,2-Dichloropropane	0.00	63	0	N.D.		
45)	Dibromomethane	0.00	93	0	N.D.		
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
47)	Bromodichloromethane	0.00	83	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	7.54	43	1513	~~Below Cal # 1~~		
52)	Toluene	7.61	92	66	N.D.		
53)	Ethyl methacrylate	0.00	69	0	N.D.		
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	0.00	166	0	N.D.		
57)	2-Hexanone	0.00	43	0	N.D.		
58)	1,3-Dichloropropane	0.00	76	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	9.18	91	67	N.D.		
63)	Ethylbenzene	9.18	91	67	N.D.		
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	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	62	N.D.		
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
73)	n-Propylbenzene	0.00	120	0	N.D.		
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
75)	Bromobenzene	0.00	156	0	N.D.		
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
77)	2-Chlorotoluene	10.47	91	211	N.D.		
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
79)	4-Chlorotoluene	10.47	91	211	N.D.		

LH DK 12/6

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

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\120406\Y1204017.D Vial: 26
Acq On : 4 Dec 2006 17:41 Operator: LH
Sample : JPL26-001 MW-26-2 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 10:32 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.02	105	75	N.D.	
82)	sec-butylbenzene	11.18	105	84	N.D.	
83)	4-Isopropyltoluene	11.34	119	250	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	11.74	91	231	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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-26-1

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL26

Run Sequence: R013147

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL26-002

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

Lab File ID: Y1204018.D

Level: (LOW/MED)

Date Collected: 11/30/2006

% Moisture: not dec.

Date/Time Analyzed: 12/04/2006 18:06

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-26-1

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

SDG No.: JPL26 Run Sequence: R013147

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL26-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1204018.D

Level: (LOW/MED) Date Collected: 11/30/2006

% Moisture: not dec. Date/Time Analyzed: 12/04/2006 18:06

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-26-1

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

SDG No.: JPL26 Run Sequence: R013147

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL26-002

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1204018.D

Level: (LOW/MED) Date Collected: 11/30/2006

% Moisture: not dec. Date/Time Analyzed: 12/04/2006 18:06

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

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

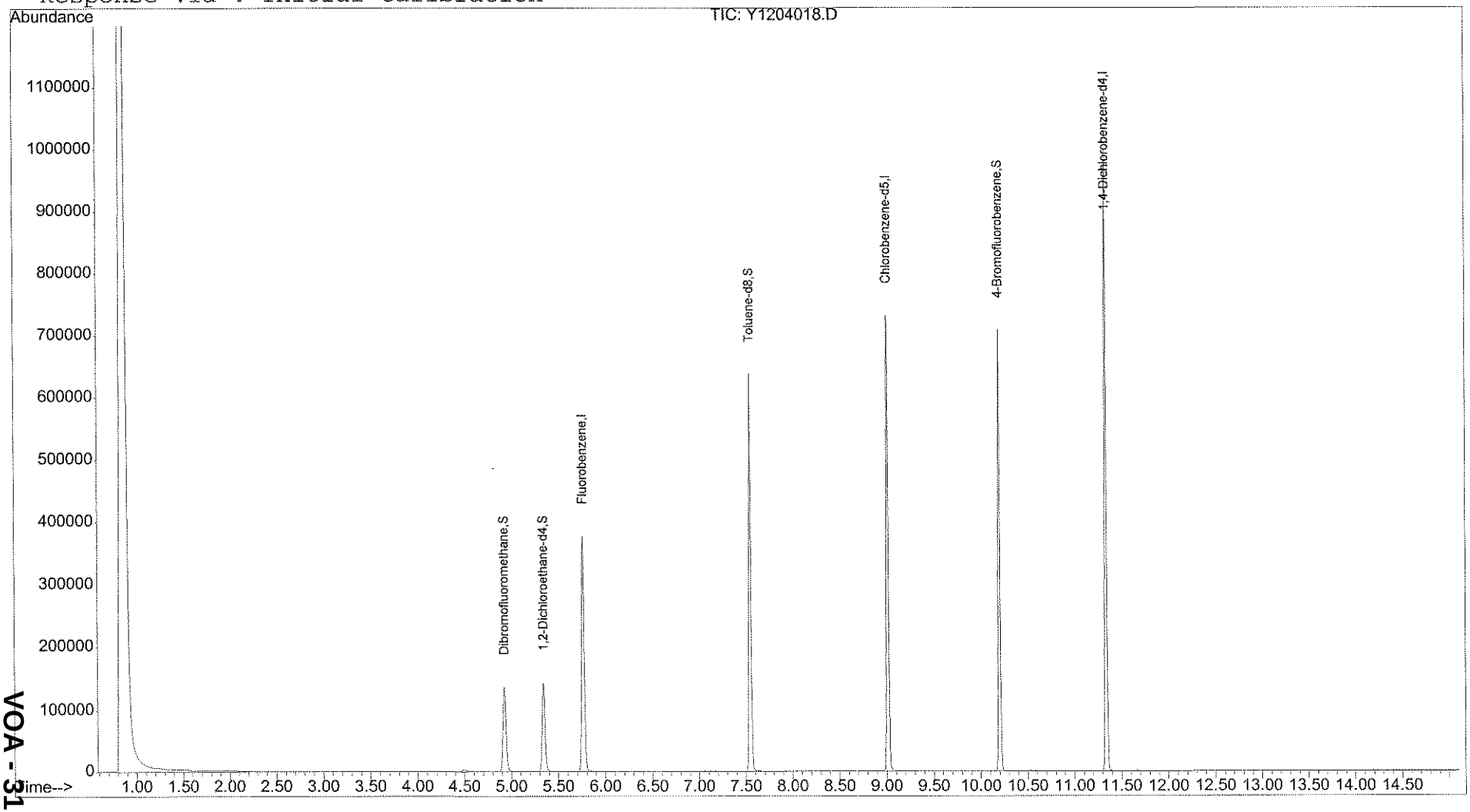
Heated Purge: (Y/N) N

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\120406\Y1204018.D Vial: 27
Acq On : 4 Dec 2006 18:06 Operator: LH
Sample : JPL26-002 MW-26-1 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 10:33 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA - 31

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\120406\Y1204018.D Vial: 27
Acq On : 4 Dec 2006 18:06 Operator: LH
Sample : JPL26-002 MW-26-1 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 10:33 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.77	96	346588	50.00	ug/l	0.00
50) Chlorobenzene-d5	9.01	82	191863	50.00	ug/l	0.00
70) 1,4-Dichlorobenzene-d4	11.34	152	217777	50.00	ug/l	0.00
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	98743	48.00	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	109469	59.72	ug/l	0.00
51) Toluene-d8	7.55	98	376986	48.53	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	188225	60.88	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	0.00	101	0	N.D.		
11) Acetone	2.16	43	554	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) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	0.00	84	0	N.D.		
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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.		
33) 1,1,1-Trichloroethane	0.00	97	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\120406\Y1204018.D Vial: 27
Acq On : 4 Dec 2006 18:06 Operator: LH
Sample : JPL26-002 MW-26-1 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 10:33 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	Methyl methacrylate	0.00	41	0	N.D.		
37)	1,1-Dichloropropene	0.00	75	0	N.D.		
39)	Benzene	0.00	78	0	N.D.		
40)	1,2-Dichloroethane	0.00	62	0	N.D.		
41)	Isobutanol	0.00	43	0	N.D.		
42)	Trichloroethene	0.00	130	0	N.D.		
43)	Methylcyclohexane	0.00	83	0	N.D.		
44)	1,2-Dichloropropane	0.00	63	0	N.D.		
45)	Dibromomethane	0.00	93	0	N.D.		
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.		
47)	Bromodichloromethane	0.00	83	0	N.D.		
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
49)	4-Methyl-2-pentanone	7.55	43	1622	~~Below Cal~~	~~#~~	1
52)	Toluene	7.62	92	56	N.D.		
53)	Ethyl methacrylate	0.00	69	0	N.D.		
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
56)	Tetrachloroethene	8.17	166	66	N.D.		
57)	2-Hexanone	0.00	43	0	N.D.		
58)	1,3-Dichloropropane	0.00	76	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	9.18	91	64	N.D.		
63)	Ethylbenzene	9.29	91	620	N.D.		
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
65)	m,p-Xylene	9.30	106	166	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	141	N.D.		
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
73)	n-Propylbenzene	0.00	120	0	N.D.		
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
75)	Bromobenzene	0.00	156	0	N.D.		
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
77)	2-Chlorotoluene	10.47	91	53	N.D.		
78)	1,3,5-Trimethylbenzene	10.65	105	53	N.D.		
79)	4-Chlorotoluene	10.47	91	53	N.D.		

MJ 12/5/2006

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

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\120406\Y1204018.D Vial: 27
Acq On : 4 Dec 2006 18:06 Operator: LH
Sample : JPL26-002 MW-26-1 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 10:33 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	56	N.D.	
82)	sec-butylbenzene	11.19	105	53	N.D.	
83)	4-Isopropyltoluene	11.34	119	234	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	11.74	91	151	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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.

EB-21-11/30/06

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

SDG No.: JPL26 Run Sequence: R013147

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL26-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1204019.D

Level: (LOW/MED) _____ Date Collected: 11/30/2006

% Moisture: not dec. _____ Date/Time Analyzed: 12/04/2006 18:30

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-21-11/30/06

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

SDG No.: JPL26 Run Sequence: R013147

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL26-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1204019.D

Level: (LOW/MED) Date Collected: 11/30/2006

% Moisture: not dec. Date/Time Analyzed: 12/04/2006 18:30

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-21-11/30/06

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

SDG No.: JPL26 Run Sequence: R013147

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL26-003

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1204019.D

Level: (LOW/MED) Date Collected: 11/30/2006

% Moisture: not dec. Date/Time Analyzed: 12/04/2006 18:30

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

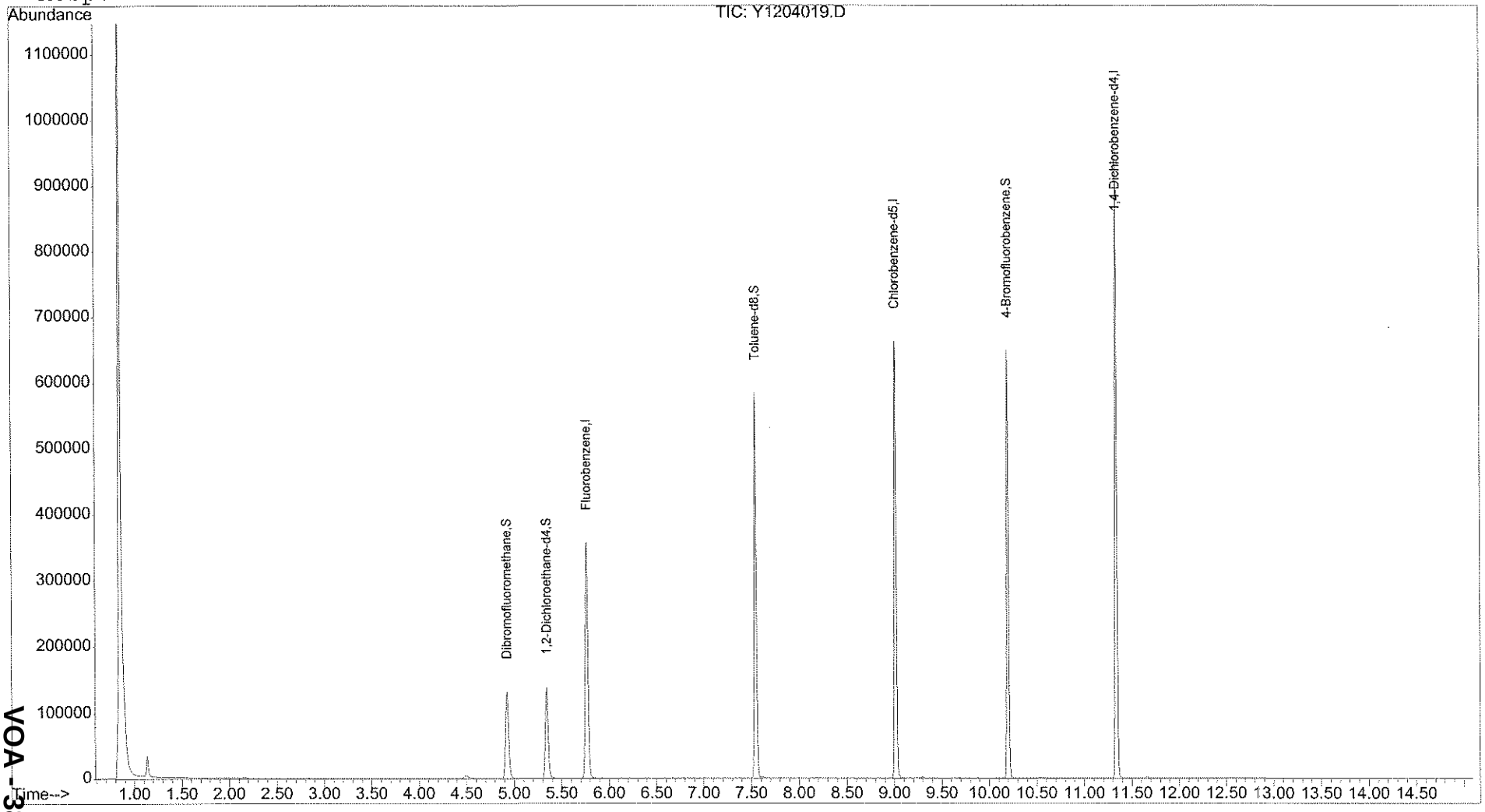
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\120406\Y1204019.D Vial: 28
Acq On : 4 Dec 2006 18:30 Operator: LH
Sample : JPL26-003 EB-21-11/30/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 10:35 2006 Quant Results File: 8260B.RES

Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration



VOA-38

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\120406\Y1204019.D Vial: 28
Acq On : 4 Dec 2006 18:30 Operator: LH
Sample : JPL26-003 EB-21-11/30/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 10:35 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.77	96	327724	50.00	ug/l	0.00
50) Chlorobenzene-d5	9.01	82	176020	50.00	ug/l	0.00
70) 1,4-Dichlorobenzene-d4	11.34	152	211049	50.00	ug/l	0.00
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	94524	48.59	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	101245	58.41	ug/l	0.00
51) Toluene-d8	7.55	98	341784	47.96	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	173179	57.80	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) 1,1-Dichloroethene	0.00	96	0	N.D.		
9) Acrolein	0.00	56	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) Acetonitrile	0.00	40	0	N.D.	d	
16) Allyl chloride	0.00	76	0	N.D.		
17) Methyl Acetate	0.00	43	0	N.D.		
18) Methylene Chloride	2.52	84	53	~~Below Cal #~~		1
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	0.00	63	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	4.36	43	74	~~Below Cal #~~		57
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	307	N.D.		
33) 1,1,1-Trichloroethane	0.00	97	0	N.D.		

LH 12/5/06

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

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\120406\Y1204019.D Vial: 28
Acq On : 4 Dec 2006 18:30 Operator: LH
Sample : JPL26-003 EB-21-11/30/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 10:35 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
34)	Cyclohexane	0.00	56	0	N.D.	
35)	Carbon Tetrachloride	0.00	117	0	N.D.	
36)	Methyl methacrylate	0.00	41	0	N.D.	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.40	78	53	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Isobutanol	0.00	43	0	N.D.	
42)	Trichloroethene	0.00	130	0	N.D.	
43)	Methylcyclohexane	0.00	83	0	N.D.	
44)	1,2-Dichloropropane	0.00	63	0	N.D.	
45)	Dibromomethane	0.00	93	0	N.D.	
46)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
47)	Bromodichloromethane	0.00	83	0	N.D.	
48)	cis-1,3-Dichloropropene	0.00	75	0	N.D.	
49)	4-Methyl-2-pentanone	7.55	43	1456	~~Below Cal #~~	1
52)	Toluene	7.61	92	747	N.D.	
53)	Ethyl methacrylate	0.00	69	0	N.D.	
54)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
55)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
56)	Tetrachloroethene	0.00	166	0	N.D.	
57)	2-Hexanone	0.00	43	0	N.D.	
58)	1,3-Dichloropropane	0.00	76	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	9.17	91	318	N.D.	
63)	Ethylbenzene	9.17	91	318	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.29	106	661	N.D.	
66)	o-xylene	9.69	106	57	N.D.	
67)	Styrene	0.00	104	0	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.19	105	123	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	0.00	120	0	N.D.	
74)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
75)	Bromobenzene	0.00	156	0	N.D.	
76)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
77)	2-Chlorotoluene	10.47	91	56	N.D.	
78)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
79)	4-Chlorotoluene	10.47	91	56	N.D.	

LH 12/8/06

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

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\YODA\120406\Y1204019.D Vial: 28
Acq On : 4 Dec 2006 18:30 Operator: LH
Sample : JPL26-003 EB-21-11/30/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 10:35 2006 Quant Results File: 8260B.RES

Quant Method : X:\MSVOA\YODA\QUANT\8260B.M (RTE Integrator)
Title : VOA Standards for 8 point calibration 8260- 5ML
Last Update : Wed Nov 22 10:01:26 2006
Response via : Initial Calibration
DataAcq Meth : 8260B

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	114	N.D.	
82)	sec-butylbenzene	11.18	105	53	N.D.	
83)	4-Isopropyltoluene	11.34	119	77	N.D.	
84)	1,3-Dichlorobenzene	0.00	146	0	N.D.	
85)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
86)	n-Butylbenzene	11.74	91	127	N.D.	
87)	1,2-Dichlorobenzene	0.00	146	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	13.55	128	310	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.

TB-21-11/30/06

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

SDG No.: JPL26 Run Sequence: R013147

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL26-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1204015.D

Level: (LOW/MED) Date Collected: 11/30/2006

% Moisture: not dec. Date/Time Analyzed: 12/04/2006 16:53

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