ATTACHMENT 3: LABORATORY ANALYTICAL REPORTS (SUMMARY SHEETS)

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

SAMPLE DATA

SDG # JPL21

Volatiles Analysis

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-5

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106023.D

Level: (LOW/MED) Date Collected: 10/27/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 15:40

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-20-5

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106023.D

Level: (LOW/MED) Date Collected: 10/27/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 15:40

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	0.29	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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-5

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106023.D

Level: (LOW/MED) Date Collected: 10/27/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 15:40

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

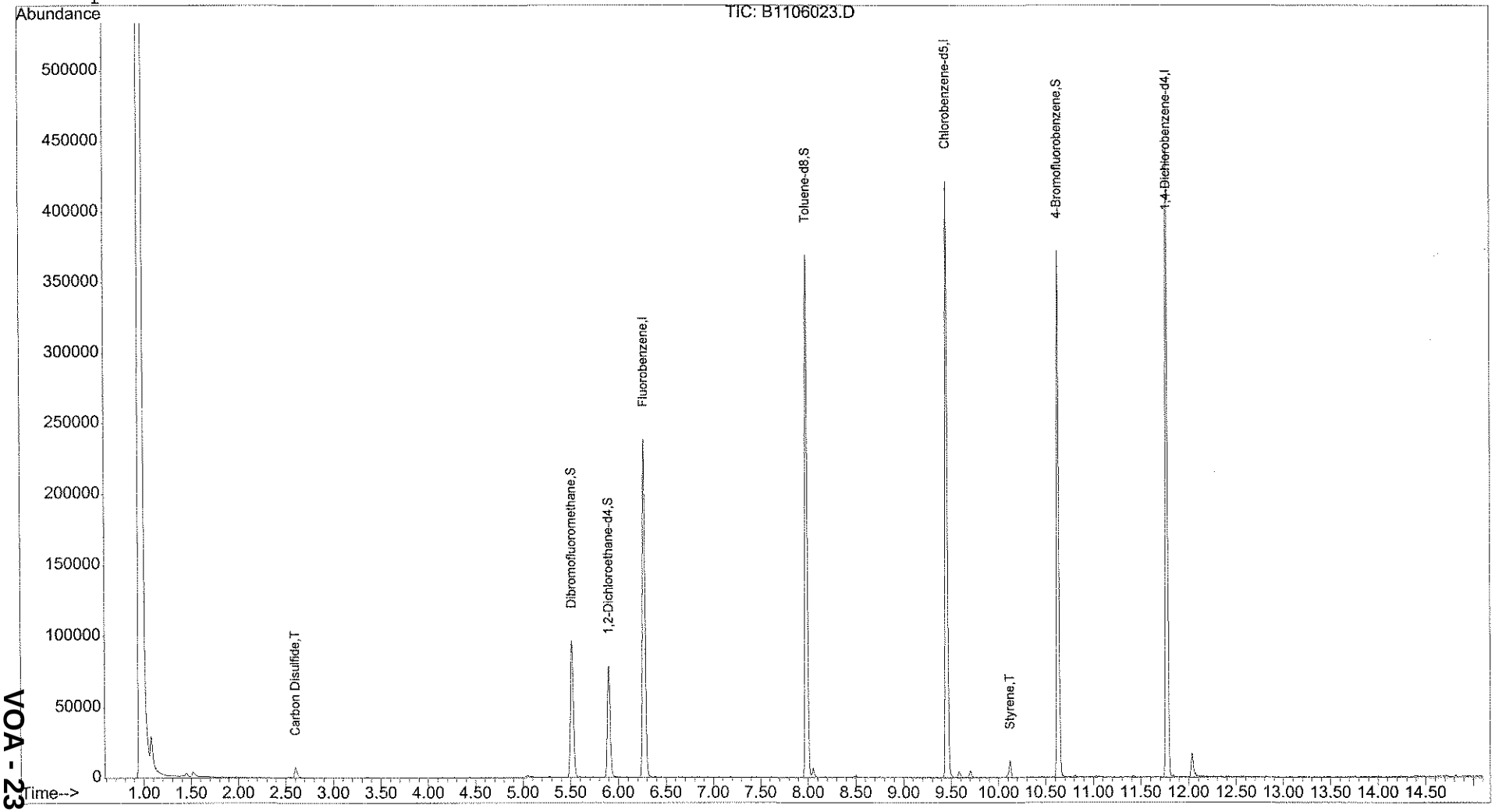
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106023.D Vial: 14
Acq On : 6 Nov 2006 15:40 Operator: DGA
Sample : JPL21-001 MW-20-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:44 2006 Quant Results File: 826025ML.RES

Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration



VOA - 23

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106023.D Vial: 14
Acq On : 6 Nov 2006 15:40 Operator: DGA
Sample : JPL21-001 MW-20-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:44 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : G:\BUDDHA\BUDDHA\090806\B1103009.D (3 Nov 2006 13:31)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	201830	10.00 ug/l	0.00 64.89%
51) Chlorobenzene-d5	9.45	82	110246	10.00 ug/l	0.00 68.87%
71) 1,4-Dichlorobenzene-d4	11.77	152	116539	10.00 ug/l	0.00 60.49%
System Monitoring Compounds					
32) Dibromofluoromethane	5.51	111	62026	10.92 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	67705	11.65 ug/l	0.00
52) Toluene-d8	7.99	98	227391	10.51 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	96492	11.61 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	96	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) 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	2.61	76	11328	0.92 ug/l	100
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	40	0	N.D. d	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	0.00	84	0	N.D.	
19) 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. d	
22) Vinyl acetate	4.10	43	33	N.D.	
23) 1,1-Dichloroethane	0.00	63	0	N.D.	
24) Chloroprene	0.00	53	0	N.D. d	
25) 2,2-Dichloropropane	4.70	77	34	N.D.	
26) cis-1,2-Dichloroethene	4.86	96	35	N.D.	

(#) = qualifier out of range (m) = manual integration
B1106023.D 826025ML.M Tue Nov 07 06:44:52 2006

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106023.D Vial: 14
Acq On : 6 Nov 2006 15:40 Operator: DGA
Sample : JPL21-001 MW-20-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:44 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
27)	Propionitrile	5.04	54	32	N.D.	
28)	2-Butanone	4.97	43	65	N.D.	
29)	Bromochloromethane	0.00	128	0	N.D.	
30)	Methacrylonitrile	5.26	41	41	N.D.	
31)	Chloroform	0.00	83	0	N.D.	
33)	1,1,1-Trichloroethane	5.42	97	38	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	0.00	75	0	N.D.	
39)	Benzene	5.92	78	93	N.D.	
40)	1,2-Dichloroethane	5.91	62	34	N.D.	
41)	Trichloroethene	0.00	130	0	N.D.	
42)	Methylcyclohexane	7.01	83	30	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	7.03	41	29	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	0.00	83	0	N.D.	
49)	cis-1,3-Dichloropropene	7.63	75	38	N.D.	
50)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d
53)	Toluene	8.06	92	1924	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	trans-1,3-Dichloropropene	8.52	75	39	N.D.	
56)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
57)	Tetrachloroethene	8.61	166	29	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	d
59)	1,3-Dichloropropane	8.72	76	39	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	2891	N.D.	
64)	Ethylbenzene	9.59	91	2891	N.D.	
65)	1,1,1,2-Tetrachloroethane	9.81	131	31	N.D.	
66)	m,p-Xylene	9.70	106	1315	N.D.	
67)	o-xylene	10.10	106	337	N.D.	
68)	Styrene	10.12	104	5047	0.29 ug/l	# 57
69)	Bromoform	10.26	173	36	N.D.	
70)	Isopropylbenzene	10.46	105	121	N.D.	
73)	1,1,2,2-Tetrachloroethane	11.06	83	36	N.D.	

(#) = qualifier out of range (m) = manual integration
B1106023.D 826025ML.M Tue Nov 07 06:44:52 2006

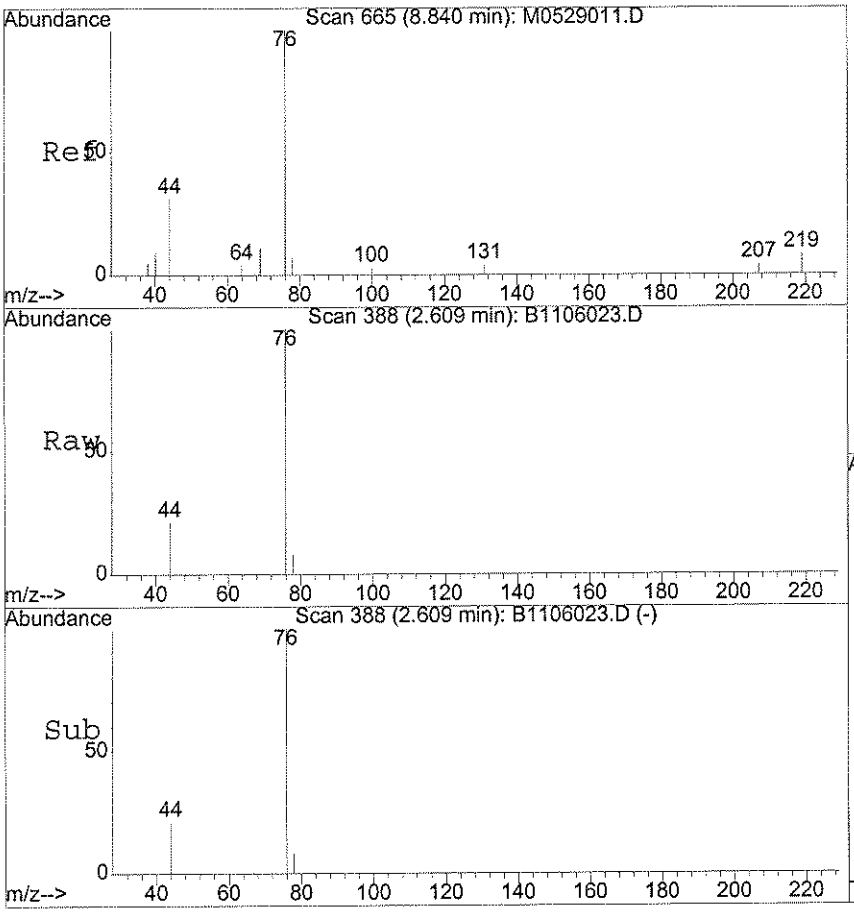
Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106023.D Vial: 14
Acq On : 6 Nov 2006 15:40 Operator: DGA
Sample : JPL21-001 MW-20-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:44 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260

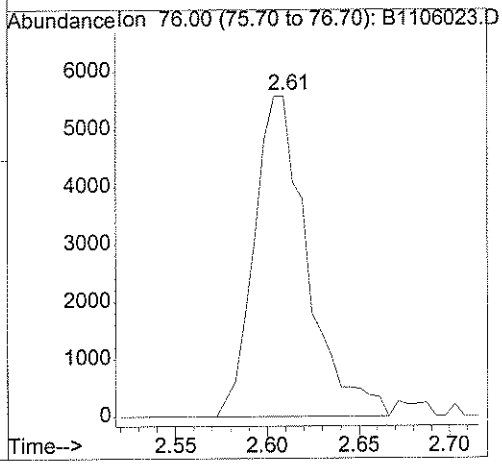
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	n-Propylbenzene	10.87	120	47	N.D.	
75)	trans-1,4-Dichloro-2-buten	10.73	53	41	N.D.	
76)	Bromobenzene	10.69	156	32	N.D.	
77)	1,2,3-Trichloropropane	10.80	110	30	N.D.	
78)	2-Chlorotoluene	10.98	91	39	N.D.	
79)	1,3,5-Trimethylbenzene	11.05	105	98	N.D.	
80)	4-Chlorotoluene	11.07	91	31	N.D.	
81)	tert-Butylbenzene	11.36	119	34	N.D.	
82)	1,2,4-Trimethylbenzene	11.42	105	361	N.D.	
83)	sec-butylbenzene	11.58	105	75	N.D.	
84)	4-Isopropyltoluene	11.74	119	91	N.D.	
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d
86)	1,4-Dichlorobenzene	11.77	146	38	N.D.	
87)	n-Butylbenzene	12.13	91	75	N.D.	
88)	1,2-Dichlorobenzene	11.93	146	30	N.D.	
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
90)	1,2,4-Trichlorobenzene	13.76	180	30	N.D.	
91)	Hexachlorobutadiene	13.91	225	66	N.D.	
92)	Naphthalene	0.00	128	0	N.D.	d
93)	1,2,3-Trichlorobenzene	14.24	180	70	N.D.	

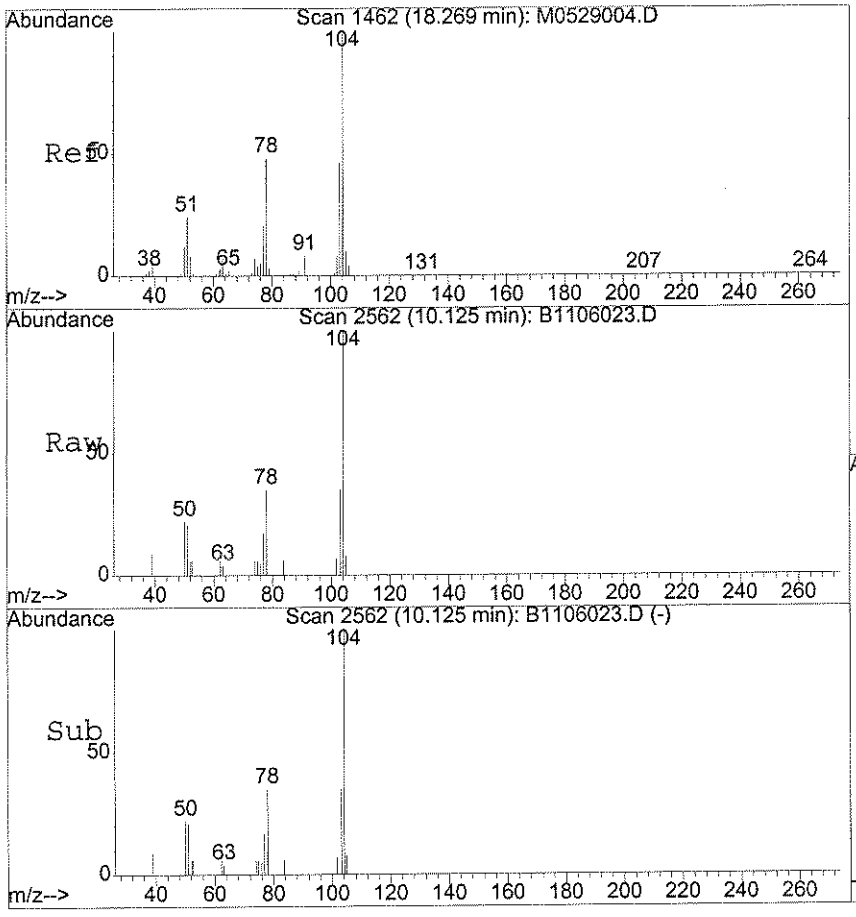
(#) = qualifier out of range (m) = manual integration



#14
Carbon Disulfide
Concen: 0.92 ug/l
RT: 2.61 min Scan# 388
Delta R.T. 0.01 min
Lab File: B1106023.D
Acq: 6 Nov 2006 15:40

Tgt Ion: 76 Resp: 11328

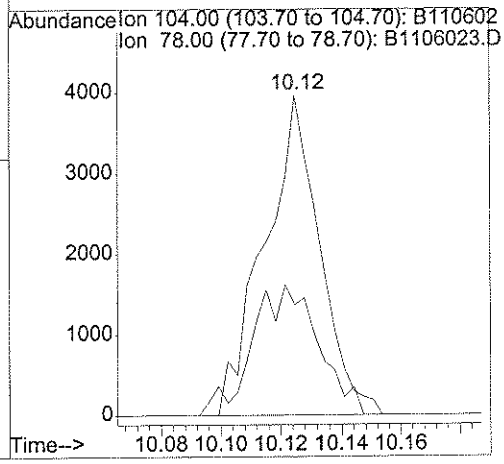




#68
Styrene
Concen: 0.29 ug/l
RT: 10.12 min Scan# 2562
Delta R.T. 0.00 min
Lab File: B1106023.D
Acq: 6 Nov 2006 15:40

Tgt Ion:104 Resp: 5047

Ion	Ratio	Lower	Upper
104	100		
78	21.2	30.7	70.7#



Library Search Compound Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106023.D Vial: 14
Acq On : 6 Nov 2006 15:40 Operator: DGA
Sample : JPL21-001 MW-20-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
B1106023.D 826025ML.M Tue Nov 07 06:56:30 2006

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-4

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-002

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106024.D

Level: (LOW/MED) Date Collected: 10/27/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 16:10

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-4

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-002

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106024.D

Level: (LOW/MED) _____ Date Collected: 10/27/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/06/2006 16:10

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

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

Heated Purge: (Y/N) N

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-4

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-002

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106024.D

Level: (LOW/MED) Date Collected: 10/27/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 16:10

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

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

Heated Purge: (Y/N) N

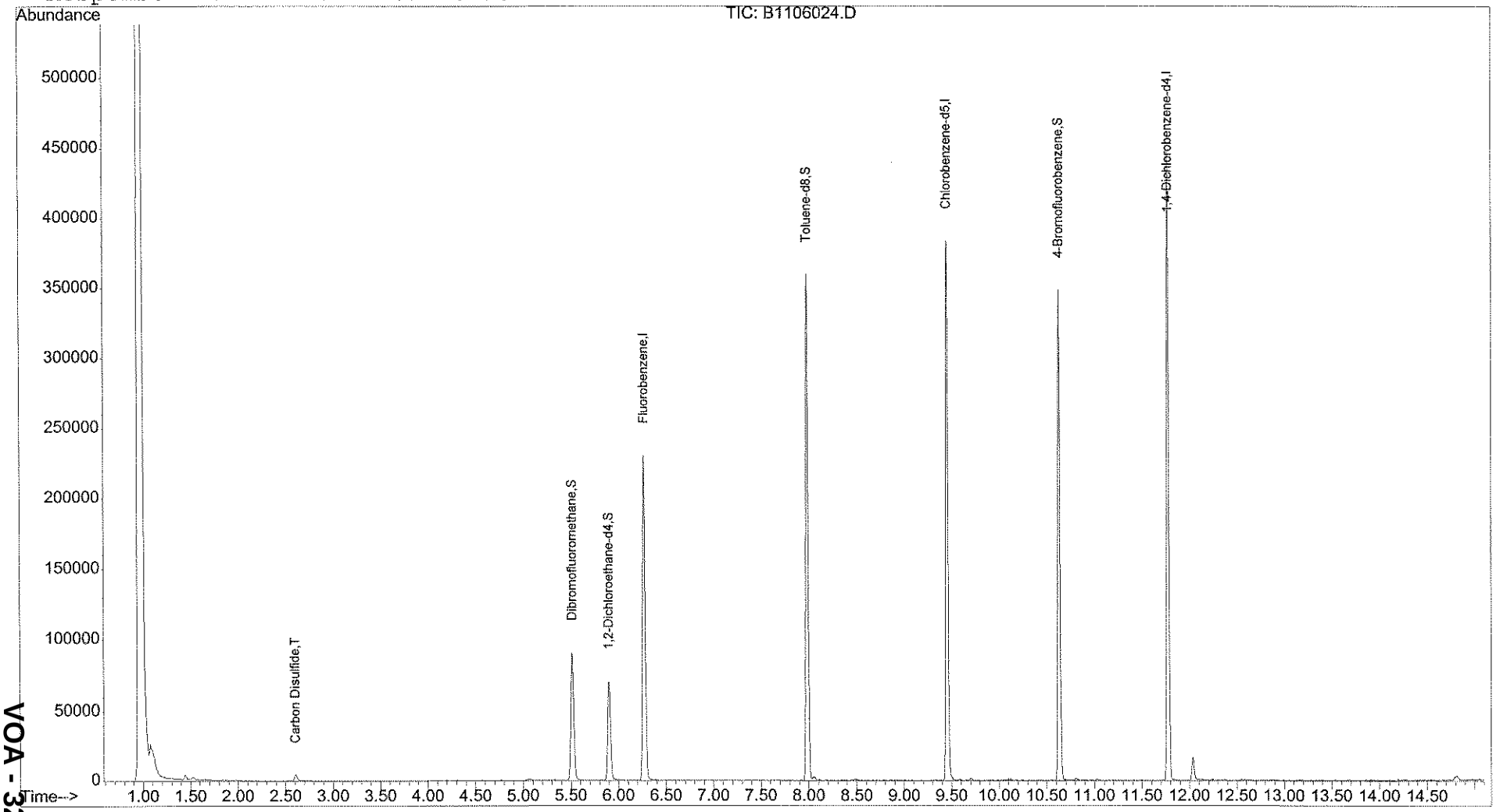
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106024.D Vial: 15
Acq On : 6 Nov 2006 16:10 Operator: DGA
Sample : JPL21-002 MW-20-4 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:50 2006 Quant Results File: 826025ML.RES

Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration



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Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106024.D Vial: 15
Acq On : 6 Nov 2006 16:10 Operator: DGA
Sample : JPL21-002 MW-20-4 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:50 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : G:\BUDDHA\BUDDHA\090806\B1103009.D (3 Nov 2006 13:31)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	194893	10.00 ug/l	0.00 62.66%
51) Chlorobenzene-d5	9.45	82	102087	10.00 ug/l	0.00 63.78%
71) 1,4-Dichlorobenzene-d4	11.77	152	110243	10.00 ug/l	0.00 57.22%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	58322	10.64 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	63899	11.39 ug/l	0.00
52) Toluene-d8	7.99	98	215301	10.74 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	91436	11.63 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	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	2.61	76	7561	0.63 ug/l	100
15) Allyl chloride	2.77	76	546	N.D.	
16) Acetonitrile	0.00	40	0	N.D. d	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	0.00	84	0	N.D.	
19) 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. d	
22) Vinyl acetate	4.05	43	29	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	4.87	96	46	N.D.	

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106024.D Vial: 15
Acq On : 6 Nov 2006 16:10 Operator: DGA
Sample : JPL21-002 MW-20-4 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:50 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	4.96	43	38	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	5.33	41	30	N.D.		
31)	Chloroform	5.32	83	31	N.D.		
33)	1,1,1-Trichloroethane	5.47	97	40	N.D.		
34)	Cyclohexane	5.51	56	36	N.D.		
35)	Carbon Tetrachloride	5.76	117	29	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	167	N.D.		
40)	1,2-Dichloroethane	0.00	62	0	N.D.		
41)	Trichloroethene	6.71	130	34	N.D.		
42)	Methylcyclohexane	6.69	83	37	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	7.12	41	36	N.D.		
46)	1,4-Dioxane	0.00	88	0	N.D.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	d	
48)	Bromodichloromethane	7.44	83	54	N.D.		
49)	cis-1,3-Dichloropropene	7.66	75	33	N.D.		
50)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
53)	Toluene	8.06	92	771	N.D.		
54)	Ethyl methacrylate	8.54	69	33	N.D.		
55)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
56)	1,1,2-Trichloroethane	8.58	97	33	N.D.		
57)	Tetrachloroethene	0.00	166	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.	d	
59)	1,3-Dichloropropane	8.65	76	30	N.D.		
60)	Dibromochloromethane	8.94	129	34	N.D.		
61)	1,2-Dibromoethane	0.00	107	0	N.D.		
62)	Chlorobenzene	9.67	112	34	N.D.		
63)	1-Chlorohexane	9.58	91	55	N.D.		
64)	Ethylbenzene	9.58	91	55	N.D.		
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
66)	m,p-Xylene	9.69	106	308	N.D.		
67)	o-xylene	10.09	106	38	N.D.		
68)	Styrene	10.12	104	325	N.D.		
69)	Bromoform	10.33	173	66	N.D.		
70)	Isopropylbenzene	10.63	105	150	N.D.		
73)	1,1,2,2-Tetrachloroethane	10.75	83	36	N.D.		

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106024.D Vial: 15
Acq On : 6 Nov 2006 16:10 Operator: DGA
Sample : JPL21-002 MW-20-4 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:50 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	0.00	156	0	N.D.	
77)	1,2,3-Trichloropropane	10.96	110	31	N.D.	
78)	2-Chlorotoluene	10.96	91	32	N.D.	
79)	1,3,5-Trimethylbenzene	11.05	105	131	N.D.	
80)	4-Chlorotoluene	11.03	91	30	N.D.	
81)	tert-Butylbenzene	11.36	119	35	N.D.	
82)	1,2,4-Trimethylbenzene	11.41	105	29	N.D.	
83)	sec-butylbenzene	11.58	105	36	N.D.	
84)	4-Isopropyltoluene	11.77	119	36	N.D.	
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d
86)	1,4-Dichlorobenzene	11.71	146	35	N.D.	
87)	n-Butylbenzene	12.07	91	55	N.D.	
88)	1,2-Dichlorobenzene	12.17	146	40	N.D.	
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
90)	1,2,4-Trichlorobenzene	13.76	180	44	N.D.	
91)	Hexachlorobutadiene	13.90	225	45	N.D.	
92)	Naphthalene	0.00	128	0	N.D.	d
93)	1,2,3-Trichlorobenzene	14.23	180	43	N.D.	

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

Library Search Compound Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106024.D Vial: 15
Acq On : 6 Nov 2006 16:10 Operator: DGA
Sample : JPL21-002 MW-20-4 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Library : D:\DATABASE\NIST129K.L

****

Peak Number 1 unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
1.08	1.15 ug/l	49798	Fluorobenzene	431185	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonyl sulfide $$ Carbon oxide su	60	COS	000463-58-1	5
2	Carbonyl sulfide	60	COS	000463-58-1	5
3	Hydrazine, 1,1-dimethyl- $$ as-Dime	60	C2H8N2	000057-14-7	4
4	Hydrazine, 1,1-dimethyl-	60	C2H8N2	000057-14-7	4
5	Thiirane $$ Ethylene sulfide $$ Eth	60	C2H4S	000420-12-2	4

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-3

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL21

Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL21-003

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

Lab File ID: B1106025.D

Level: (LOW/MED)

Date Collected: 10/27/2006

% Moisture: not dec.

Date/Time Analyzed: 11/06/2006 16:39

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

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-3

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-003

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106025.D

Level: (LOW/MED) _____ Date Collected: 10/27/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/06/2006 16:39

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

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

Heated Purge: (Y/N) N

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-3

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-003

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106025.D

Level: (LOW/MED) Date Collected: 10/27/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 16:39

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

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

Heated Purge: (Y/N) N

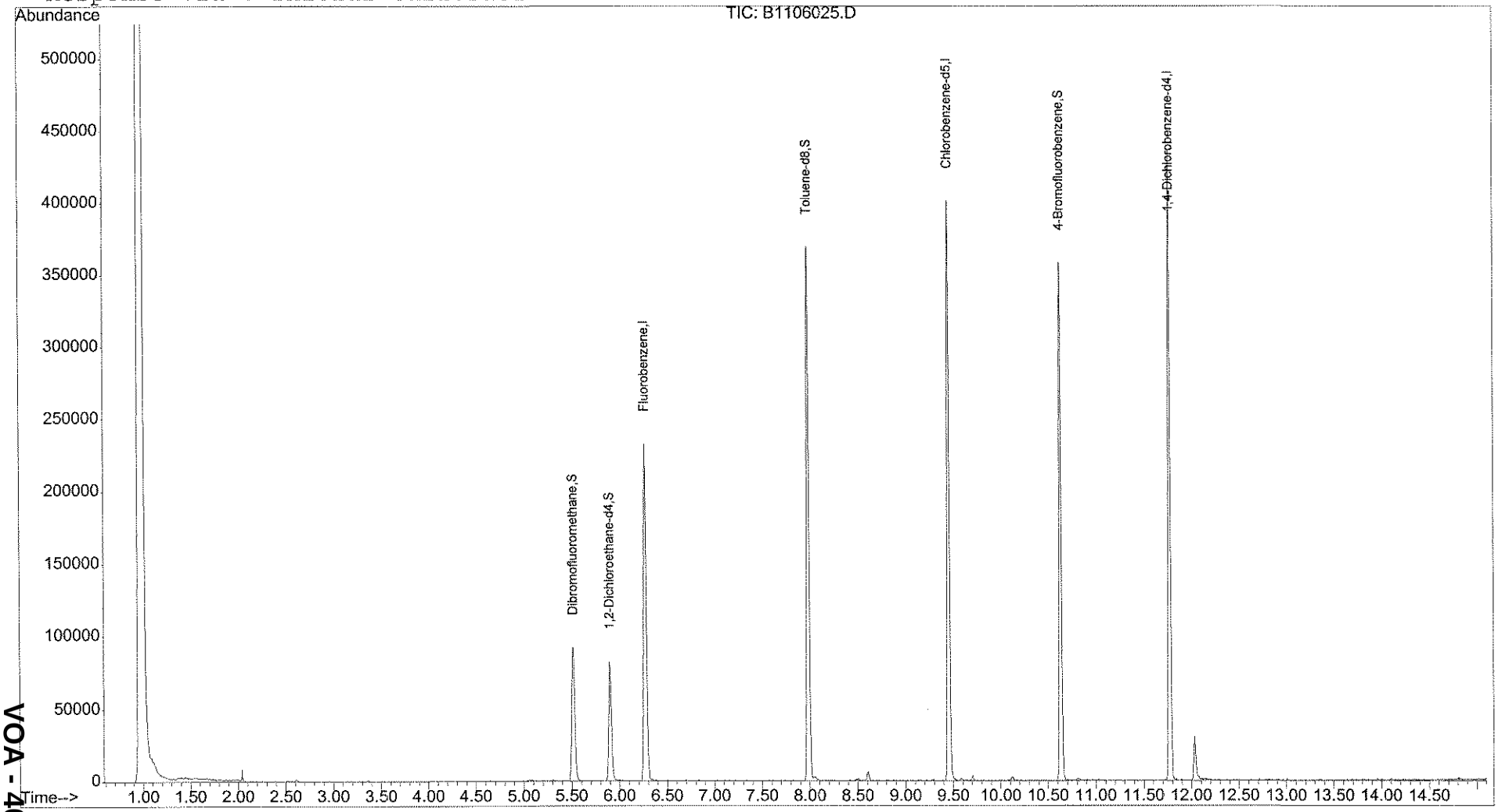
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106025.D Vial: 16
Acq On : 6 Nov 2006 16:39 Operator: DGA
Sample : JPL21-003 MW-20-3 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:51 2006 Quant Results File: 826025ML.RES

Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration



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Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106025.D Vial: 16
Acq On : 6 Nov 2006 16:39 Operator: DGA
Sample : JPL21-003 MW-20-3 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:51 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : G:\BUDDHA\BUDDHA\090806\B1103009.D (3 Nov 2006 13:31)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	201660	10.00 ug/l	0.00 64.84%
51) Chlorobenzene-d5	9.46	82	108917	10.00 ug/l	0.00 68.04%
71) 1,4-Dichlorobenzene-d4	11.78	152	110054	10.00 ug/l	0.00 57.13%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	61389	10.82 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	67172	11.57 ug/l	0.00
52) Toluene-d8	7.98	98	225314	10.54 ug/l	0.00
72) 4-Bromofluorobenzene	10.64	95	92855	11.83 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.23	50	87	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	96	0	N.D.	
6) Chloroethane	1.70	64	188	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	2.60	76	2053	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. d	
22) Vinyl acetate	4.17	43	34	N.D.	
23) 1,1-Dichloroethane	0.00	63	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	4.85	77	41	N.D.	
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.	

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106025.D Vial: 16
Acq On : 6 Nov 2006 16:39 Operator: DGA
Sample : JPL21-003 MW-20-3 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:51 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
27)	Propionitrile	5.08	54	40	N.D.		
28)	2-Butanone	4.96	43	82	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	5.13	41	33	N.D.		
31)	Chloroform	5.30	83	486	N.D.		
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	5.61	56	29	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	Isobutanol	0.00	43	0	N.D.	d	
37)	1,1-Dichloropropene	5.64	75	31	N.D.		
39)	Benzene	5.91	78	128	N.D.		
40)	1,2-Dichloroethane	6.00	62	32	N.D.		
41)	Trichloroethene	6.69	130	71	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	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	351	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	trans-1,3-Dichloropropene	8.20	75	33	N.D.		
56)	1,1,2-Trichloroethane	8.50	97	70	N.D.		
57)	Tetrachloroethene	8.60	166	1811	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.	d	
59)	1,3-Dichloropropane	8.75	76	31	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	706	N.D.		
64)	Ethylbenzene	9.58	91	706	N.D.		
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
66)	m,p-Xylene	9.70	106	714	N.D.		
67)	o-xylene	10.09	106	131	N.D.		
68)	Styrene	10.12	104	1216	N.D.		
69)	Bromoform	0.00	173	0	N.D.		
70)	Isopropylbenzene	10.47	105	32	N.D.		
73)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106025.D Vial: 16
Acq On : 6 Nov 2006 16:39 Operator: DGA
Sample : JPL21-003 MW-20-3 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:51 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	10.84	156	31	N.D.	
77)	1,2,3-Trichloropropane	10.79	110	35	N.D.	
78)	2-Chlorotoluene	10.87	91	54	N.D.	
79)	1,3,5-Trimethylbenzene	11.27	105	36	N.D.	
80)	4-Chlorotoluene	10.87	91	54	N.D.	
81)	tert-Butylbenzene	11.43	119	31	N.D.	
82)	1,2,4-Trimethylbenzene	11.42	105	76	N.D.	
83)	sec-butylbenzene	11.59	105	33	N.D.	
84)	4-Isopropyltoluene	11.73	119	43	N.D.	
85)	1,3-Dichlorobenzene	11.71	111	78	N.D.	
86)	1,4-Dichlorobenzene	11.80	146	34	N.D.	
87)	n-Butylbenzene	12.13	91	53	N.D.	
88)	1,2-Dichlorobenzene	12.17	146	31	N.D.	
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
90)	1,2,4-Trichlorobenzene	13.75	180	31	N.D.	
91)	Hexachlorobutadiene	0.00	225	0	N.D.	
92)	Naphthalene	0.00	128	0	N.D.	d
93)	1,2,3-Trichlorobenzene	14.25	180	47	N.D.	

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

Library Search Compound Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106025.D Vial: 16
Acq On : 6 Nov 2006 16:39 Operator: DGA
Sample : JPL21-003 MW-20-3 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
B1106025.D 826025ML.M Tue Nov 07 06:57:24 2006

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-2

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-004

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106026.D

Level: (LOW/MED) Date Collected: 10/27/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 17:09

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-2

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-004

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106026.D

Level: (LOW/MED) _____ Date Collected: 10/27/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/06/2006 17:09

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

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

Heated Purge: (Y/N) N

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-2

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-004

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106026.D

Level: (LOW/MED) _____ Date Collected: 10/27/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/06/2006 17:09

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

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

Heated Purge: (Y/N) N

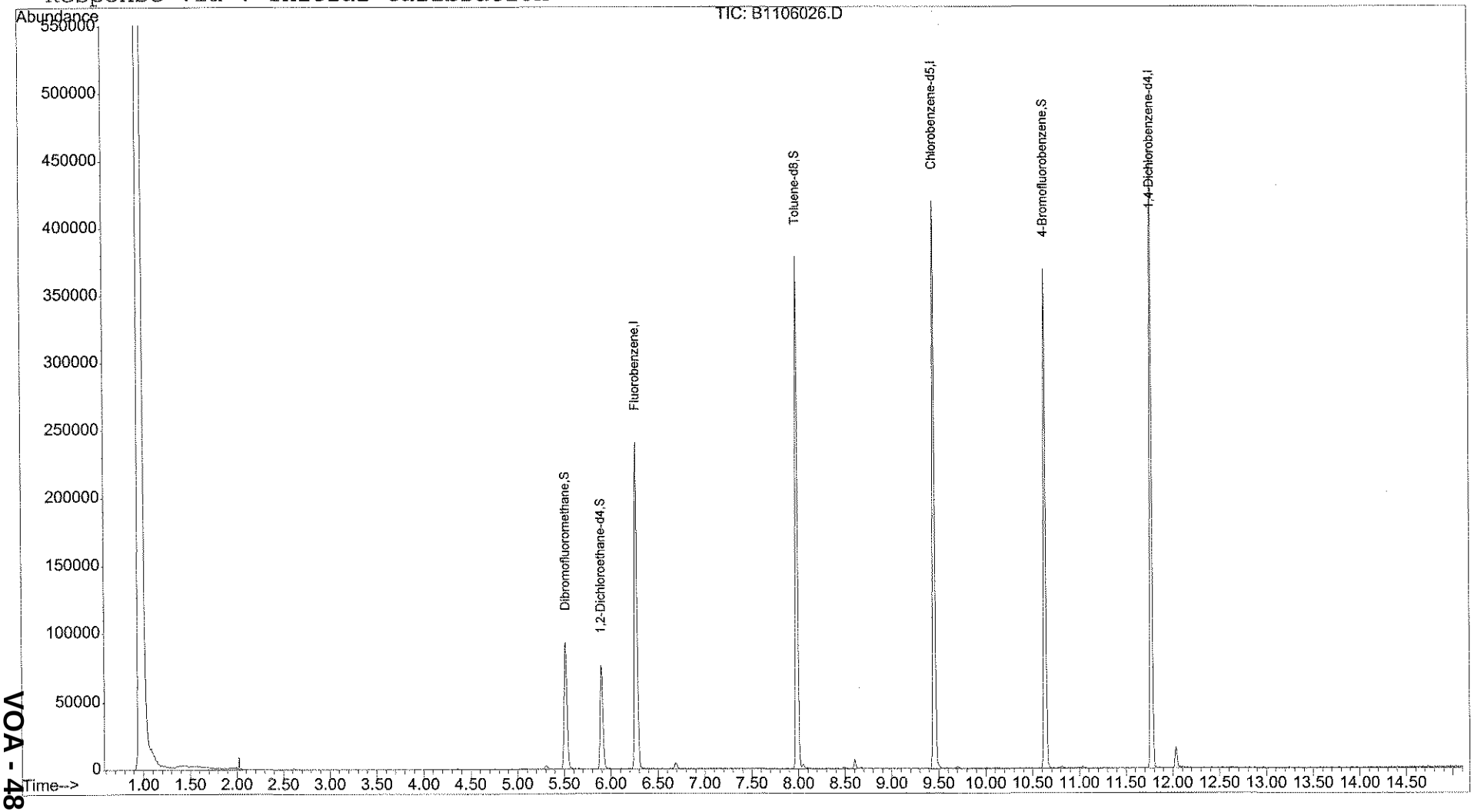
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106026.D Vial: 17
Acq On : 6 Nov 2006 17:09 Operator: DGA
Sample : JPL21-004 MW-20-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:58 2006 Quant Results File: 826025ML.RES

Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration



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Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106026.D Vial: 17
Acq On : 6 Nov 2006 17:09 Operator: DGA
Sample : JPL21-004 MW-20-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:58 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : G:\BUDDHA\BUDDHA\090806\B1103009.D (3 Nov 2006 13:31)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	205730	10.00 ug/l	0.00 66.15%
51) Chlorobenzene-d5	9.46	82	108826	10.00 ug/l	0.00 67.99%
71) 1,4-Dichlorobenzene-d4	11.77	152	115142	10.00 ug/l	0.00 59.77%
System Monitoring Compounds					
32) Dibromofluoromethane	5.51	111	60185	10.40 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	66249	11.18 ug/l	0.00
52) Toluene-d8	7.99	98	224323	10.50 ug/l	0.00
72) 4-Bromofluorobenzene	10.64	95	93846	11.43 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.23	50	490	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. 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	2.61	76	1562	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	4.14	43	60	N.D.	
23) 1,1-Dichloroethane	3.94	63	312	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 : G:\BUDDHA\BUDDHA\110606\B1106026.D Vial: 17
Acq On : 6 Nov 2006 17:09 Operator: DGA
Sample : JPL21-004 MW-20-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:58 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
27)	Propionitrile	5.05	54	31	N.D.		
28)	2-Butanone	4.95	43	63	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	5.18	41	49	N.D.		
31)	Chloroform	5.31	83	2081	N.D.		
33)	1,1,1-Trichloroethane	5.49	97	37	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	5.65	117	45	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	93	N.D.		
40)	1,2-Dichloroethane	5.92	62	34	N.D.		
41)	Trichloroethene	6.69	130	985	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	6.87	63	45	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	7.06	41	41	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	73	N.D.		
49)	cis-1,3-Dichloropropene	7.73	75	30	N.D.		
50)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
53)	Toluene	8.05	92	892	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	trans-1,3-Dichloropropene	8.43	75	35	N.D.		
56)	1,1,2-Trichloroethane	8.50	97	30	N.D.		
57)	Tetrachloroethene	8.60	166	817	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	9.09	107	30	N.D.		
62)	Chlorobenzene	0.00	112	0	N.D.		
63)	1-Chlorohexane	9.58	91	237	N.D.		
64)	Ethylbenzene	9.70	91	806	N.D.		
65)	1,1,1,2-Tetrachloroethane	9.64	131	65	N.D.		
66)	m,p-Xylene	9.70	106	392	N.D.		
67)	o-xylene	10.12	106	30	N.D.		
68)	Styrene	10.12	104	67	N.D.		
69)	Bromoform	10.32	173	43	N.D.		
70)	Isopropylbenzene	10.63	105	205	N.D.		
73)	1,1,2,2-Tetrachloroethane	10.62	83	40	N.D.		

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106026.D Vial: 17
Acq On : 6 Nov 2006 17:09 Operator: DGA
Sample : JPL21-004 MW-20-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:58 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	0.00	156	0	N.D.		
77)	1,2,3-Trichloropropane	10.74	110	35	N.D.		
78)	2-Chlorotoluene	10.96	91	38	N.D.		
79)	1,3,5-Trimethylbenzene	10.79	105	30	N.D.		
80)	4-Chlorotoluene	11.02	91	33	N.D.		
81)	tert-Butylbenzene	11.38	119	34	N.D.		
82)	1,2,4-Trimethylbenzene	11.42	105	44	N.D.		
83)	sec-butylbenzene	11.42	105	44	N.D.		
84)	4-Isopropyltoluene	11.73	119	46	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d	
86)	1,4-Dichlorobenzene	11.79	146	31	N.D.		
87)	n-Butylbenzene	12.14	91	45	N.D.		
88)	1,2-Dichlorobenzene	12.17	146	43	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	d	
90)	1,2,4-Trichlorobenzene	13.77	180	41	N.D.		
91)	Hexachlorobutadiene	13.96	225	35	N.D.		
92)	Naphthalene	0.00	128	0	N.D.	d	
93)	1,2,3-Trichlorobenzene	14.25	180	54	N.D.		

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

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110606\B1106026.D Vial: 17
Acq On : 6 Nov 2006 17:09 Operator: DGA
Sample : JPL21-004 MW-20-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
B1106026.D 826025ML.M Wed Nov 15 15:28:14 2006

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-1

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-005

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106027.D

Level: (LOW/MED) Date Collected: 10/27/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 17:38

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-20-1

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-005

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106027.D

Level: (LOW/MED) Date Collected: 10/27/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 17:38

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

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

Heated Purge: (Y/N) N

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-1

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-005

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106027.D

Level: (LOW/MED) _____ Date Collected: 10/27/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/06/2006 17:38

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

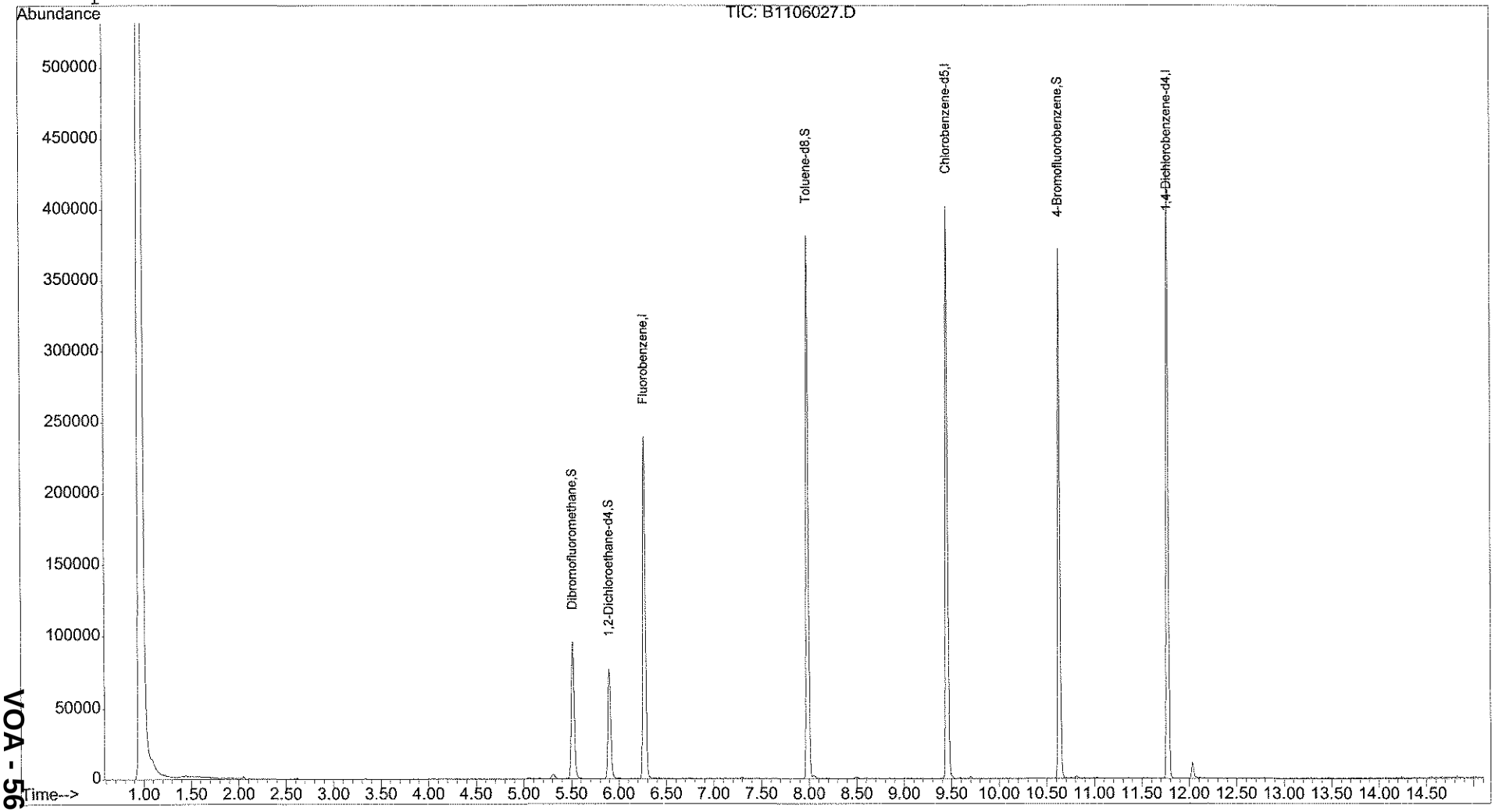
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106027.D Vial: 18
Acq On : 6 Nov 2006 17:38 Operator: DGA
Sample : JPL21-005 MW-20-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:59 2006 Quant Results File: 826025ML.RES

Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration



VOA - 56

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106027.D Vial: 18
Acq On : 6 Nov 2006 17:38 Operator: DGA
Sample : JPL21-005 MW-20-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:59 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : G:\BUDDHA\BUDDHA\090806\B1103009.D (3 Nov 2006 13:31)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	203471	10.00 ug/l	0.00 65.42%
51) Chlorobenzene-d5	9.45	82	108893	10.00 ug/l	0.00 68.03%
71) 1,4-Dichlorobenzene-d4	11.77	152	112727	10.00 ug/l	0.00 58.51%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	61996	10.83 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	67352	11.50 ug/l	0.00
52) Toluene-d8	7.99	98	225328	10.54 ug/l	0.00
72) 4-Bromofluorobenzene	10.64	95	94766	11.79 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.22	50	480	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	96	0	N.D.	
6) Chloroethane	1.69	64	456	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	256	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.61	76	1107	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	69	N.D.	
19) Methyl tert-butyl ether	3.33	73	88	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	4.77	77	33	N.D.	
26) cis-1,2-Dichloroethene	4.88	96	32	N.D.	

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106027.D Vial: 18
Acq On : 6 Nov 2006 17:38 Operator: DGA
Sample : JPL21-005 MW-20-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:59 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	4.92	43	43	N.D.	
29)	Bromochloromethane	0.00	128	0	N.D.	
30)	Methacrylonitrile	5.28	41	48	N.D.	
31)	Chloroform	5.30	83	1116	N.D.	
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	5.51	56	74	N.D.	
35)	Carbon Tetrachloride	5.63	117	30	N.D.	
36)	Isobutanol	0.00	43	0	N.D.	d
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	5.95	62	35	N.D.	
41)	Trichloroethene	0.00	130	0	N.D.	
42)	Methylcyclohexane	6.75	83	34	N.D.	
43)	1,2-Dichloropropane	6.82	63	36	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	7.20	41	29	N.D.	
46)	1,4-Dioxane	7.08	88	30	No Calib	#
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	d
48)	Bromodichloromethane	7.29	83	479	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	353	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	8.34	97	37	N.D.	
57)	Tetrachloroethene	8.60	166	94	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	9.18	107	32	N.D.	
62)	Chlorobenzene	9.47	112	31	N.D.	
63)	1-Chlorohexane	9.59	91	266	N.D.	
64)	Ethylbenzene	9.59	91	266	N.D.	
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66)	m,p-Xylene	9.69	106	357	N.D.	
67)	o-xylene	0.00	106	0	N.D.	
68)	Styrene	10.11	104	113	N.D.	
69)	Bromoform	0.00	173	0	N.D.	
70)	Isopropylbenzene	10.62	105	199	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.81	83	35	N.D.	

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106027.D Vial: 18
Acq On : 6 Nov 2006 17:38 Operator: DGA
Sample : JPL21-005 MW-20-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 6:59 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	n-Propylbenzene	11.04	120	39	N.D.		
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
76)	Bromobenzene	10.64	156	31	N.D.		
77)	1,2,3-Trichloropropane	10.66	110	33	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	11.18	119	37	N.D.		
82)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
83)	sec-butylbenzene	11.77	105	51	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d	
86)	1,4-Dichlorobenzene	11.79	146	46	N.D.		
87)	n-Butylbenzene	12.14	91	42	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	13.75	180	36	N.D.		
91)	Hexachlorobutadiene	13.90	225	91	N.D.		
92)	Naphthalene	0.00	128	0	N.D.	d	
93)	1,2,3-Trichlorobenzene	14.26	180	30	N.D.		

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

Library Search Compound Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106027.D Vial: 18
Acq On : 6 Nov 2006 17:38 Operator: DGA
Sample : JPL21-005 MW-20-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

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B1106027.D 826025ML.M Tue Nov 07 07:00:14 2006

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-2-10/27/06

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-006

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106028.D

Level: (LOW/MED) _____ Date Collected: 10/27/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/06/2006 18:07

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

Soil Extract 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-2-10/27/06

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-006

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106028.D

Level: (LOW/MED) _____ Date Collected: 10/27/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/06/2006 18:07

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

Soil Extract 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-2-10/27/06

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-006

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106028.D

Level: (LOW/MED) _____ Date Collected: 10/27/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/06/2006 18:07

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

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

Heated Purge: (Y/N) N

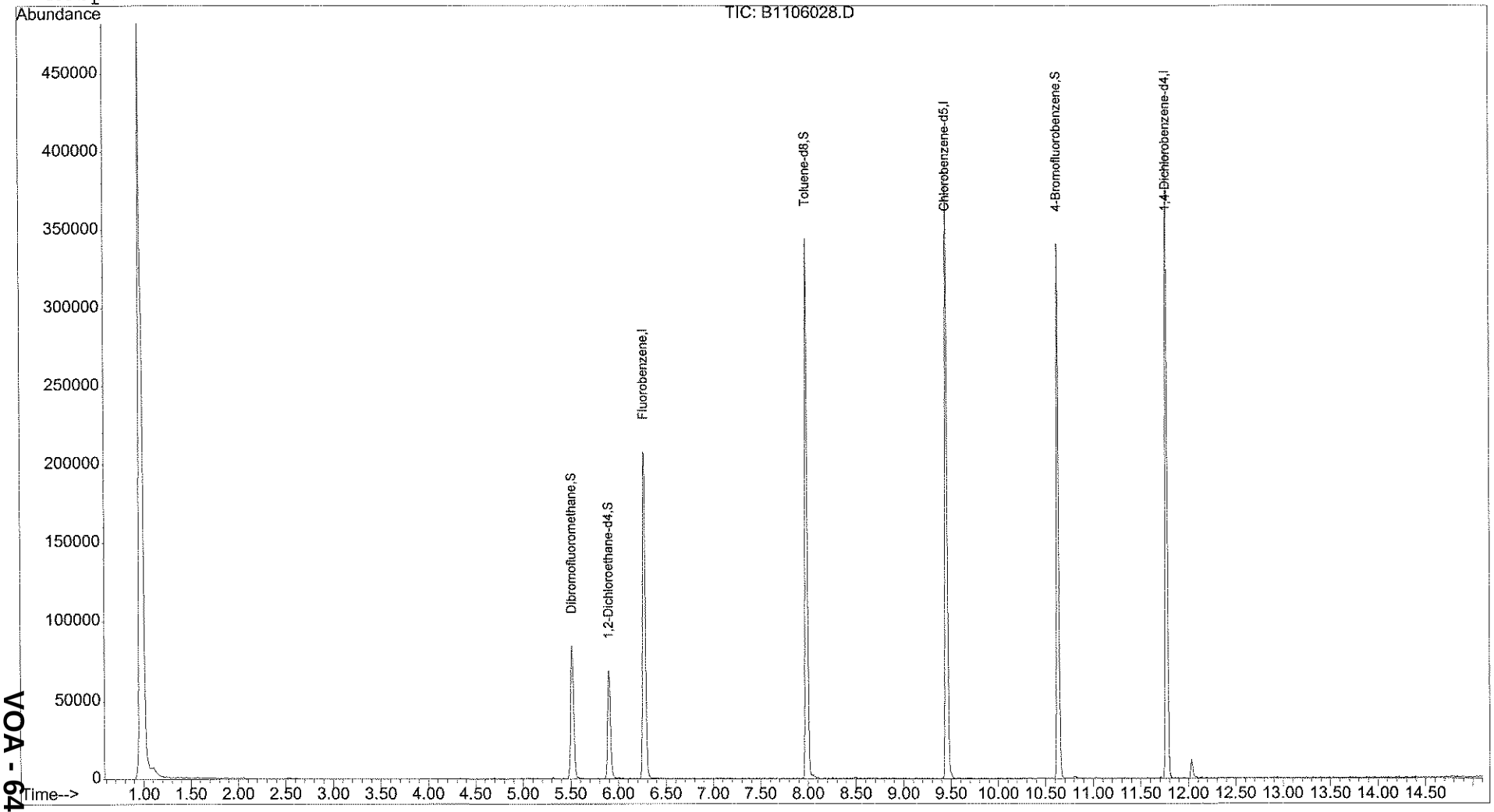
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106028.D Vial: 19
Acq On : 6 Nov 2006 18:07 Operator: DGA
Sample : JPL21-006 EB-2-10/27/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 7:01 2006 Quant Results File: 826025ML.RES

Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration



VOA - 64

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106028.D Vial: 19
Acq On : 6 Nov 2006 18:07 Operator: DGA
Sample : JPL21-006 EB-2-10/27/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 7:01 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : G:\BUDDHA\BUDDHA\090806\B1103009.D (3 Nov 2006 13:31)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	184896	10.00 ug/l	0.00 59.45%
51) Chlorobenzene-d5	9.45	82	98305	10.00 ug/l	0.00 61.41%
71) 1,4-Dichlorobenzene-d4	11.77	152	102140	10.00 ug/l	0.00 53.02%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	56526	10.87 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	61054	11.47 ug/l	0.00
52) Toluene-d8	7.98	98	205227	10.63 ug/l	0.00
72) 4-Bromofluorobenzene	10.64	95	85747	11.77 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.24	50	308	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	1.58	96	70	N.D.	
6) Chloroethane	1.72	64	65	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	2.61	76	226	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	4.04	43	54	N.D.	
23) 1,1-Dichloroethane	0.00	63	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	4.81	77	38	N.D.	
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.	

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106028.D Vial: 19
Acq On : 6 Nov 2006 18:07 Operator: DGA
Sample : JPL21-006 EB-2-10/27/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 7:01 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	4.95	43	39	N.D.	
29)	Bromochloromethane	0.00	128	0	N.D.	
30)	Methacrylonitrile	5.06	41	31	N.D.	
31)	Chloroform	5.30	83	244	N.D.	
33)	1,1,1-Trichloroethane	5.44	97	29	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	29	N.D.	
39)	Benzene	5.92	78	32	N.D.	
40)	1,2-Dichloroethane	5.90	62	32	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	7.29	83	74	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	118	N.D.	
54)	Ethyl methacrylate	8.37	69	34	N.D.	
55)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
56)	1,1,2-Trichloroethane	8.49	97	29	N.D.	
57)	Tetrachloroethene	0.00	166	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	d
59)	1,3-Dichloropropane	8.87	76	32	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	9.60	91	36	N.D.	
64)	Ethylbenzene	9.60	91	36	N.D.	
65)	1,1,1,2-Tetrachloroethane	9.72	131	29	N.D.	
66)	m,p-Xylene	9.70	106	35	N.D.	
67)	o-xylene	10.09	106	35	N.D.	
68)	Styrene	10.12	104	43	N.D.	
69)	Bromoform	10.32	173	33	N.D.	
70)	Isopropylbenzene	10.43	105	33	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.63	83	29	N.D.	

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106028.D Vial: 19
Acq On : 6 Nov 2006 18:07 Operator: DGA
Sample : JPL21-006 EB-2-10/27/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 7:01 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	n-Propylbenzene	10.97	120	31	N.D.		
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
76)	Bromobenzene	10.65	156	33	N.D.		
77)	1,2,3-Trichloropropane	10.90	110	41	N.D.		
78)	2-Chlorotoluene	10.86	91	32	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	4-Chlorotoluene	10.86	91	74	N.D.		
81)	tert-Butylbenzene	11.45	119	43	N.D.		
82)	1,2,4-Trimethylbenzene	11.41	105	39	N.D.		
83)	sec-butylbenzene	11.41	105	39	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	11.77	146	30	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.		
88)	1,2-Dichlorobenzene	12.38	146	29	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	0.00	225	0	N.D.		
92)	Naphthalene	0.00	128	0	N.D.	d	
93)	1,2,3-Trichlorobenzene	14.27	180	33	N.D.		

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

Library Search Compound Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106028.D Vial: 19
Acq On : 6 Nov 2006 18:07 Operator: DGA
Sample : JPL21-006 EB-2-10/27/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
B1106028.D 826025ML.M Tue Nov 07 07:01:49 2006

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-2-10/27/06

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-007

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107008.D

Level: (LOW/MED) _____ Date Collected: 10/27/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/07/2006 10:21

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

Soil Extract 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-2-10/27/06

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-007

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107008.D

Level: (LOW/MED) _____ Date Collected: 10/27/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/07/2006 10:21

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

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

Heated Purge: (Y/N) N

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-2-10/27/06

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-007

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107008.D

Level: (LOW/MED) _____ Date Collected: 10/27/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/07/2006 10:21

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

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

Heated Purge: (Y/N) N

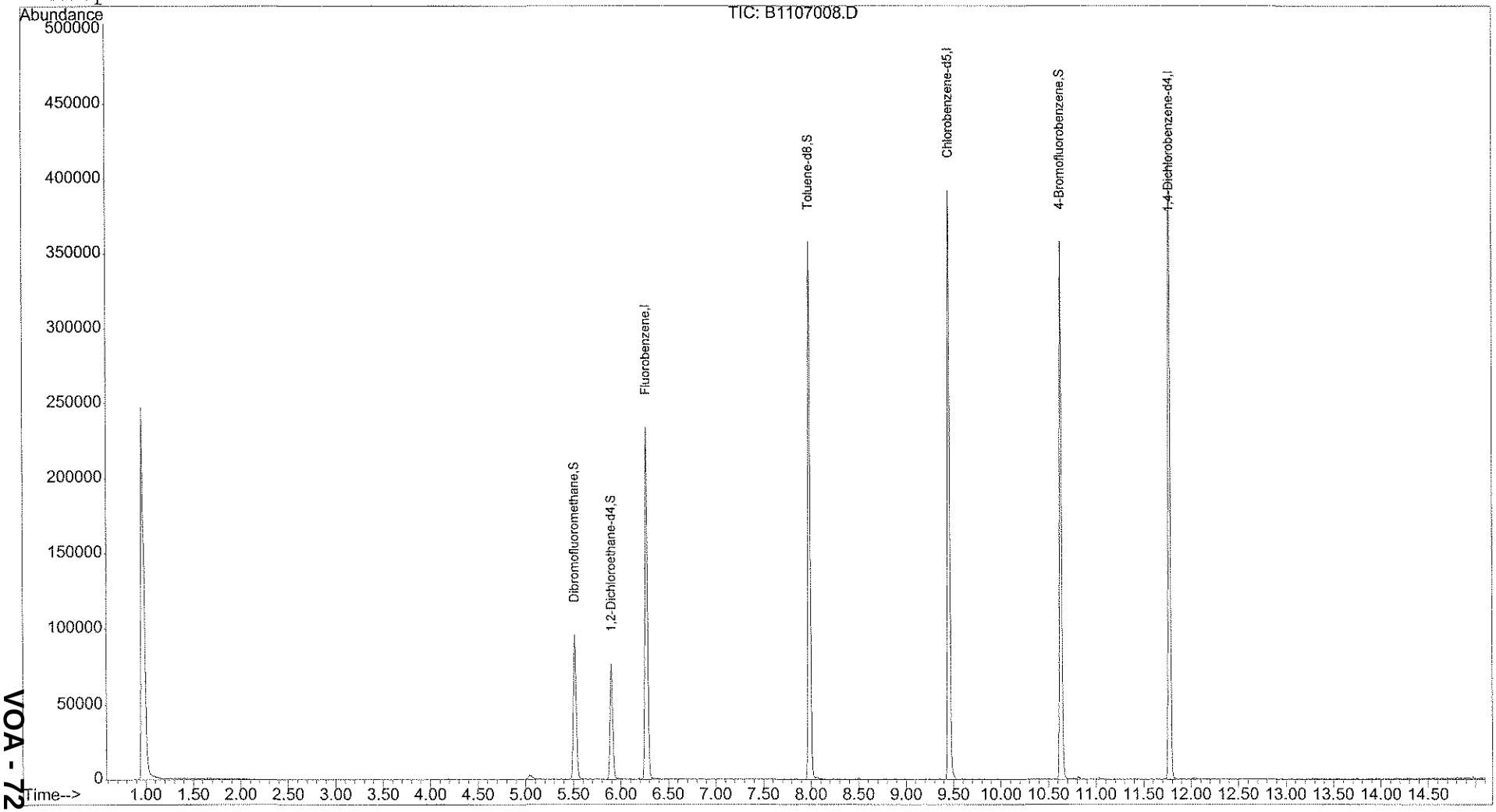
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107008.D Vial: 14
Acq On : 7 Nov 2006 10:21 Operator: DGA
Sample : JPL21-007 TB-2-10/27/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:05 2006 Quant Results File: 826025ML.RES

Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration



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Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107008.D Vial: 14
Acq On : 7 Nov 2006 10:21 Operator: DGA
Sample : JPL21-007 TB-2-10/27/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:05 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : G:\BUDDHA\BUDDHA\090806\B1103009.D (3 Nov 2006 13:31)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	190940	10.00 ug/l	0.00 61.39%
51) Chlorobenzene-d5	9.46	82	104097	10.00 ug/l	0.00 65.03%
71) 1,4-Dichlorobenzene-d4	11.77	152	105184	10.00 ug/l	0.00 54.60%
System Monitoring Compounds					
32) Dibromofluoromethane	5.51	111	57977	10.79 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	64689	11.77 ug/l	0.00
52) Toluene-d8	7.98	98	212343	10.39 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	89712	11.96 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	2.61	76	74	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	109	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	4.17	43	29	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	4.80	96	39	N.D.	

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107008.D Vial: 14
Acq On : 7 Nov 2006 10:21 Operator: DGA
Sample : JPL21-007 TB-2-10/27/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:05 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
27)	Propionitrile	5.15	54	37	N.D.		
28)	2-Butanone	4.95	43	66	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	5.22	41	33	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)	Isobutanol	0.00	43	0	N.D.	d	
37)	1,1-Dichloropropene	5.63	75	32	N.D.		
39)	Benzene	5.91	78	76	N.D.		
40)	1,2-Dichloroethane	5.91	62	29	N.D.		
41)	Trichloroethene	6.57	130	31	N.D.		
42)	Methylcyclohexane	6.78	83	31	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	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	8.06	92	68	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	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	0.00	107	0	N.D.		
62)	Chlorobenzene	9.48	112	33	N.D.		
63)	1-Chlorohexane	9.58	91	38	N.D.		
64)	Ethylbenzene	9.58	91	38	N.D.		
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
66)	m,p-Xylene	9.72	106	36	N.D.		
67)	o-xylene	0.00	106	0	N.D.		
68)	Styrene	0.00	104	0	N.D.		
69)	Bromoform	0.00	173	0	N.D.		
70)	Isopropylbenzene	10.63	105	105	N.D.		
73)	1,1,2,2-Tetrachloroethane	10.63	83	36	N.D.		

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107008.D Vial: 14
Acq On : 7 Nov 2006 10:21 Operator: DGA
Sample : JPL21-007 TB-2-10/27/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:05 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	10.77	156	82	N.D.	
77)	1,2,3-Trichloropropane	10.68	110	31	N.D.	
78)	2-Chlorotoluene	10.97	91	29	N.D.	
79)	1,3,5-Trimethylbenzene	11.04	105	44	N.D.	
80)	4-Chlorotoluene	11.06	91	37	N.D.	
81)	tert-Butylbenzene	11.43	119	53	N.D.	
82)	1,2,4-Trimethylbenzene	11.41	105	124	N.D.	
83)	sec-butylbenzene	11.58	105	147	N.D.	
84)	4-Isopropyltoluene	11.77	119	55	N.D.	
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d
86)	1,4-Dichlorobenzene	11.80	146	132	N.D.	
87)	n-Butylbenzene	12.14	91	78	N.D.	
88)	1,2-Dichlorobenzene	12.16	146	31	N.D.	
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	d
90)	1,2,4-Trichlorobenzene	13.76	180	33	N.D.	
91)	Hexachlorobutadiene	13.90	225	55	N.D.	
92)	Naphthalene	0.00	128	0	N.D.	
93)	1,2,3-Trichlorobenzene	14.24	180	29	N.D.	

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

Library Search Compound Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107008.D Vial: 14
Acq On : 7 Nov 2006 10:21 Operator: DGA
Sample : JPL21-007 TB-2-10/27/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
B1107008.D 826025ML.M Wed Nov 08 10:06:02 2006

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-5

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-008

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106029.D

Level: (LOW/MED) Date Collected: 10/26/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 18:37

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	3.5	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-5

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-008

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106029.D

Level: (LOW/MED) Date Collected: 10/26/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 18:37

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	1.8	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-5

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-008

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106029.D

Level: (LOW/MED) Date Collected: 10/26/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 18:37

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

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

Heated Purge: (Y/N) N

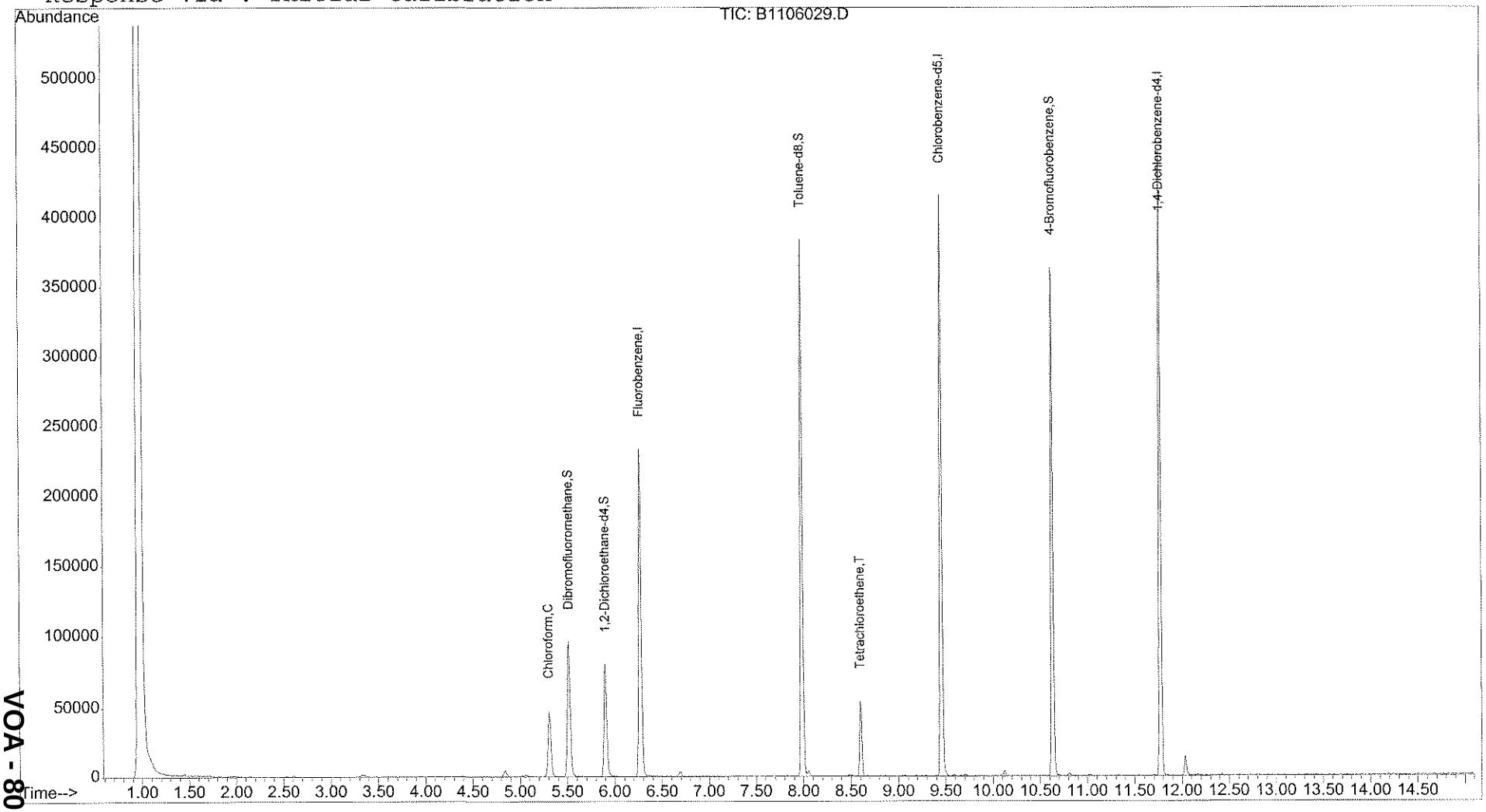
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106029.D Vial: 20
Acq On : 6 Nov 2006 18:37 Operator: DGA
Sample : JPL21-008 MW-21-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:34 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 - 80

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106029.D Vial: 20
Acq On : 6 Nov 2006 18:37 Operator: DGA
Sample : JPL21-008 MW-21-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:34 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	202890	10.00	ug/l	0.00 65.23%
51) Chlorobenzene-d5	9.46	82	110091	10.00	ug/l	0.00 68.78%
71) 1,4-Dichlorobenzene-d4	11.77	152	113187	10.00	ug/l	0.00 58.75%
System Monitoring Compounds						
32) Dibromofluoromethane	5.51	111	62043	10.87	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	67646	11.58	ug/l	0.00
52) Toluene-d8	7.99	98	222589	10.30	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	93718	11.61	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.23	50	218	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	2.53	43	514	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.60	76	1024	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	3.00	84	90	N.D.		
19) Methyl tert-butyl ether	3.34	73	1959	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.	d	
22) Vinyl acetate	4.12	43	82	N.D.		
23) 1,1-Dichloroethane	3.94	63	1035	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	4.85	96	439	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106029.D Vial: 20
Acq On : 6 Nov 2006 18:37 Operator: DGA
Sample : JPL21-008 MW-21-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:34 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	5.08	41	33	N.D.	
31) Chloroform	5.31	83	39880	3.49 ug/l	91
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	0.00	75	0	N.D.	
39) Benzene	5.92	78	194	N.D.	
40) 1,2-Dichloroethane	5.91	62	34	N.D.	
41) Trichloroethene	6.70	130	563	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	7.08	41	34	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	229	N.D.	
49) cis-1,3-Dichloropropene	7.65	75	36	N.D.	
50) 4-Methyl-2-pentanone	7.92	43	30	N.D.	
53) Toluene	8.04	92	267	N.D.	
54) Ethyl methacrylate	8.37	69	40	N.D.	
55) trans-1,3-Dichloropropene	8.43	75	60	N.D.	
56) 1,1,2-Trichloroethane	8.58	97	39	N.D.	
57) Tetrachloroethene	8.60	166	14652	1.79 ug/l	96
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	0.00	107	0	N.D.	
62) Chlorobenzene	0.00	112	0	N.D.	
63) 1-Chlorohexane	9.58	91	333	N.D.	
64) Ethylbenzene	9.58	91	333	N.D.	
65) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66) m,p-Xylene	9.70	106	557	N.D.	
67) o-xylene	10.09	106	199	N.D.	
68) Styrene	10.12	104	757	N.D.	
69) Bromoform	10.33	173	37	N.D.	
70) Isopropylbenzene	10.47	105	31	N.D.	
73) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	

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

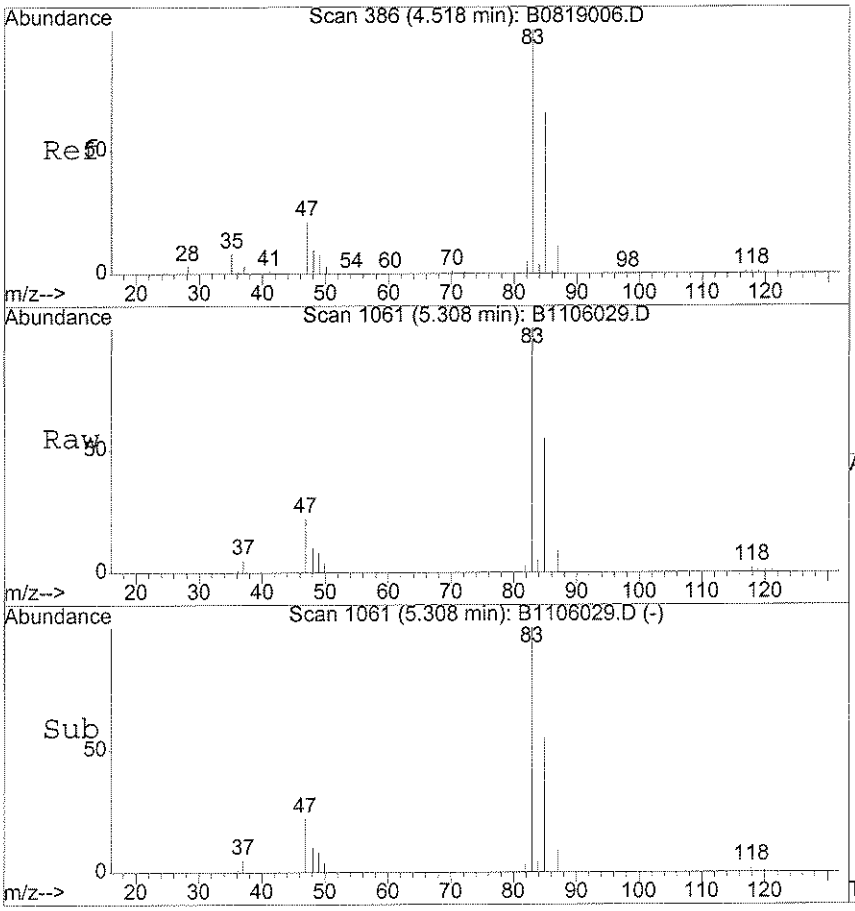
Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106029.D Vial: 20
Acq On : 6 Nov 2006 18:37 Operator: DGA
Sample : JPL21-008 MW-21-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:34 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	11.01	120	47	N.D.		
75)	trans-1,4-Dichloro-2-buten	10.69	53	36	N.D.		
76)	Bromobenzene	0.00	156	0	N.D.		
77)	1,2,3-Trichloropropane	10.63	110	36	N.D.		
78)	2-Chlorotoluene	0.00	91	0	N.D.		
79)	1,3,5-Trimethylbenzene	11.05	105	38	N.D.		
80)	4-Chlorotoluene	11.08	91	44	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.41	105	107	N.D.		
83)	sec-butylbenzene	11.41	105	107	N.D.		
84)	4-Isopropyltoluene	11.73	119	38	N.D.		
85)	1,3-Dichlorobenzene	11.70	111	83	N.D.		
86)	1,4-Dichlorobenzene	11.80	146	161	N.D.		
87)	n-Butylbenzene	12.12	91	31	N.D.		
88)	1,2-Dichlorobenzene	12.17	146	199	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	d	
90)	1,2,4-Trichlorobenzene	13.76	180	33	N.D.		
91)	Hexachlorobutadiene	0.00	225	0	N.D.		
92)	Naphthalene	0.00	128	0	N.D.	d	
93)	1,2,3-Trichlorobenzene	14.24	180	108	N.D.		

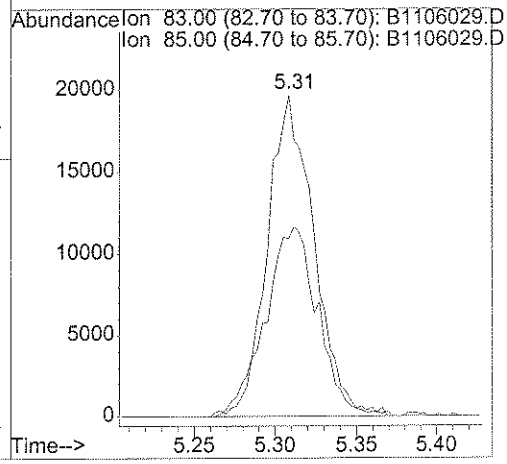
(#) = qualifier out of range (m) = manual integration

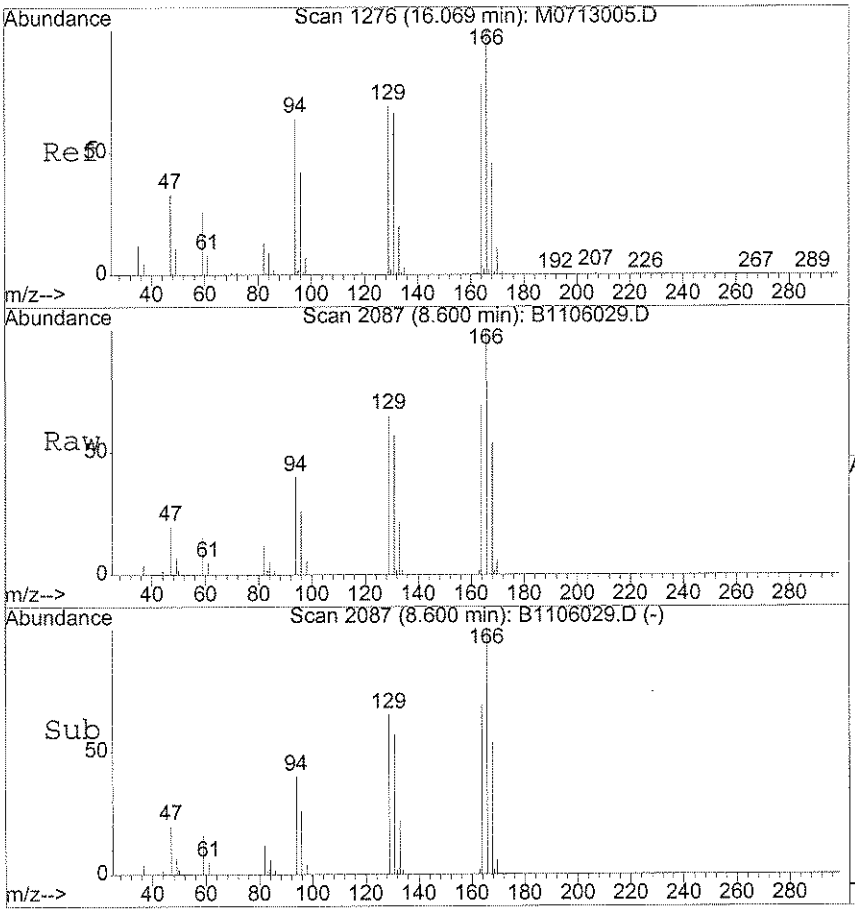


#31
Chloroform
Concen: 3.49 ug/l
RT: 5.31 min Scan# 1061
Delta R.T. -0.00 min
Lab File: B1106029.D
Acq: 6 Nov 2006 18:37

Tgt Ion: 83 Resp: 39880

Ion	Ratio	Lower	Upper
83	100		
85	65.0	38.2	78.2

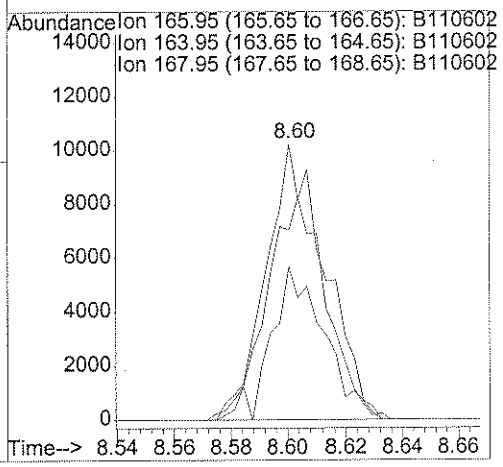




#57
Tetrachloroethene
Concen: 1.79 ug/l
RT: 8.60 min Scan# 2087
Delta R.T. -0.01 min
Lab File: B1106029.D
Acq: 6 Nov 2006 18:37

Tgt Ion:166 Resp: 14652

Ion	Ratio	Lower	Upper
166	100		
164	81.6	60.8	91.2
168	49.8	39.4	59.0



Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110606\B1106029.D Vial: 20
Acq On : 6 Nov 2006 18:37 Operator: DGA
Sample : JPL21-008 MW-21-5 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1106029.D 826025ML.M Thu Nov 16 12:34:19 2006

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-4

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-009

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106030.D

Level: (LOW/MED) Date Collected: 10/26/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 19:06

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	1.2	
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	5.9	
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	0.57	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-4

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-009

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106030.D

Level: (LOW/MED) Date Collected: 10/26/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 19:06

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	8.0	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-4

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL21

Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL21-009

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

Lab File ID: B1106030.D

Level: (LOW/MED)

Date Collected: 10/26/2006

% Moisture: not dec.

Date/Time Analyzed: 11/06/2006 19:06

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

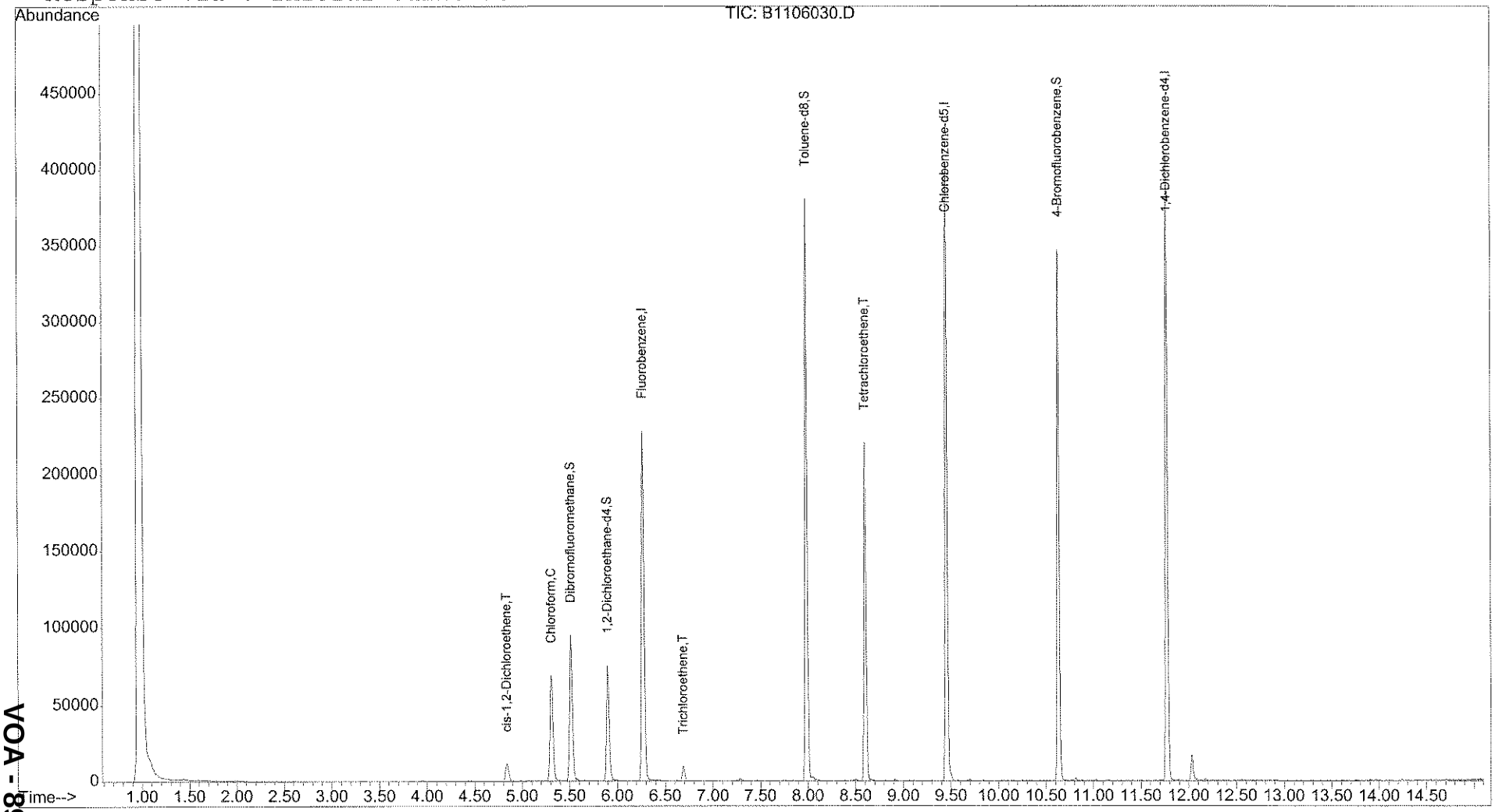
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106030.D Vial: 21
Acq On : 6 Nov 2006 19:06 Operator: DGA
Sample : JPL21-009 MW-21-4 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:35 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 - 89

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106030.D Vial: 21
Acq On : 6 Nov 2006 19:06 Operator: DGA
Sample : JPL21-009 MW-21-4 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:35 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	194687	10.00 ug/l	0.00 62.60%
51) Chlorobenzene-d5	9.45	82	106380	10.00 ug/l	0.00 66.46%
71) 1,4-Dichlorobenzene-d4	11.77	152	108430	10.00 ug/l	0.00 56.28%
System Monitoring Compounds					
32) Dibromofluoromethane	5.51	111	58965	10.76 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	64807	11.56 ug/l	0.00
52) Toluene-d8	7.98	98	219702	10.52 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	92991	12.03 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.23	50	265	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	150	Below Cal #	38
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.61	76	266	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	3.00	84	72	N.D.	
19) Methyl tert-butyl ether	3.33	73	244	N.D.	
20) trans-1,2-Dichloroethene	3.31	96	185	N.D.	
21) Acrylonitrile	0.00	53	0	N.D.	
22) Vinyl acetate	4.11	43	30	N.D.	
23) 1,1-Dichloroethane	3.95	63	1412	N.D.	
24) Chloroprene	4.09	53	46	N.D.	
25) 2,2-Dichloropropane	0.00	77	0	N.D.	
26) cis-1,2-Dichloroethene	4.84	96	5888	1.24 ug/l	83

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106030.D Vial: 21
Acq On : 6 Nov 2006 19:06 Operator: DGA
Sample : JPL21-009 MW-21-4 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:35 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	5.30	41	79	N.D.		
31)	Chloroform	5.31	83	61547	5.93 ug/l		92
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	5.42	56	36	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	5.93	78	33	N.D.		
40)	1,2-Dichloroethane	5.90	62	34	N.D.		
41)	Trichloroethene	6.68	130	3493	0.57 ug/l	#	85
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	6.96	63	33	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.		
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	d	
48)	Bromodichloromethane	7.28	83	577	N.D.		
49)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
50)	4-Methyl-2-pentanone	7.96	43	68	N.D.		
53)	Toluene	8.06	92	490	N.D.		
54)	Ethyl methacrylate	8.31	69	29	N.D.		
55)	trans-1,3-Dichloropropene	8.42	75	31	N.D.		
56)	1,1,2-Trichloroethane	8.58	97	34	N.D.		
57)	Tetrachloroethene	8.60	166	62799	7.96 ug/l		98
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	0.00	107	0	N.D.		
62)	Chlorobenzene	9.48	112	64	N.D.		
63)	1-Chlorohexane	9.50	91	32	N.D.		
64)	Ethylbenzene	9.50	91	32	N.D.		
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
66)	m,p-Xylene	9.71	106	403	N.D.		
67)	o-xylene	10.05	106	44	N.D.		
68)	Styrene	0.00	104	0	N.D.		
69)	Bromoform	0.00	173	0	N.D.		
70)	Isopropylbenzene	10.63	105	64	N.D.		
73)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		

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

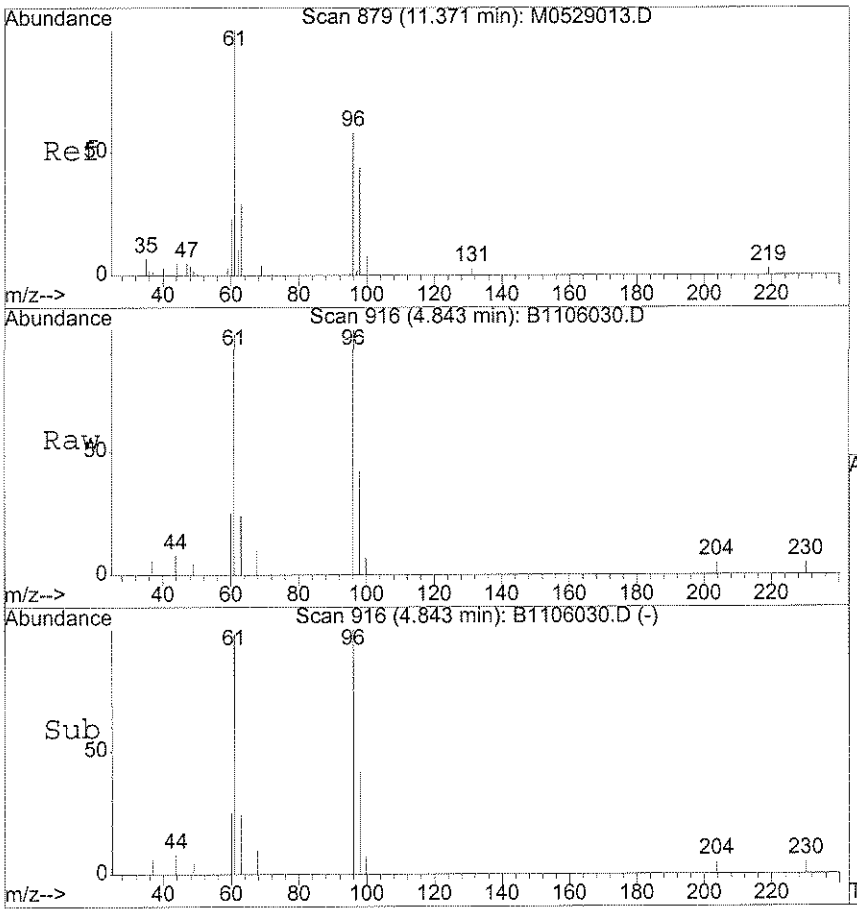
Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106030.D Vial: 21
Acq On : 6 Nov 2006 19:06 Operator: DGA
Sample : JPL21-009 MW-21-4 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:35 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	11.10	120	41	N.D.		
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
76)	Bromobenzene	10.64	156	29	N.D.		
77)	1,2,3-Trichloropropane	10.87	110	29	N.D.		
78)	2-Chlorotoluene	0.00	91	0	N.D.		
79)	1,3,5-Trimethylbenzene	10.87	105	34	N.D.		
80)	4-Chlorotoluene	10.88	91	29	N.D.		
81)	tert-Butylbenzene	11.41	119	31	N.D.		
82)	1,2,4-Trimethylbenzene	11.57	105	30	N.D.		
83)	sec-butylbenzene	11.57	105	30	N.D.		
84)	4-Isopropyltoluene	11.79	119	33	N.D.		
85)	1,3-Dichlorobenzene	11.71	111	126	N.D.		
86)	1,4-Dichlorobenzene	11.81	146	331	N.D.		
87)	n-Butylbenzene	12.31	91	73	N.D.		
88)	1,2-Dichlorobenzene	12.18	146	198	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		d
90)	1,2,4-Trichlorobenzene	13.53	180	33	N.D.		
91)	Hexachlorobutadiene	13.90	225	31	N.D.		
92)	Naphthalene	0.00	128	0	N.D.		
93)	1,2,3-Trichlorobenzene	14.26	180	31	N.D.		

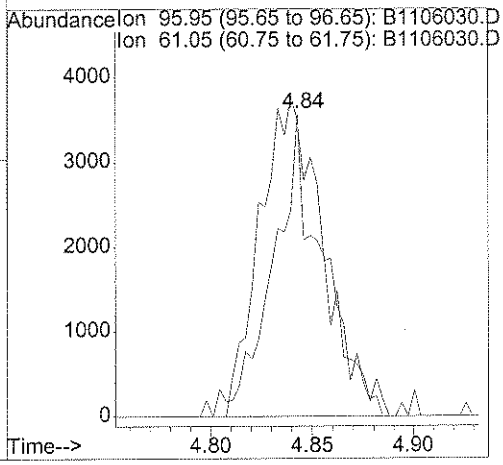
(#) = qualifier out of range (m) = manual integration

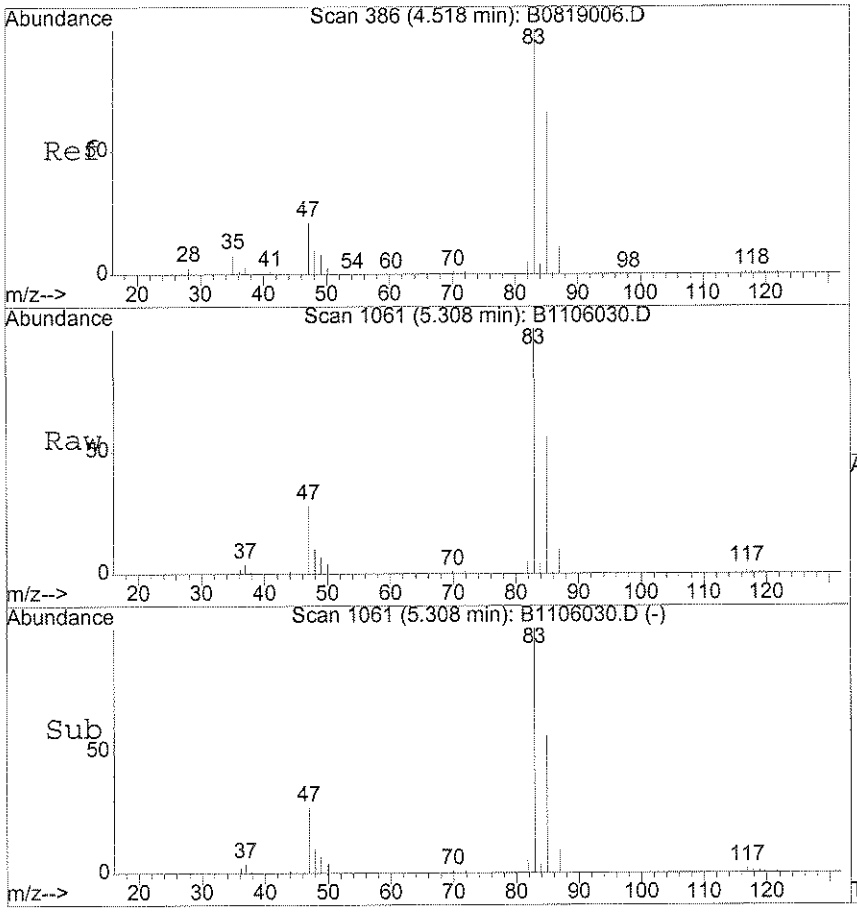


#26
cis-1,2-Dichloroethene
Concen: 1.24 ug/l
RT: 4.84 min Scan# 916
Delta R.T. -0.00 min
Lab File: B1106030.D
Acq: 6 Nov 2006 19:06

Tgt Ion: 96 Resp: 5888

Ion	Ratio	Lower	Upper
96	100		
61	140.3	96.8	145.2

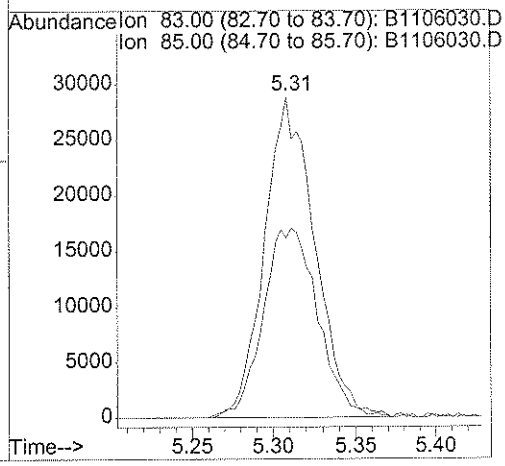


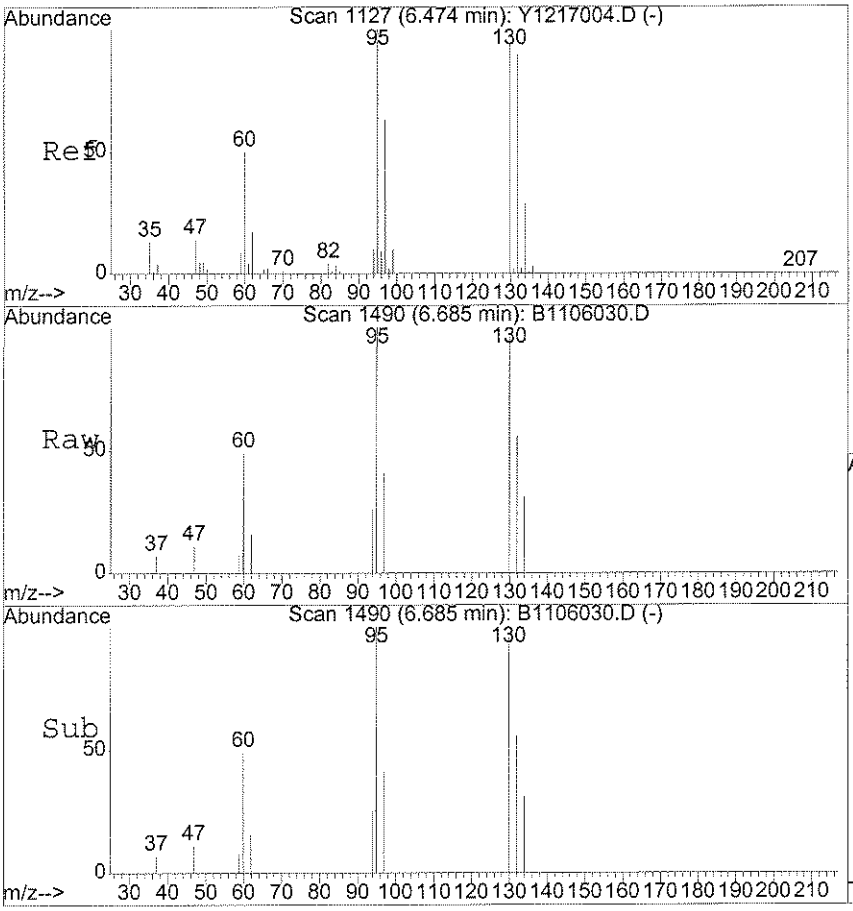


#31
Chloroform
Concen: 5.93 ug/l
RT: 5.31 min Scan# 1061
Delta R.T. -0.00 min
Lab File: B1106030.D
Acq: 6 Nov 2006 19:06

Tgt Ion: 83 Resp: 61547

Ion	Ratio	Lower	Upper
83	100		
85	64.1	38.2	78.2

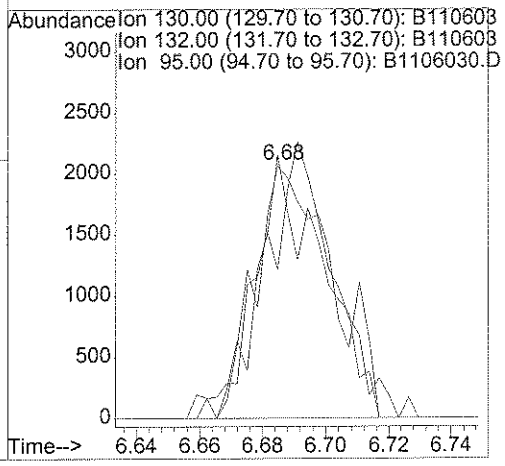


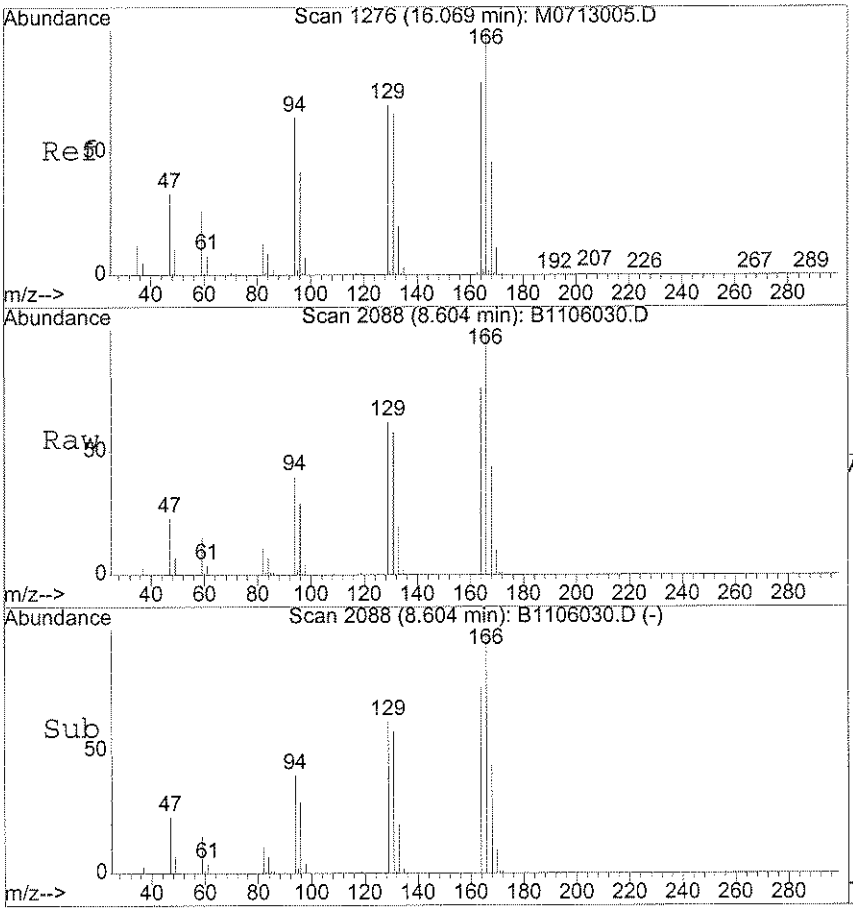


#41
Trichloroethene
Concen: 0.57 ug/l
RT: 6.68 min Scan# 1490
Delta R.T. -0.01 min
Lab File: B1106030.D
Acq: 6 Nov 2006 19:06

Tgt Ion:130 Resp: 3493

Ion	Ratio	Lower	Upper
130	100		
132	99.9	81.1	121.1
95	52.3	60.0	100.0#

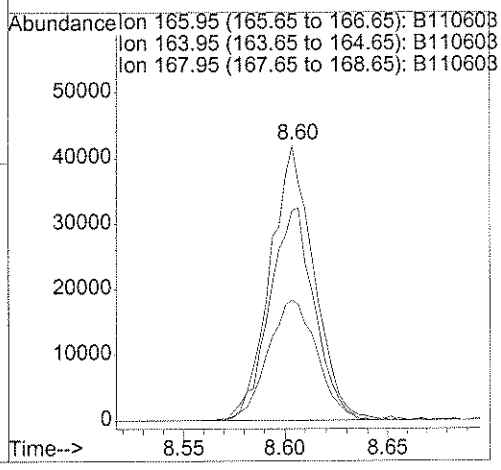




#57
Tetrachloroethene
Concen: 7.96 ug/l
RT: 8.60 min Scan# 2088
Delta R.T. -0.01 min
Lab File: B1106030.D
Acq: 6 Nov 2006 19:06

Tgt Ion:166 Resp: 62799

Ion	Ratio	Lower	Upper
166	100		
164	78.7	60.8	91.2
168	48.4	39.4	59.0



Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110606\B1106030.D Vial: 21
Acq On : 6 Nov 2006 19:06 Operator: DGA
Sample : JPL21-009 MW-21-4 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1106030.D 826025ML.M Thu Nov 16 12:35:29 2006

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-3

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-010

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106031.D

Level: (LOW/MED) Date Collected: 10/26/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 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	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.92	
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	2.4	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.2	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-3

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-010

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106031.D

Level: (LOW/MED) Date Collected: 10/26/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 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	5.2	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-3

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-010

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106031.D

Level: (LOW/MED) _____ Date Collected: 10/26/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/06/2006 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

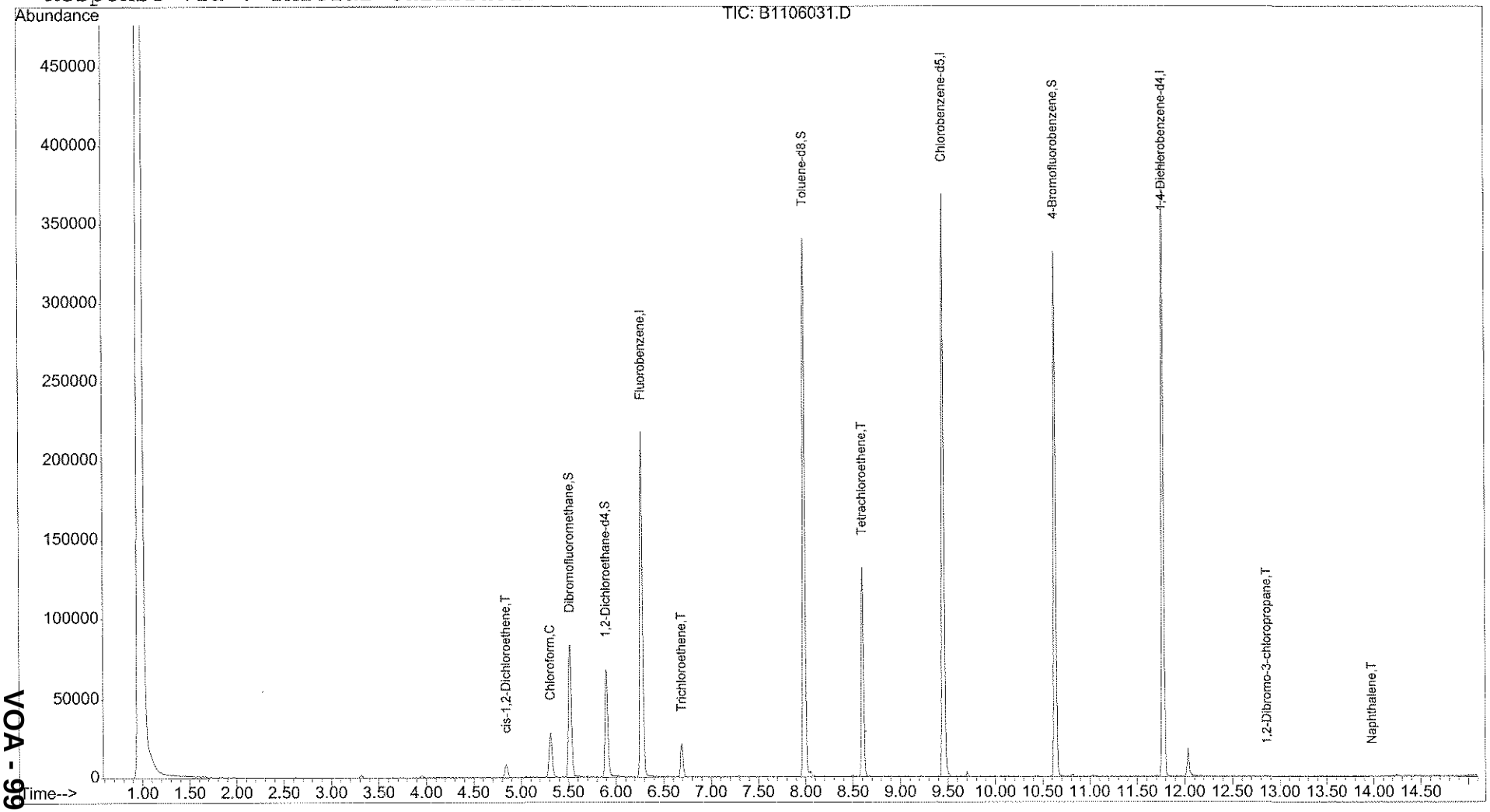
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106031.D Vial: 22
Acq On : 6 Nov 2006 19:36 Operator: DGA
Sample : JPL21-010 MW-21-3 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:36 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 - 99

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106031.D Vial: 22
Acq On : 6 Nov 2006 19:36 Operator: DGA
Sample : JPL21-010 MW-21-3 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:36 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	181547	10.00	ug/l	0.00 58.37%
51) Chlorobenzene-d5	9.45	82	100349	10.00	ug/l	0.00 62.69%
71) 1,4-Dichlorobenzene-d4	11.77	152	102531	10.00	ug/l	0.00 53.22%
System Monitoring Compounds						
32) Dibromofluoromethane	5.52	111	55363	10.84	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	60364	11.55	ug/l	0.00
52) Toluene-d8	7.99	98	202653	10.29	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	85493	11.69	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.24	50	131	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	2.54	43	339	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.61	76	715	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	3.34	73	77	N.D.		
20) trans-1,2-Dichloroethene	3.32	96	720	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	3.95	63	2013	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	4.84	96	4075	0.92	ug/l	97

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106031.D Vial: 22
Acq On : 6 Nov 2006 19:36 Operator: DGA
Sample : JPL21-010 MW-21-3 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:36 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	25584	2.36 ug/l	90
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	0.00	56	0	N.D.	
35)	Carbon Tetrachloride	5.64	117	37	N.D.	
36)	Isobutanol	0.00	43	0	N.D. d	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.91	78	36	N.D.	
40)	1,2-Dichloroethane	5.99	62	40	N.D.	
41)	Trichloroethene	6.69	130	6741	1.18 ug/l	90
42)	Methylcyclohexane	6.70	83	30	N.D.	
43)	1,2-Dichloropropane	6.95	63	29	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.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	Bromodichloromethane	7.29	83	299	N.D.	
49)	cis-1,3-Dichloropropene	7.92	75	30	N.D.	
50)	4-Methyl-2-pentanone	7.92	43	35	N.D.	
53)	Toluene	8.06	92	901	N.D.	
54)	Ethyl methacrylate	8.61	69	31	N.D.	
55)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
56)	1,1,2-Trichloroethane	8.60	97	60	N.D.	
57)	Tetrachloroethene	8.60	166	38343	5.15 ug/l	98
58)	2-Hexanone	0.00	43	0	N.D. d	
59)	1,3-Dichloropropane	8.76	76	32	N.D.	
60)	Dibromochloromethane	0.00	129	0	N.D.	
61)	1,2-Dibromoethane	0.00	107	0	N.D.	
62)	Chlorobenzene	9.48	112	85	N.D.	
63)	1-Chlorohexane	9.58	91	48	N.D.	
64)	Ethylbenzene	9.58	91	48	N.D.	
65)	1,1,1,2-Tetrachloroethane	9.65	131	32	N.D.	
66)	m,p-Xylene	9.59	106	29	N.D.	
67)	o-xylene	10.10	106	40	N.D.	
68)	Styrene	10.12	104	177	N.D.	
69)	Bromoform	0.00	173	0	N.D.	
70)	Isopropylbenzene	10.63	105	390	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.64	83	30	N.D.	

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

Quantitation Report

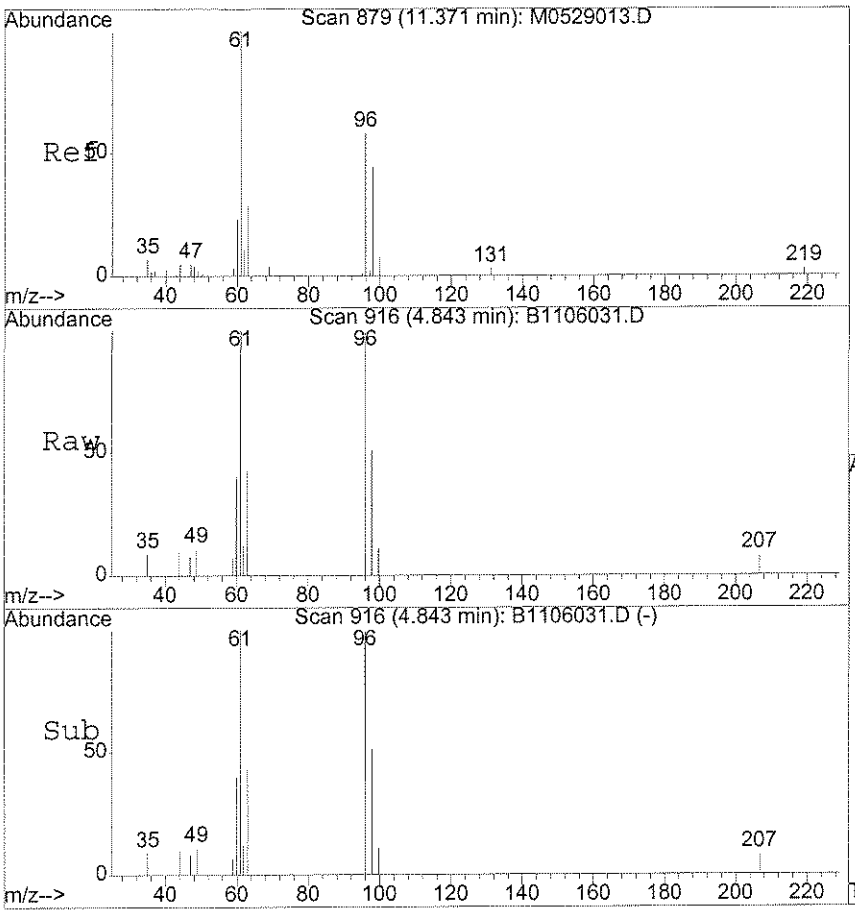
Data File : X:\MSVOA\BUDDHA\110606\B1106031.D Vial: 22
Acq On : 6 Nov 2006 19:36 Operator: DGA
Sample : JPL21-010 MW-21-3 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:36 2006 Quant Results File: 826025ML.RES

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	10.81	120	49	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
76)	Bromobenzene	10.73	156	40	N.D.	
77)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
78)	2-Chlorotoluene	10.97	91	30	N.D.	
79)	1,3,5-Trimethylbenzene	11.06	105	33	N.D.	
80)	4-Chlorotoluene	11.08	91	30	N.D.	
81)	tert-Butylbenzene	11.42	119	30	N.D.	
82)	1,2,4-Trimethylbenzene	11.48	105	32	N.D.	
83)	sec-butylbenzene	11.58	105	30	N.D.	
84)	4-Isopropyltoluene	11.77	119	34	N.D.	
85)	1,3-Dichlorobenzene	11.69	111	48	N.D.	
86)	1,4-Dichlorobenzene	11.79	146	44	N.D.	
87)	n-Butylbenzene	12.27	91	37	N.D.	
88)	1,2-Dichlorobenzene	12.17	146	118	N.D.	
89)	1,2-Dibromo-3-chloropropan	12.86	157	30	~~1.01 ug/l #~~ ND	6
90)	1,2,4-Trichlorobenzene	13.77	180	32	N.D.	
91)	Hexachlorobutadiene	13.58	225	41	N.D.	
92)	Naphthalene	13.99	128	46	~~0.77 ug/l #~~ ND	69
93)	1,2,3-Trichlorobenzene	14.24	180	262	N.D.	

JM 11/16/06

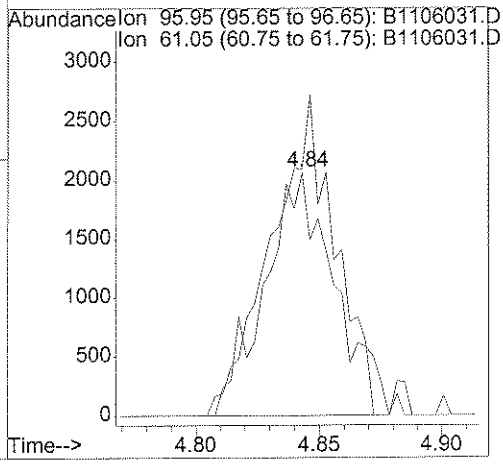
(#) = qualifier out of range (m) = manual integration

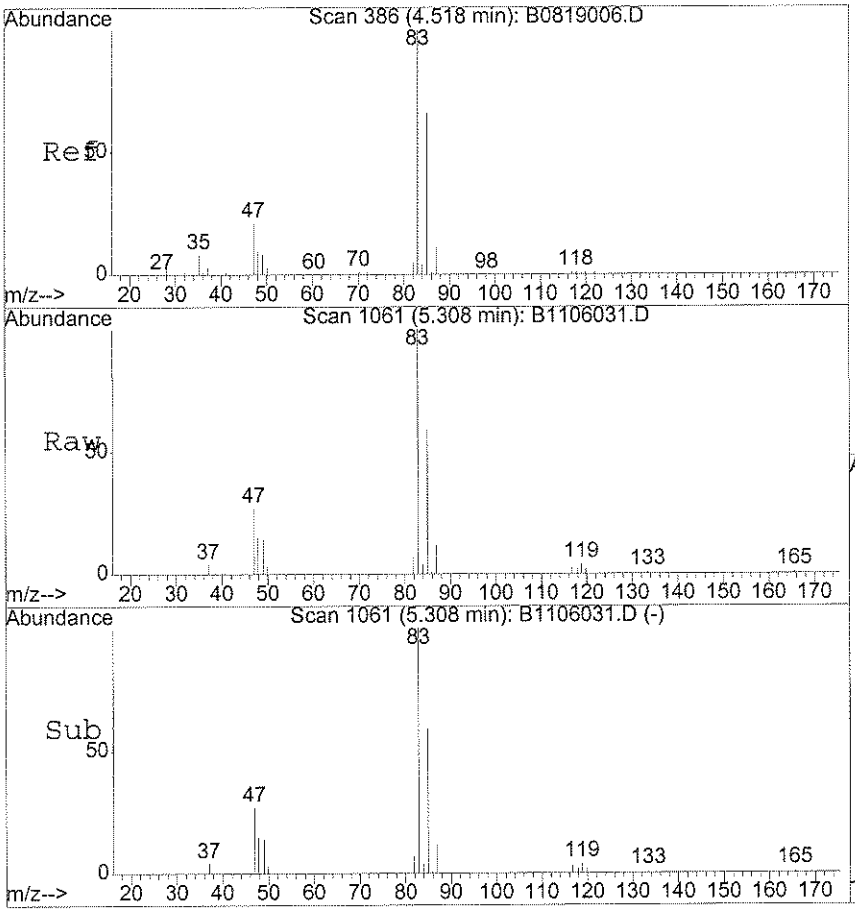


#26
cis-1,2-Dichloroethene
Concen: 0.92 ug/l
RT: 4.84 min Scan# 916
Delta R.T. -0.00 min
Lab File: B1106031.D
Acq: 6 Nov 2006 19:36

Tgt Ion: 96 Resp: 4075

Ion	Ratio	Lower	Upper
96	100		
61	118.2	96.8	145.2

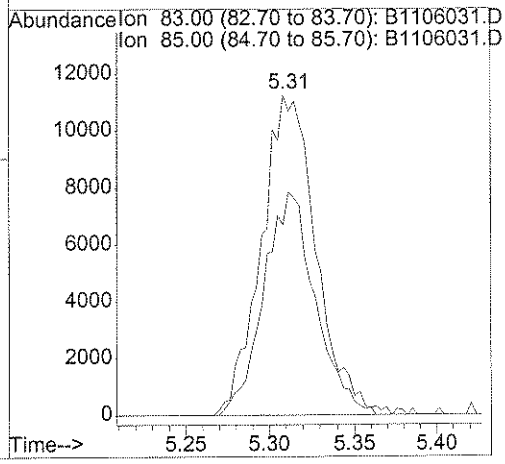


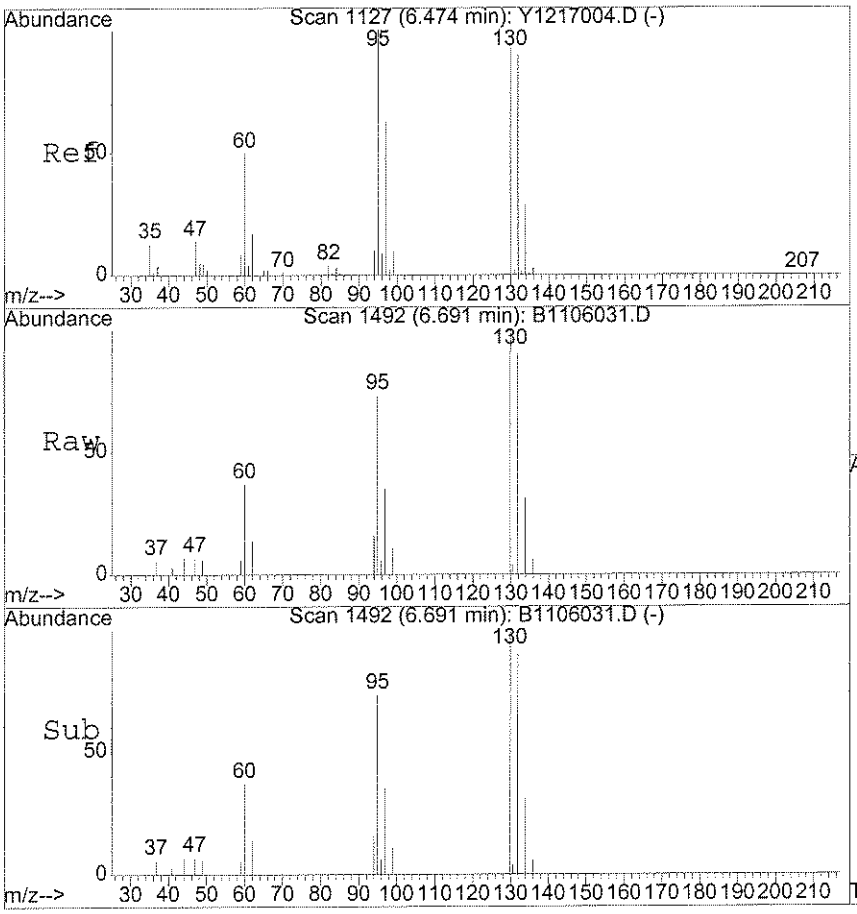


#31
Chloroform
Concen: 2.36 ug/l
RT: 5.31 min Scan# 1061
Delta R.T. -0.00 min
Lab File: B1106031.D
Acq: 6 Nov 2006 19:36

Tgt Ion: 83 Resp: 25584

Ion	Ratio	Lower	Upper
83	100		
85	65.6	38.2	78.2

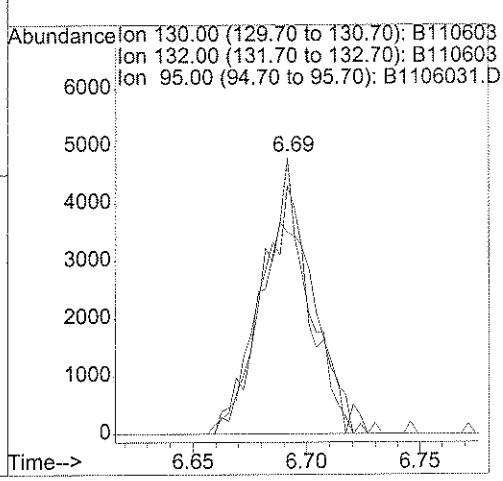


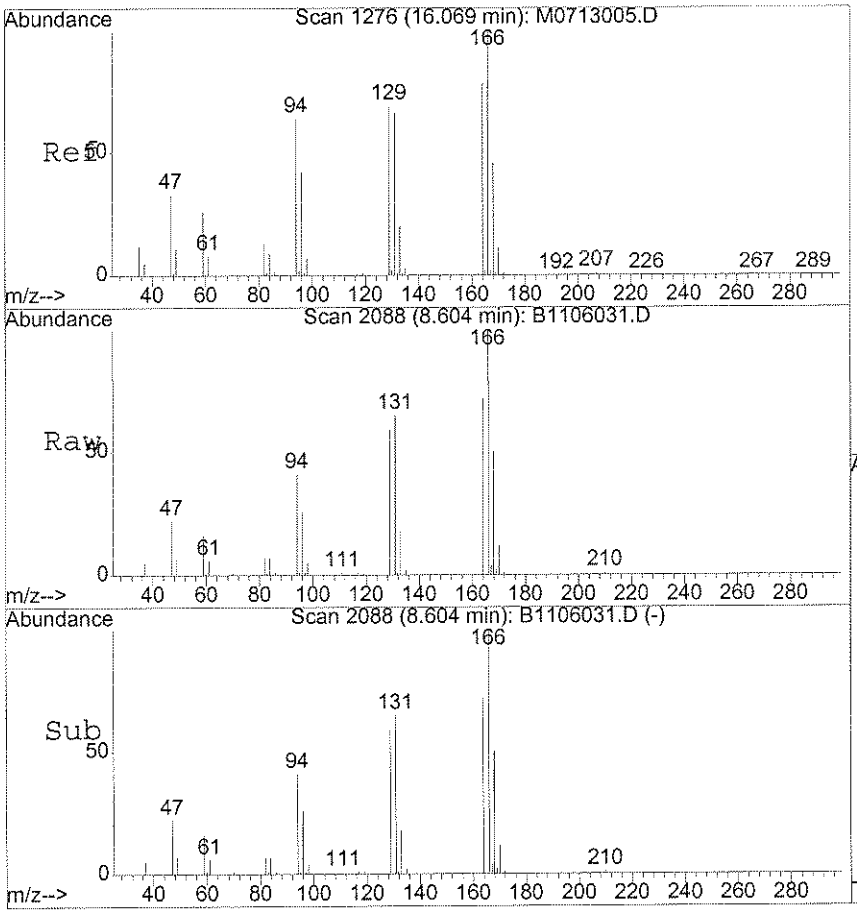


#41
Trichloroethene
Concen: 1.18 ug/l
RT: 6.69 min Scan# 1492
Delta R.T. -0.00 min
Lab File: B1106031.D
Acq: 6 Nov 2006 19:36

Tgt Ion:130 Resp: 6741

Ion	Ratio	Lower	Upper
130	100		
132	105.8	81.1	121.1
95	94.7	60.0	100.0

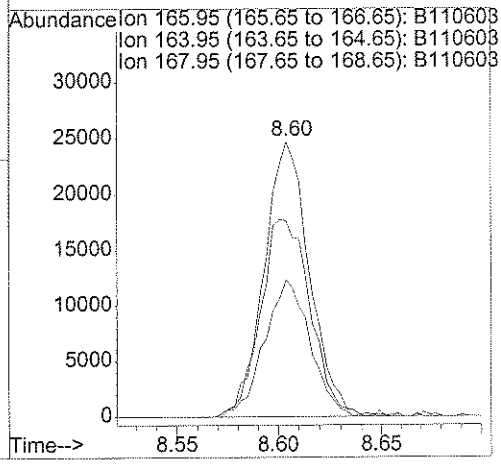




#57
Tetrachloroethene
Concen: 5.15 ug/l
RT: 8.60 min Scan# 2088
Delta R.T. -0.01 min
Lab File: B1106031.D
Acq: 6 Nov 2006 19:36

Tgt Ion:166 Resp: 38343

Ion	Ratio	Lower	Upper
166	100		
164	78.2	60.8	91.2
168	49.9	39.4	59.0



Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110606\B1106031.D Vial: 22
Acq On : 6 Nov 2006 19:36 Operator: DGA
Sample : JPL21-010 MW-21-3 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1106031.D 826025ML.M Thu Nov 16 12:36:32 2006

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-2

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-011

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106032.D

Level: (LOW/MED) _____ Date Collected: 10/26/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/06/2006 20:06

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	2.1	
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	3.2	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.1	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-2

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-011

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106032.D

Level: (LOW/MED) Date Collected: 10/26/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 20:06

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	12	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-2

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-011

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106032.D

Level: (LOW/MED) _____ Date Collected: 10/26/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/06/2006 20:06

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

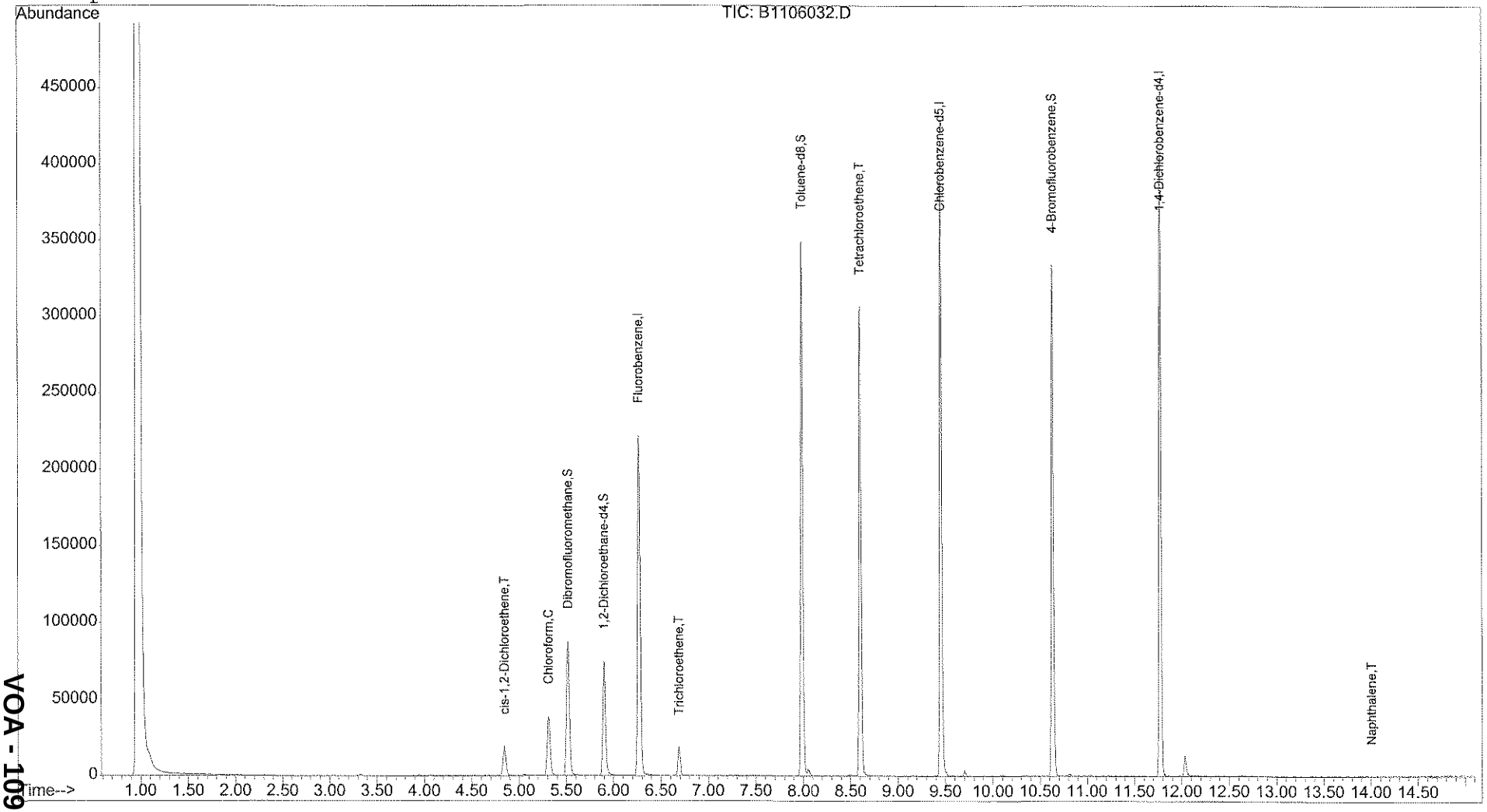
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106032.D Vial: 23
Acq On : 6 Nov 2006 20:06 Operator: DGA
Sample : JPL21-011 MW-21-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:37 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 - 109

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106032.D Vial: 23
Acq On : 6 Nov 2006 20:06 Operator: DGA
Sample : JPL21-011 MW-21-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:37 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	189752	10.00 ug/l	0.00 61.01%
51) Chlorobenzene-d5	9.45	82	102443	10.00 ug/l	0.00 64.00%
71) 1,4-Dichlorobenzene-d4	11.77	152	103753	10.00 ug/l	0.00 53.86%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	58288	10.92 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	63613	11.64 ug/l	0.00
52) Toluene-d8	7.99	98	209476	10.42 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	86594	11.71 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	2.55	43	147	Below Cal #	38
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.60	76	102	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	63	N.D.	
19) Methyl tert-butyl ether	3.34	73	1047	N.D.	
20) trans-1,2-Dichloroethene	3.33	96	234	N.D.	
21) Acrylonitrile	0.00	53	0	N.D.	
22) Vinyl acetate	0.00	43	0	N.D.	
23) 1,1-Dichloroethane	3.95	63	1577	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	4.77	77	35	N.D.	
26) cis-1,2-Dichloroethene	4.85	96	9843	2.13 ug/l	97

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106032.D Vial: 23
Acq On : 6 Nov 2006 20:06 Operator: DGA
Sample : JPL21-011 MW-21-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:37 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	5.30	41	44	N.D.	
31)	Chloroform	5.31	83	34864	3.23 ug/l	94
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	5.61	75	33	N.D.	
39)	Benzene	5.91	78	81	N.D.	
40)	1,2-Dichloroethane	5.89	62	54	N.D.	
41)	Trichloroethene	6.69	130	6378	1.06 ug/l	87
42)	Methylcyclohexane	6.69	83	40	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	7.02	41	29	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	175	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	984	N.D.	
54)	Ethyl methacrylate	8.58	69	40	N.D.	
55)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
56)	1,1,2-Trichloroethane	8.60	97	364	N.D.	
57)	Tetrachloroethene	8.60	166	89984	11.84 ug/l	97
58)	2-Hexanone	0.00	43	0	N.D. d	
59)	1,3-Dichloropropane	8.75	76	46	N.D.	
60)	Dibromochloromethane	0.00	129	0	N.D.	
61)	1,2-Dibromoethane	0.00	107	0	N.D.	
62)	Chlorobenzene	9.49	112	42	N.D.	
63)	1-Chlorohexane	9.59	91	408	N.D.	
64)	Ethylbenzene	9.59	91	408	N.D.	
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66)	m,p-Xylene	9.71	106	749	N.D.	
67)	o-xylene	10.08	106	51	N.D.	
68)	Styrene	0.00	104	0	N.D.	
69)	Bromoform	0.00	173	0	N.D.	
70)	Isopropylbenzene	10.46	105	30	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.64	83	34	N.D.	

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

Quantitation Report

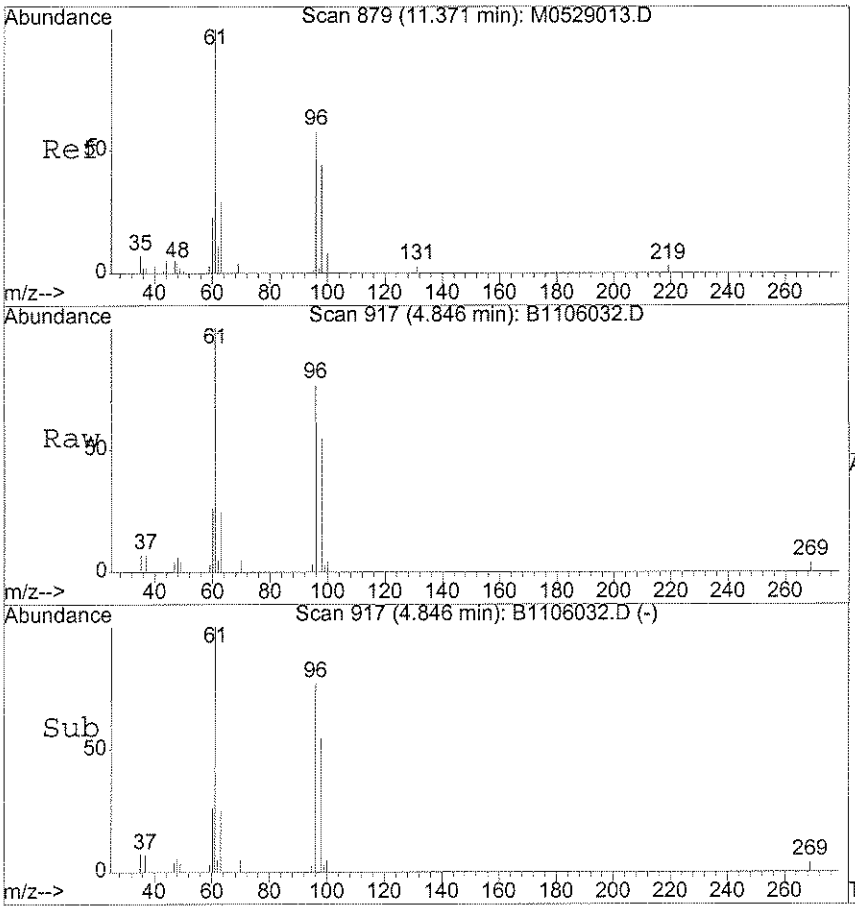
Data File : X:\MSVOA\BUDDHA\110606\B1106032.D Vial: 23
Acq On : 6 Nov 2006 20:06 Operator: DGA
Sample : JPL21-011 MW-21-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:37 2006 Quant Results File: 826025ML.RES

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	0.00	53	0	N.D.	
76)	Bromobenzene	10.64	156	35	N.D.	
77)	1,2,3-Trichloropropane	10.64	110	37	N.D.	
78)	2-Chlorotoluene	10.96	91	29	N.D.	
79)	1,3,5-Trimethylbenzene	10.97	105	90	N.D.	
80)	4-Chlorotoluene	11.01	91	36	N.D.	
81)	tert-Butylbenzene	11.33	119	38	N.D.	
82)	1,2,4-Trimethylbenzene	11.41	105	31	N.D.	
83)	sec-butylbenzene	11.41	105	31	N.D.	
84)	4-Isopropyltoluene	11.77	119	93	N.D.	
85)	1,3-Dichlorobenzene	11.78	111	1409	N.D.	
86)	1,4-Dichlorobenzene	11.80	146	44	N.D.	
87)	n-Butylbenzene	0.00	91	0	N.D.	
88)	1,2-Dichlorobenzene	12.16	146	37	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	14.00	128	46	~~0.77 ug/l~~ #ND	69
93)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

JM 11/16/06

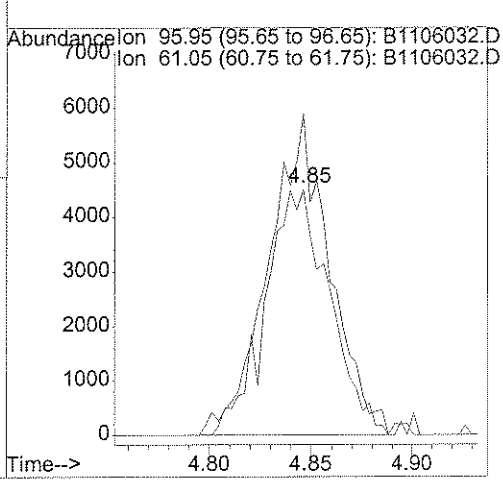
(#) = qualifier out of range (m) = manual integration
B1106032.D 826025ML.M Thu Nov 16 12:37:29 2006 Page 3

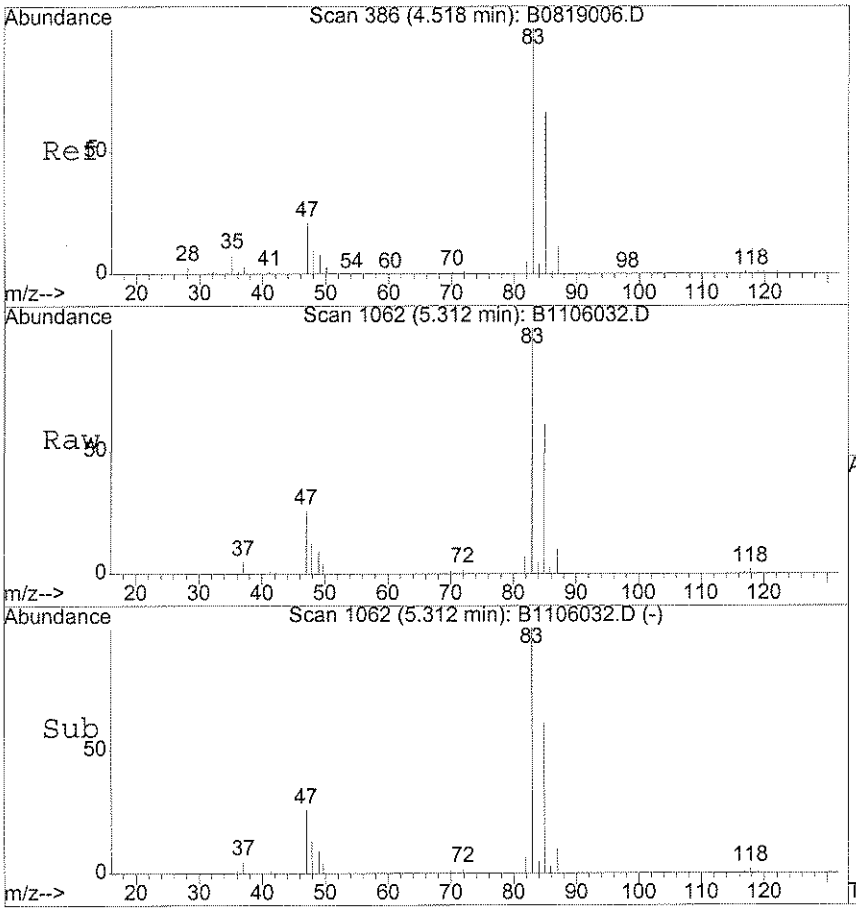


#26
cis-1,2-Dichloroethene
Concen: 2.13 ug/l
RT: 4.85 min Scan# 917
Delta R.T. 0.00 min
Lab File: B1106032.D
Acq: 6 Nov 2006 20:06

Tgt Ion: 96 Resp: 9843

Ion	Ratio	Lower	Upper
96	100		
61	124.9	96.8	145.2

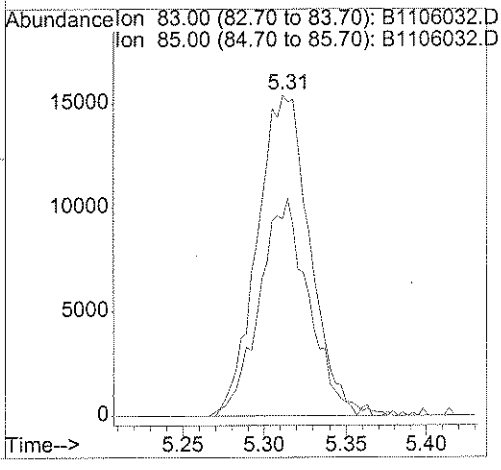


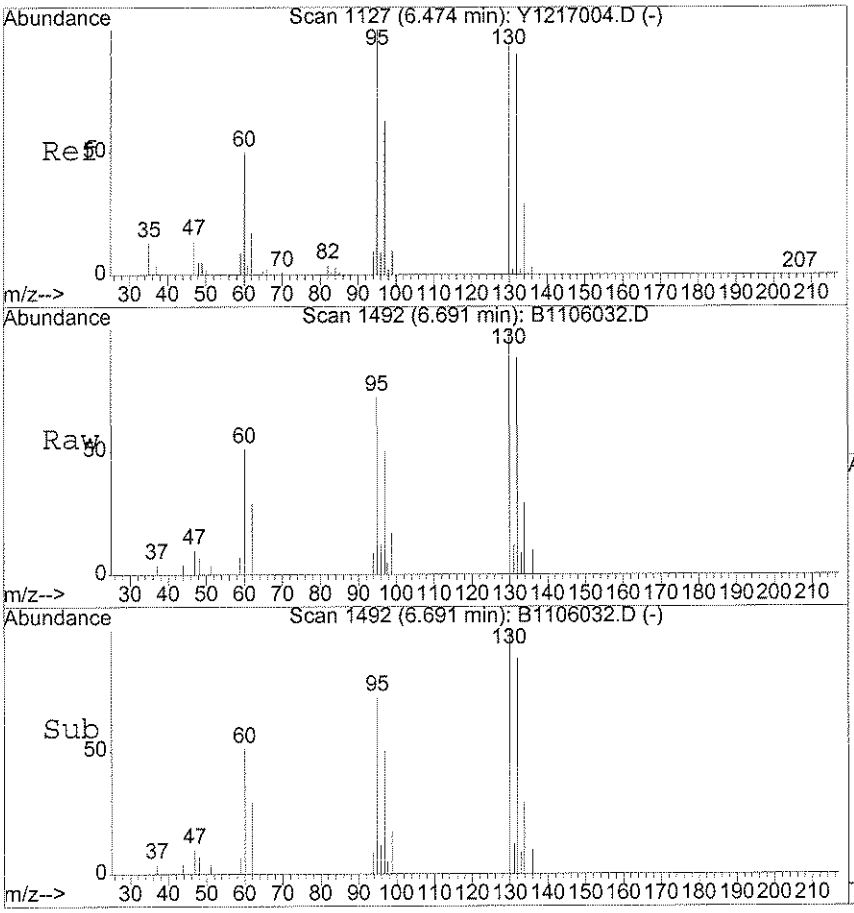


#31
Chloroform
Concen: 3.23 ug/l
RT: 5.31 min Scan# 1062
Delta R.T. 0.00 min
Lab File: B1106032.D
Acq: 6 Nov 2006 20:06

Tgt Ion: 83 Resp: 34864

Ion	Ratio	Lower	Upper
83	100		
85	62.6	38.2	78.2

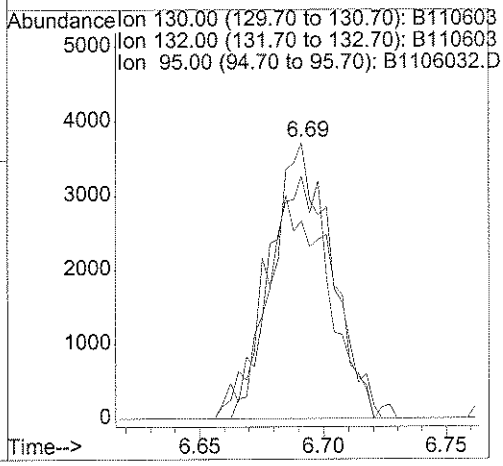


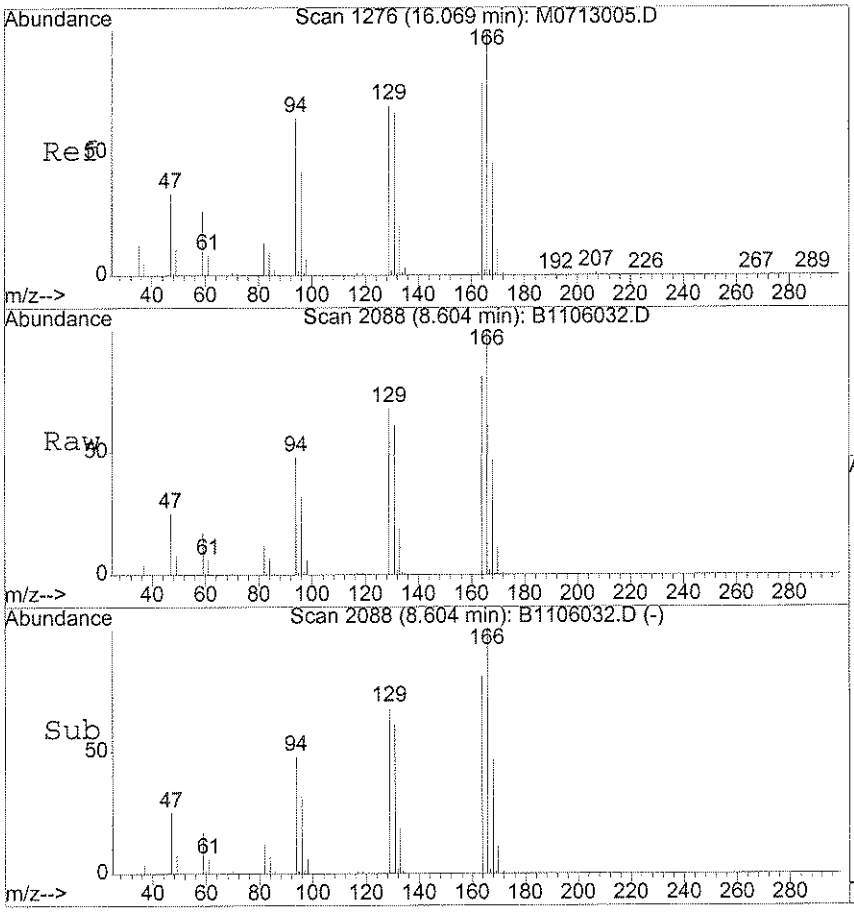


#41
Trichloroethene
Concen: 1.06 ug/l
RT: 6.69 min Scan# 1492
Delta R.T. -0.00 min
Lab File: B1106032.D
Acq: 6 Nov 2006 20:06

Tgt Ion:130 Resp: 6378

Ion	Ratio	Lower	Upper
130	100		
132	85.7	81.1	121.1
95	88.8	60.0	100.0

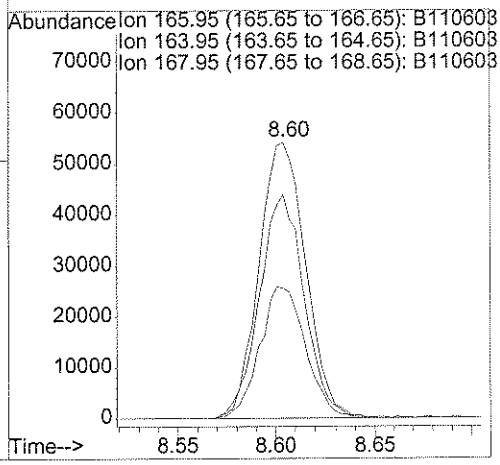




#57
Tetrachloroethene
Concen: 11.84 ug/l
RT: 8.60 min Scan# 2088
Delta R.T. -0.01 min
Lab File: B1106032.D
Acq: 6 Nov 2006 20:06

Tgt Ion:166 Resp: 89984

Ion	Ratio	Lower	Upper
166	100		
164	77.6	60.8	91.2
168	46.7	39.4	59.0



Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110606\B1106032.D Vial: 23
Acq On : 6 Nov 2006 20:06 Operator: DGA
Sample : JPL21-011 MW-21-2 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1106032.D 826025ML.M Thu Nov 16 12:37:34 2006

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-1

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-012

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106033.D

Level: (LOW/MED) Date Collected: 10/26/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 20:36

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	0.47	J
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	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-21-1

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-012

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106033.D

Level: (LOW/MED) Date Collected: 10/26/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 20:36

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.

MW-21-1

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-012

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106033.D

Level: (LOW/MED) Date Collected: 10/26/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 20:36

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

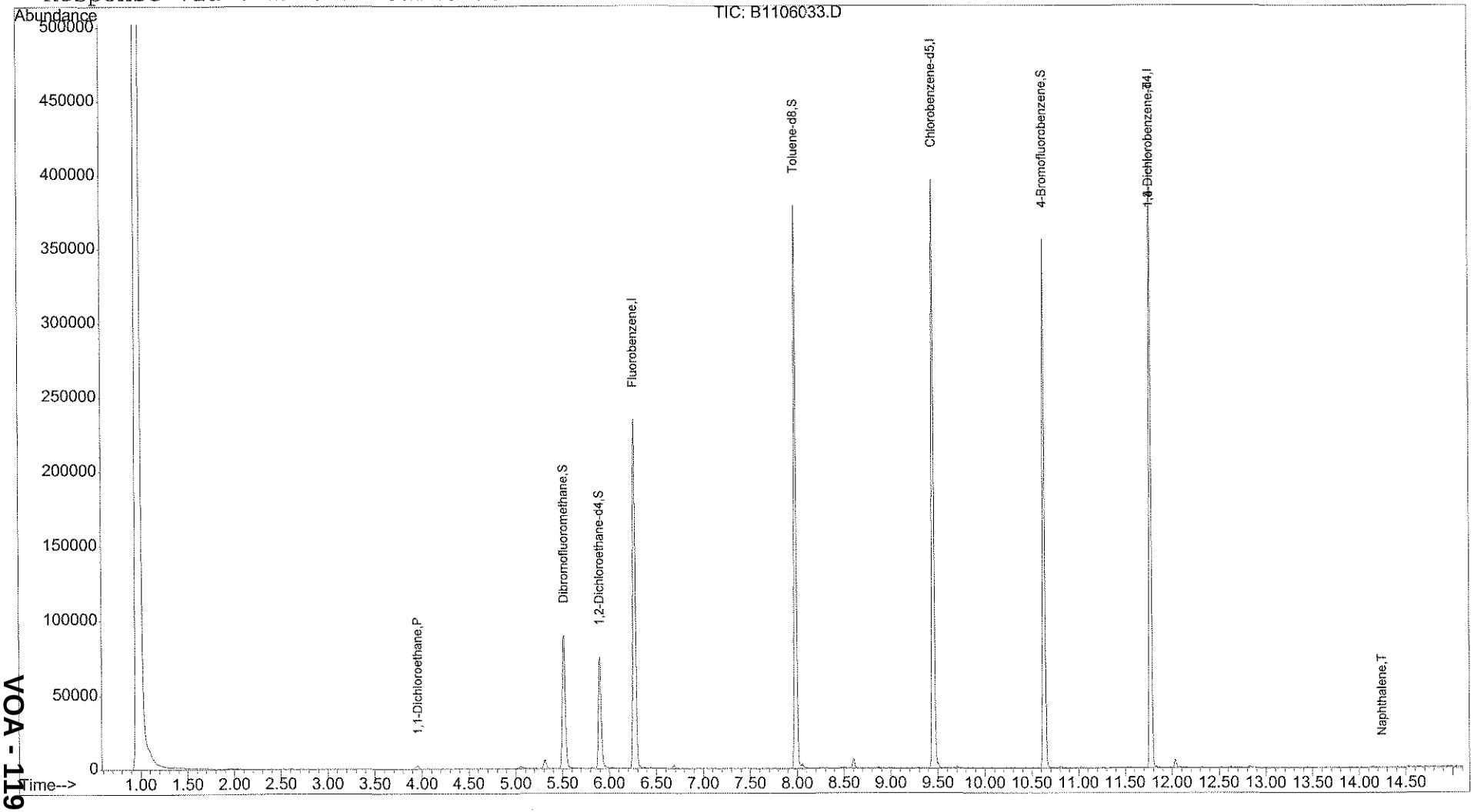
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106033.D Vial: 24
Acq On : 6 Nov 2006 20:36 Operator: DGA
Sample : JPL21-012 MW-21-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:39 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



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Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106033.D Vial: 24
Acq On : 6 Nov 2006 20:36 Operator: DGA
Sample : JPL21-012 MW-21-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:39 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	197877	10.00 ug/l	0.00 63.62%
51) Chlorobenzene-d5	9.45	82	103566	10.00 ug/l	0.00 64.70%
71) 1,4-Dichlorobenzene-d4	11.77	152	106744	10.00 ug/l	0.00 55.41%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	59654	10.71 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	66434	11.66 ug/l	0.00
52) Toluene-d8	7.98	98	217267	10.69 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	89293	11.73 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.23	50	275	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	2.53	43	431	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.61	76	228	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	4.06	43	31	N.D.	
23) 1,1-Dichloroethane	3.96	63	4439	0.47 ug/l	94
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	4.77	77	29	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\110606\B1106033.D Vial: 24
Acq On : 6 Nov 2006 20:36 Operator: DGA
Sample : JPL21-012 MW-21-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:39 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	5.28	41	31	N.D.	
31) Chloroform	5.31	83	5490	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) Isobutanol	0.00	43	0	N.D.	
37) 1,1-Dichloropropene	0.00	75	0	N.D.	
39) Benzene	5.93	78	62	N.D.	
40) 1,2-Dichloroethane	0.00	62	0	N.D.	
41) Trichloroethene	6.69	130	482	N.D.	
42) Methylcyclohexane	6.68	83	48	N.D.	
43) 1,2-Dichloropropane	6.96	63	32	Below Cal #	45
44) Dibromomethane	0.00	93	0	N.D.	
45) Methyl methacrylate	7.16	41	29	N.D.	
46) 1,4-Dioxane	0.00	88	0	N.D.	
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
48) Bromodichloromethane	7.28	83	38	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	343	N.D.	
54) Ethyl methacrylate	8.59	69	31	N.D.	
55) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
56) 1,1,2-Trichloroethane	8.55	97	30	N.D.	
57) Tetrachloroethene	8.61	166	779	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	9.20	107	36	N.D.	
62) Chlorobenzene	0.00	112	0	N.D.	
63) 1-Chlorohexane	9.57	91	34	N.D.	
64) Ethylbenzene	9.57	91	34	N.D.	
65) 1,1,1,2-Tetrachloroethane	9.64	131	31	N.D.	
66) m,p-Xylene	9.70	106	177	N.D.	
67) o-xylene	10.10	106	32	N.D.	
68) Styrene	0.00	104	0	N.D.	
69) Bromoform	10.33	173	36	N.D.	
70) Isopropylbenzene	10.64	105	337	N.D.	
73) 1,1,2,2-Tetrachloroethane	10.95	83	32	N.D.	

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

Quantitation Report

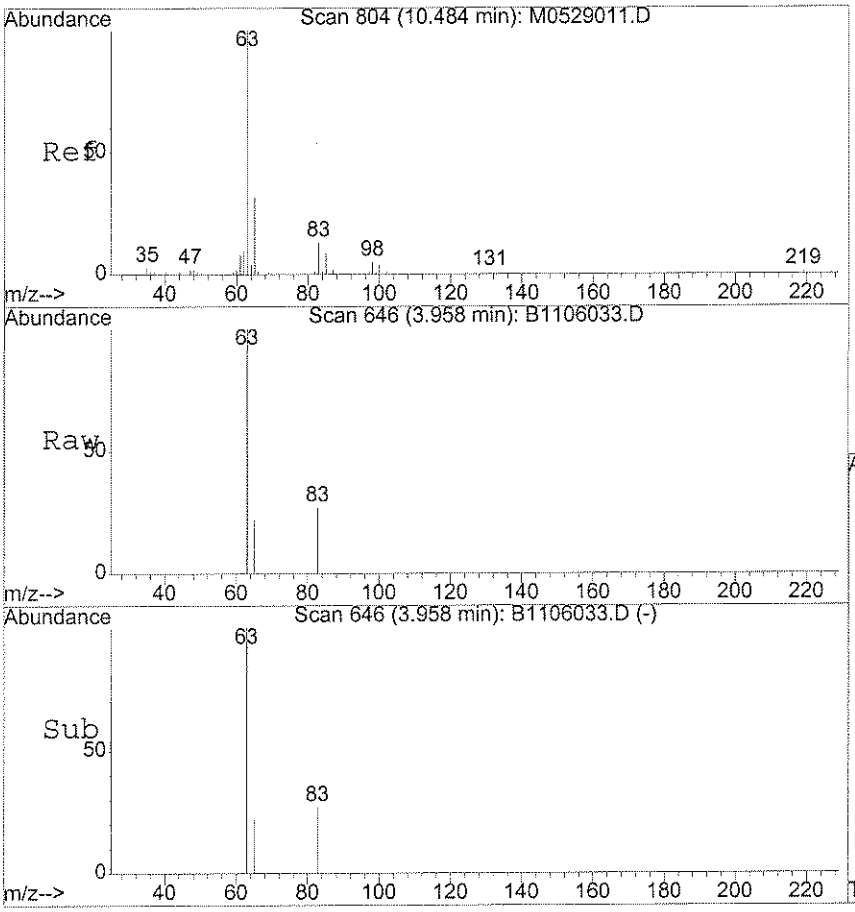
Data File : X:\MSVOA\BUDDHA\110606\B1106033.D Vial: 24
Acq On : 6 Nov 2006 20:36 Operator: DGA
Sample : JPL21-012 MW-21-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:39 2006 Quant Results File: 826025ML.RES

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	10.87	120	33	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
76)	Bromobenzene	10.63	156	44	N.D.	
77)	1,2,3-Trichloropropane	10.65	110	31	N.D.	
78)	2-Chlorotoluene	11.08	91	30	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	4-Chlorotoluene	11.07	91	78	N.D.	
81)	tert-Butylbenzene	11.42	119	36	N.D.	
82)	1,2,4-Trimethylbenzene	11.57	105	29	N.D.	
83)	sec-butylbenzene	11.58	105	44	N.D.	
84)	4-Isopropyltoluene	11.72	119	38	N.D.	
85)	1,3-Dichlorobenzene	11.77	111	1435	~~0.33 ug/l~~ #No	1
86)	1,4-Dichlorobenzene	11.79	146	35	N.D.	
87)	n-Butylbenzene	12.14	91	60	N.D.	
88)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
90)	1,2,4-Trichlorobenzene	13.51	180	29	N.D.	
91)	Hexachlorobutadiene	0.00	225	0	N.D.	
92)	Naphthalene	14.25	128	29	~~0.76 ug/l~~ #No	69
93)	1,2,3-Trichlorobenzene	14.19	180	51	N.D.	

11/16/06

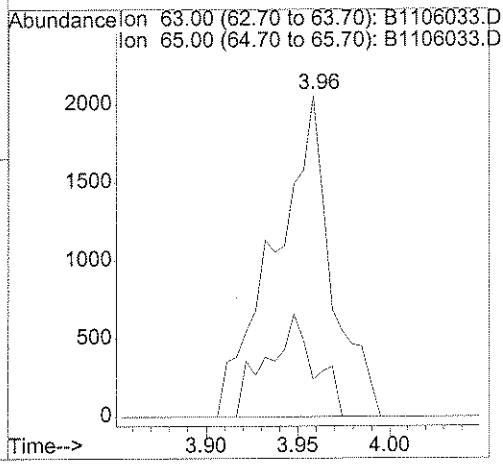
(#) = qualifier out of range (m) = manual integration

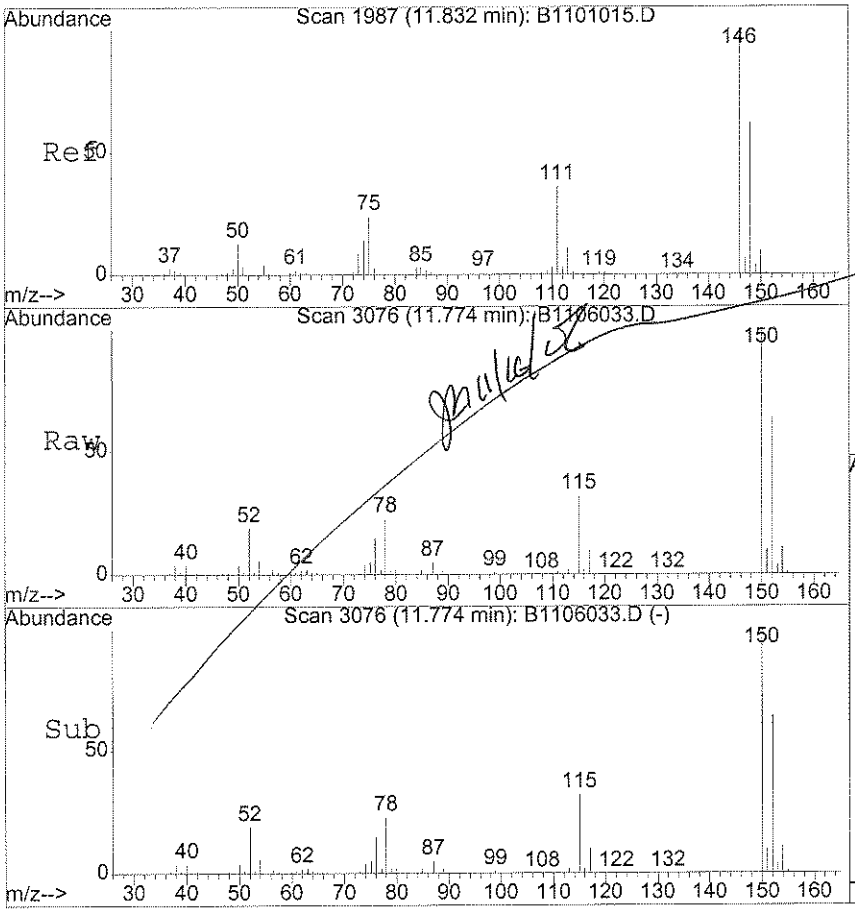


#23
1,1-Dichloroethane
Concen: 0.47 ug/l
RT: 3.96 min Scan# 646
Delta R.T. 0.02 min
Lab File: B1106033.D
Acq: 6 Nov 2006 20:36

Tgt Ion: 63 Resp: 4439

Ion	Ratio	Lower	Upper
63	100		
65	26.9	10.0	50.0

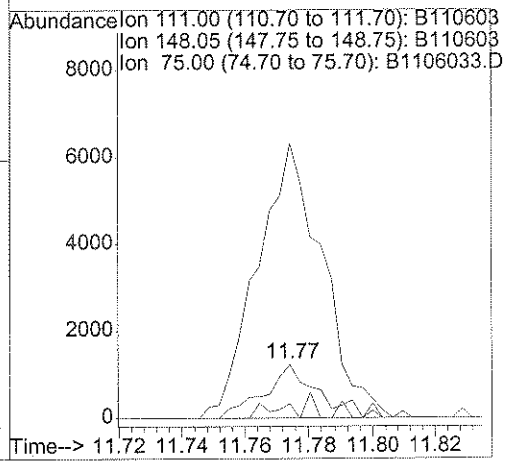




#85
1,3-Dichlorobenzene
Concen: 0.33 ug/l
RT: 11.77 min Scan# 3076
Delta R.T. 0.07 min
Lab File: B1106033.D
Acq: 6 Nov 2006 20:36

Tgt Ion:111 Resp: 1435

Ion	Ratio	Lower	Upper
111	100		
148	4.4	130.9	196.3#
75	624.3	64.0	96.0#



B1106033.D 826025ML.M Acq : 6 Nov 2006 20:36
Sample = JPL21-012 MW-21-1 Misc = 25ML +IS/SS (524)

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110606\B1106033.D Vial: 24
Acq On : 6 Nov 2006 20:36 Operator: DGA
Sample : JPL21-012 MW-21-1 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1106033.D 826025ML.M Thu Nov 16 12:39:27 2006

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-1-10/26/06

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-013

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106034.D

Level: (LOW/MED) Date Collected: 10/26/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 21:05

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-1-10/26/06

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-013

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106034.D

Level: (LOW/MED) Date Collected: 10/26/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 21:05

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

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

Heated Purge: (Y/N) N

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-1-10/26/06

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-013

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106034.D

Level: (LOW/MED) Date Collected: 10/26/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 21:05

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

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

Heated Purge: (Y/N) N

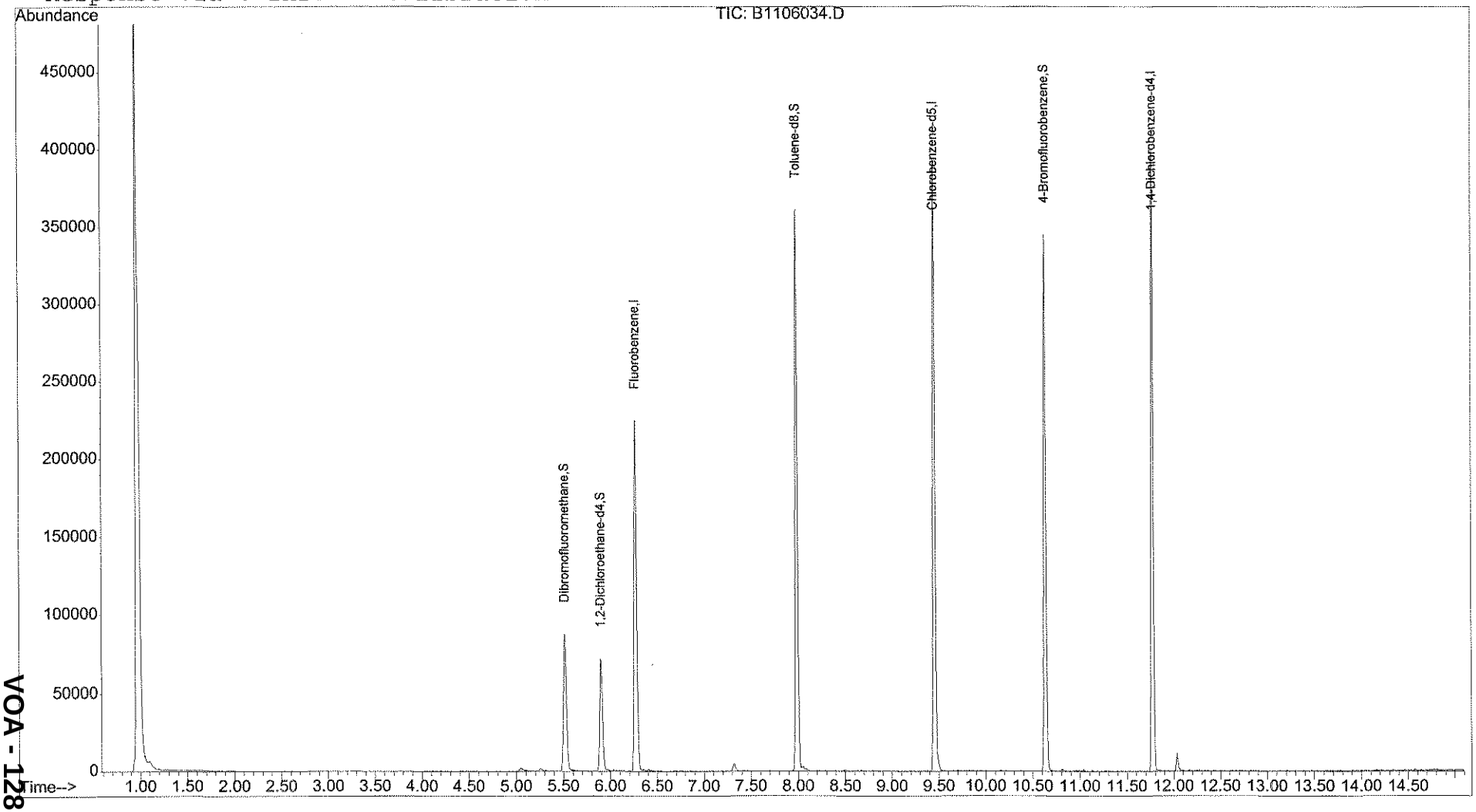
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106034.D Vial: 25
Acq On : 6 Nov 2006 21:05 Operator: DGA
Sample : JPL21-013 EB-1-10/26/05 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 7:09 2006 Quant Results File: 826025ML.RES

Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration



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Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106034.D Vial: 25
Acq On : 6 Nov 2006 21:05 Operator: DGA
Sample : JPL21-013 EB-1-10/26/05 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 7:09 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : G:\BUDDHA\BUDDHA\090806\B1103009.D (3 Nov 2006 13:31)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	189988	10.00 ug/l	0.00 61.09%
51) Chlorobenzene-d5	9.45	82	102940	10.00 ug/l	0.00 64.31%
71) 1,4-Dichlorobenzene-d4	11.78	152	104248	10.00 ug/l	0.00 54.11%
System Monitoring Compounds					
32) Dibromofluoromethane	5.51	111	55397	10.36 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	64180	11.73 ug/l	0.00
52) Toluene-d8	7.99	98	212980	10.54 ug/l	0.00
72) 4-Bromofluorobenzene	10.64	95	87935	11.83 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.23	50	78	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	2.61	76	157	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	141	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	39	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	4.94	96	30	N.D.	

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106034.D Vial: 25
Acq On : 6 Nov 2006 21:05 Operator: DGA
Sample : JPL21-013 EB-1-10/26/05 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 7:09 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	4.94	43	46	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	5.20	41	34	N.D.		
31)	Chloroform	5.31	83	178	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)	Isobutanol	0.00	43	0	N.D.	d	
37)	1,1-Dichloropropene	5.56	75	39	N.D.		
39)	Benzene	0.00	78	0	N.D.		
40)	1,2-Dichloroethane	5.92	62	98	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.	d	
48)	Bromodichloromethane	7.32	83	38	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	77	N.D.		
54)	Ethyl methacrylate	8.55	69	30	N.D.		
55)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
56)	1,1,2-Trichloroethane	8.50	97	31	N.D.		
57)	Tetrachloroethene	0.00	166	0	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.	d	
59)	1,3-Dichloropropane	8.74	76	39	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	9.60	91	33	N.D.		
64)	Ethylbenzene	9.60	91	33	N.D.		
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
66)	m,p-Xylene	9.79	106	48	N.D.		
67)	o-xylene	9.94	106	48	N.D.		
68)	Styrene	10.12	104	34	N.D.		
69)	Bromoform	0.00	173	0	N.D.		
70)	Isopropylbenzene	10.64	105	245	N.D.		
73)	1,1,2,2-Tetrachloroethane	10.64	83	32	N.D.		

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106034.D Vial: 25
Acq On : 6 Nov 2006 21:05 Operator: DGA
Sample : JPL21-013 EB-1-10/26/05 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 7:09 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	n-Propylbenzene	10.80	120	30	N.D.		
75)	trans-1,4-Dichloro-2-buten	10.54	53	51	N.D.		
76)	Bromobenzene	10.70	156	36	N.D.		
77)	1,2,3-Trichloropropane	10.64	110	44	N.D.		
78)	2-Chlorotoluene	10.86	91	37	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	4-Chlorotoluene	10.86	91	37	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.39	105	35	N.D.		
83)	sec-butylbenzene	11.39	105	35	N.D.		
84)	4-Isopropyltoluene	11.76	119	54	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d	
86)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	12.10	91	29	N.D.		
88)	1,2-Dichlorobenzene	12.17	146	30	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	d	
90)	1,2,4-Trichlorobenzene	13.61	180	56	N.D.		
91)	Hexachlorobutadiene	0.00	225	0	N.D.		
92)	Naphthalene	0.00	128	0	N.D.	d	
93)	1,2,3-Trichlorobenzene	14.23	180	29	N.D.		

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

Library Search Compound Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106034.D Vial: 25
Acq On : 6 Nov 2006 21:05 Operator: DGA
Sample : JPL21-013 EB-1-10/26/05 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
B1106034.D 826025ML.M Tue Nov 07 08:16:04 2006

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-1-10/26/06

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-014

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106035.D

Level: (LOW/MED) _____ Date Collected: 10/26/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/06/2006 21:35

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.

TB-1-10/26/06

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-014

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106035.D

Level: (LOW/MED) Date Collected: 10/26/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 21:35

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-1-10/26/06

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-014

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106035.D

Level: (LOW/MED) Date Collected: 10/26/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 21:35

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

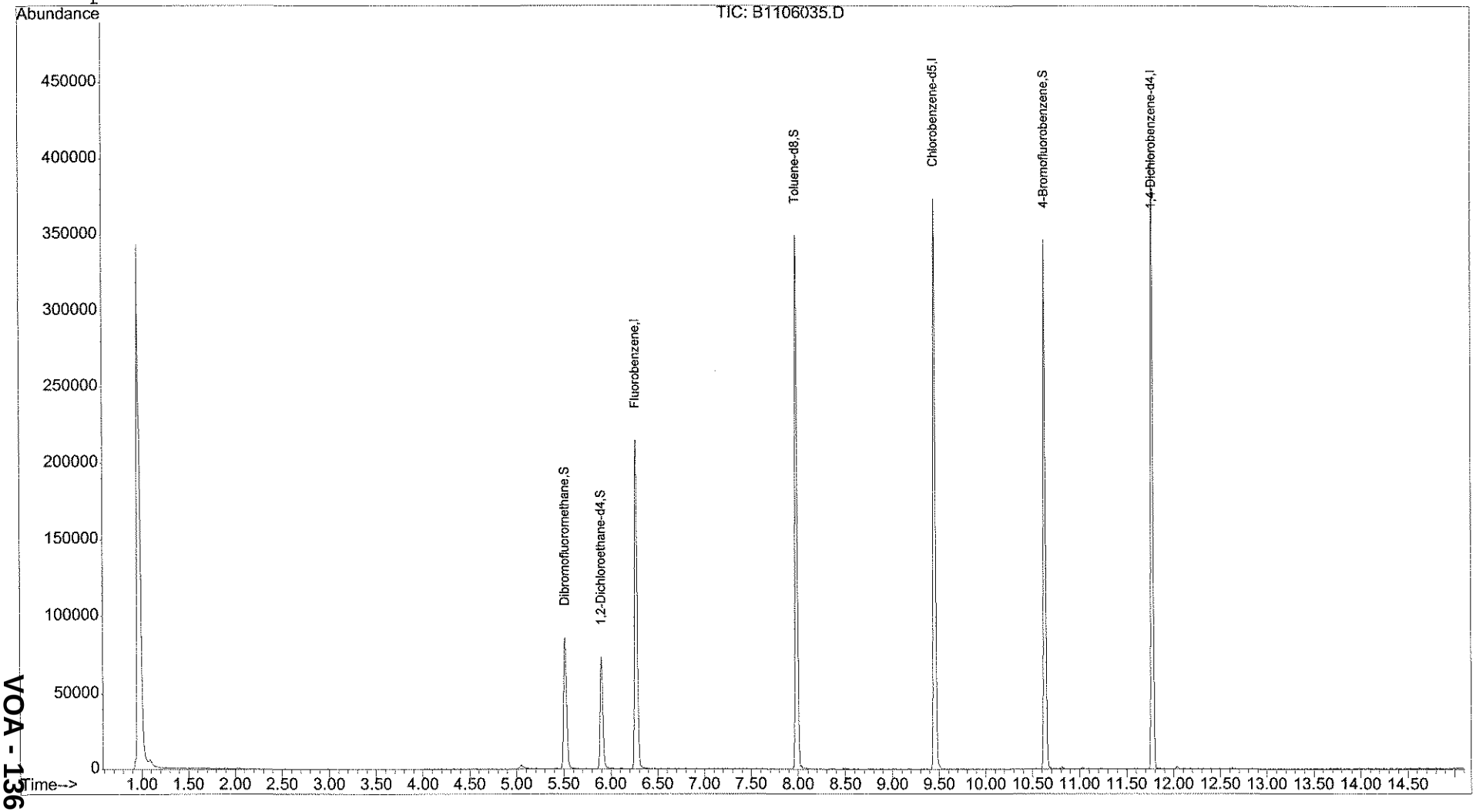
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106035.D Vial: 26
Acq On : 6 Nov 2006 21:35 Operator: DGA
Sample : JPL21-014 TB-1-10/26/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 7:10 2006 Quant Results File: 826025ML.RES

Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration



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Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106035.D Vial: 26
Acq On : 6 Nov 2006 21:35 Operator: DGA
Sample : JPL21-014 TB-1-10/26/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 7:10 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : G:\BUDDHA\BUDDHA\090806\B1103009.D (3 Nov 2006 13:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	184067	10.00	ug/l	0.00 59.18%
51) Chlorobenzene-d5	9.46	82	100052	10.00	ug/l	0.00 62.51%
71) 1,4-Dichlorobenzene-d4	11.77	152	101184	10.00	ug/l	0.00 52.52%
System Monitoring Compounds						
32) Dibromofluoromethane	5.51	111	56334	10.88	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	63347	11.95	ug/l	0.00
52) Toluene-d8	7.98	98	205586	10.47	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	89123	12.35	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	151	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.	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 : G:\BUDDHA\BUDDHA\110606\B1106035.D Vial: 26
Acq On : 6 Nov 2006 21:35 Operator: DGA
Sample : JPL21-014 TB-1-10/26/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 7:10 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	5.01	43	44	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	5.33	83	31	N.D.		
33)	1,1,1-Trichloroethane	5.40	97	44	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	5.78	75	34	N.D.		
39)	Benzene	5.90	78	30	N.D.		
40)	1,2-Dichloroethane	5.94	62	54	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	7.12	41	32	N.D.		
46)	1,4-Dioxane	0.00	88	0	N.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	7.78	75	39	N.D.		
50)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
53)	Toluene	8.00	92	29	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	trans-1,3-Dichloropropene	8.37	75	29	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	8.85	76	30	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	9.69	91	37	N.D.		
64)	Ethylbenzene	9.69	91	37	N.D.		
65)	1,1,1,2-Tetrachloroethane	9.74	131	38	N.D.		
66)	m,p-Xylene	0.00	106	0	N.D.		
67)	o-xylene	0.00	106	0	N.D.		
68)	Styrene	0.00	104	0	N.D.		
69)	Bromoform	10.38	173	39	N.D.		
70)	Isopropylbenzene	10.63	105	104	N.D.		
73)	1,1,2,2-Tetrachloroethane	10.66	83	34	N.D.		

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106035.D Vial: 26
Acq On : 6 Nov 2006 21:35 Operator: DGA
Sample : JPL21-014 TB-1-10/26/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 7 7:10 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	n-Propylbenzene	10.81	120	29	N.D.		
75)	trans-1,4-Dichloro-2-buten	10.63	53	32	N.D.		
76)	Bromobenzene	10.63	156	73	N.D.		
77)	1,2,3-Trichloropropane	11.03	110	30	N.D.		
78)	2-Chlorotoluene	10.86	91	37	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	4-Chlorotoluene	10.86	91	37	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
83)	sec-butylbenzene	11.78	105	33	N.D.		
84)	4-Isopropyltoluene	11.69	119	38	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d	
86)	1,4-Dichlorobenzene	11.80	146	32	N.D.		
87)	n-Butylbenzene	12.14	91	29	N.D.		
88)	1,2-Dichlorobenzene	12.14	146	33	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	13.70	225	33	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

Library Search Compound Report

Data File : G:\BUDDHA\BUDDHA\110606\B1106035.D Vial: 26
Acq On : 6 Nov 2006 21:35 Operator: DGA
Sample : JPL21-014 TB-1-10/26/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
B1106035.D 826025ML.M Tue Nov 07 08:16:37 2006

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-5

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-015

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106036.D

Level: (LOW/MED) _____ Date Collected: 10/30/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/06/2006 22:05

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

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

Heated Purge: (Y/N) N

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-5

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-015

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106036.D

Level: (LOW/MED) Date Collected: 10/30/2006

% Moisture: not dec. Date/Time Analyzed: 11/06/2006 22:05

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	2.0	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-5

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

SDG No.: JPL21 Run Sequence: R012218

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-015

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1106036.D

Level: (LOW/MED) _____ Date Collected: 10/30/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/06/2006 22:05

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

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

Heated Purge: (Y/N) N

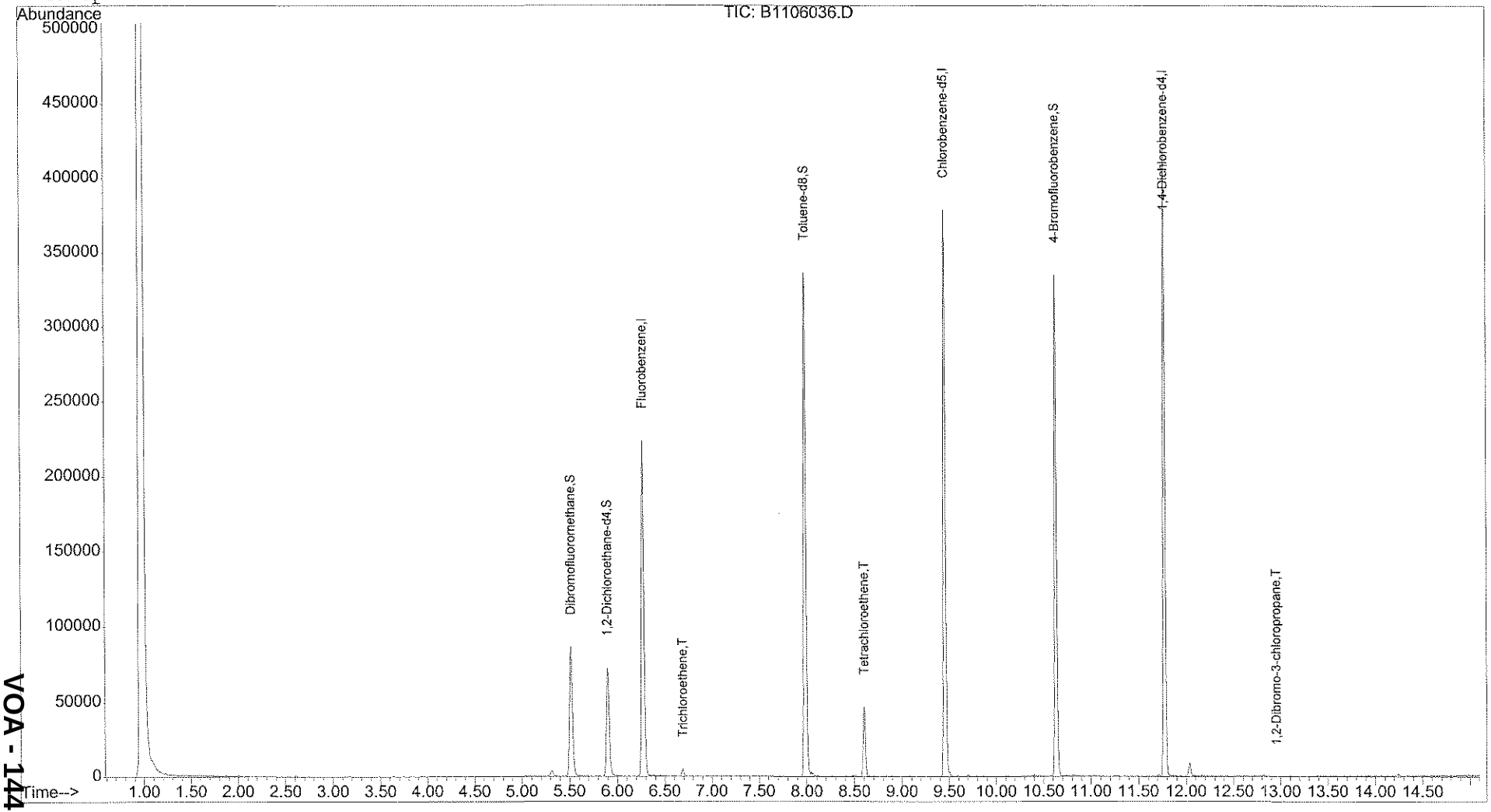
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106036.D Vial: 27
Acq On : 6 Nov 2006 22:05 Operator: DGA
Sample : JPL21-015 MW-19-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:40 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 - 144

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106036.D Vial: 27
Acq On : 6 Nov 2006 22:05 Operator: DGA
Sample : JPL21-015 MW-19-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:40 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	184324	10.00 ug/l	0.00 59.26%
51) Chlorobenzene-d5	9.46	82	99880	10.00 ug/l	0.00 62.40%
71) 1,4-Dichlorobenzene-d4	11.77	152	105416	10.00 ug/l	0.00 54.72%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	55908	10.78 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.91	65	63190	11.91 ug/l	0.00
52) Toluene-d8	7.98	98	201877	10.30 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	84625	11.26 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.23	50	428	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	68	Below Cal #	38
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.61	76	905	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	63	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	4.05	43	33	N.D.	
23) 1,1-Dichloroethane	3.95	63	182	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	4.81	77	30	N.D.	
26) cis-1,2-Dichloroethene	4.95	96	35	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106036.D Vial: 27
Acq On : 6 Nov 2006 22:05 Operator: DGA
Sample : JPL21-015 MW-19-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:40 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	5.21	41	37	N.D.	
31) Chloroform	5.30	83	2589	Below Cal #	43
33) 1,1,1-Trichloroethane	5.46	97	32	Below Cal #	21
34) Cyclohexane	0.00	56	0	N.D.	
35) Carbon Tetrachloride	5.62	117	31	N.D.	
36) Isobutanol	0.00	43	0	N.D. d	
37) 1,1-Dichloropropene	0.00	75	0	N.D.	
39) Benzene	5.91	78	33	N.D.	
40) 1,2-Dichloroethane	6.12	62	34	N.D.	
41) Trichloroethene	6.69	130	1483	0.25 ug/l #	82
42) Methylcyclohexane	6.94	83	32	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. d	
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
48) Bromodichloromethane	7.29	83	38	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	310	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	8.60	97	44	N.D.	
57) Tetrachloroethene	8.60	166	14703	1.98 ug/l	98
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	9.21	107	31	N.D.	
62) Chlorobenzene	9.61	112	42	N.D.	
63) 1-Chlorohexane	9.59	91	87	N.D.	
64) Ethylbenzene	9.70	91	370	N.D.	
65) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66) m,p-Xylene	9.70	106	217	N.D.	
67) o-xylene	10.10	106	31	N.D.	
68) Styrene	10.12	104	42	N.D.	
69) Bromoform	10.32	173	37	N.D.	
70) Isopropylbenzene	10.62	105	33	N.D.	
73) 1,1,2,2-Tetrachloroethane	10.64	83	37	N.D.	

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

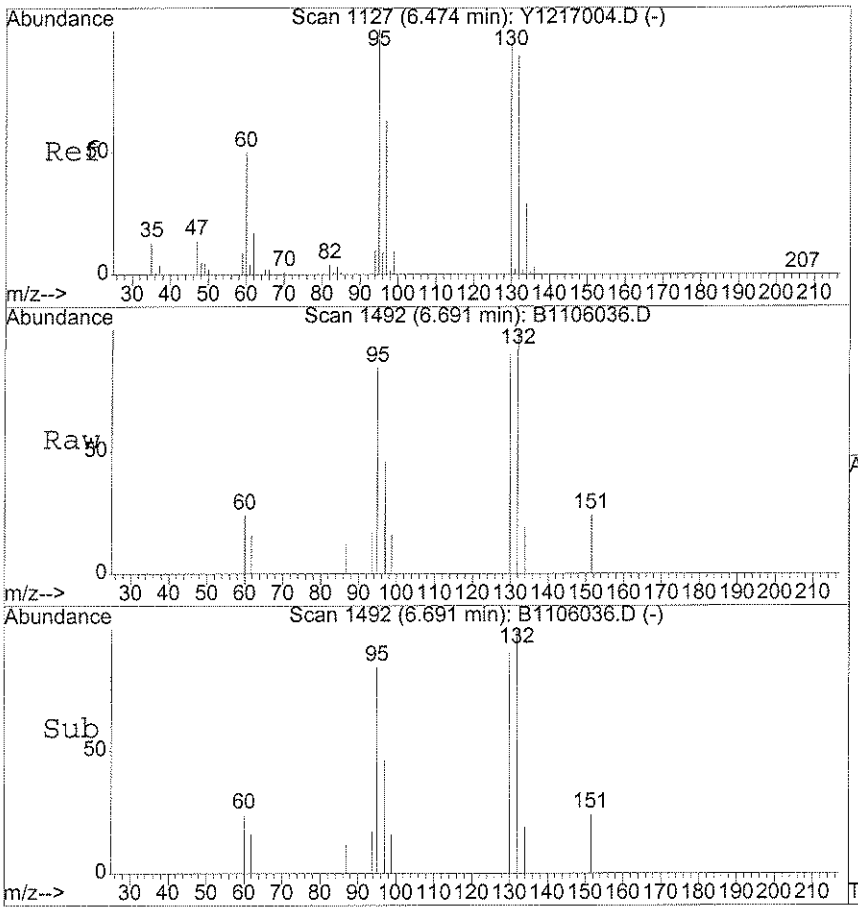
Quantitation Report

Data File : X:\MSVOA\BUDDHA\110606\B1106036.D Vial: 27
Acq On : 6 Nov 2006 22:05 Operator: DGA
Sample : JPL21-015 MW-19-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 12:40 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	10.98	120	39	N.D.	
75)	trans-1,4-Dichloro-2-buten	10.60	53	35	N.D.	
76)	Bromobenzene	10.78	156	30	N.D.	
77)	1,2,3-Trichloropropane	10.64	110	31	N.D.	
78)	2-Chlorotoluene	10.90	91	39	N.D.	
79)	1,3,5-Trimethylbenzene	10.95	105	32	N.D.	
80)	4-Chlorotoluene	10.90	91	39	N.D.	
81)	tert-Butylbenzene	11.32	119	44	N.D.	
82)	1,2,4-Trimethylbenzene	11.48	105	37	N.D.	
83)	sec-butylbenzene	11.66	105	30	N.D.	
84)	4-Isopropyltoluene	11.78	119	31	N.D.	
85)	1,3-Dichlorobenzene	11.71	111	86	N.D.	
86)	1,4-Dichlorobenzene	11.80	146	86	N.D.	
87)	n-Butylbenzene	12.14	91	57	N.D.	
88)	1,2-Dichlorobenzene	12.17	146	91	N.D.	
89)	1,2-Dibromo-3-chloropropan	12.96	157	35	~~1.02 ug/l~~	# ND 6
90)	1,2,4-Trichlorobenzene	13.76	180	45	N.D.	
91)	Hexachlorobutadiene	13.90	225	43	N.D.	
92)	Naphthalene	0.00	128	0	N.D.	
93)	1,2,3-Trichlorobenzene	14.24	180	256	N.D.	

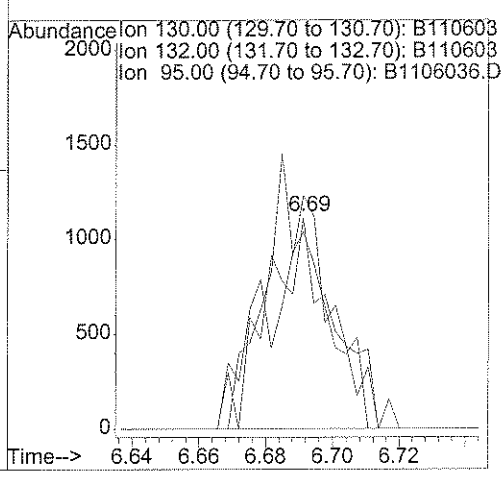
(#) = qualifier out of range (m) = manual integration
B1106036.D 826025ML.M Thu Nov 16 12:40:39 2006 Page 3

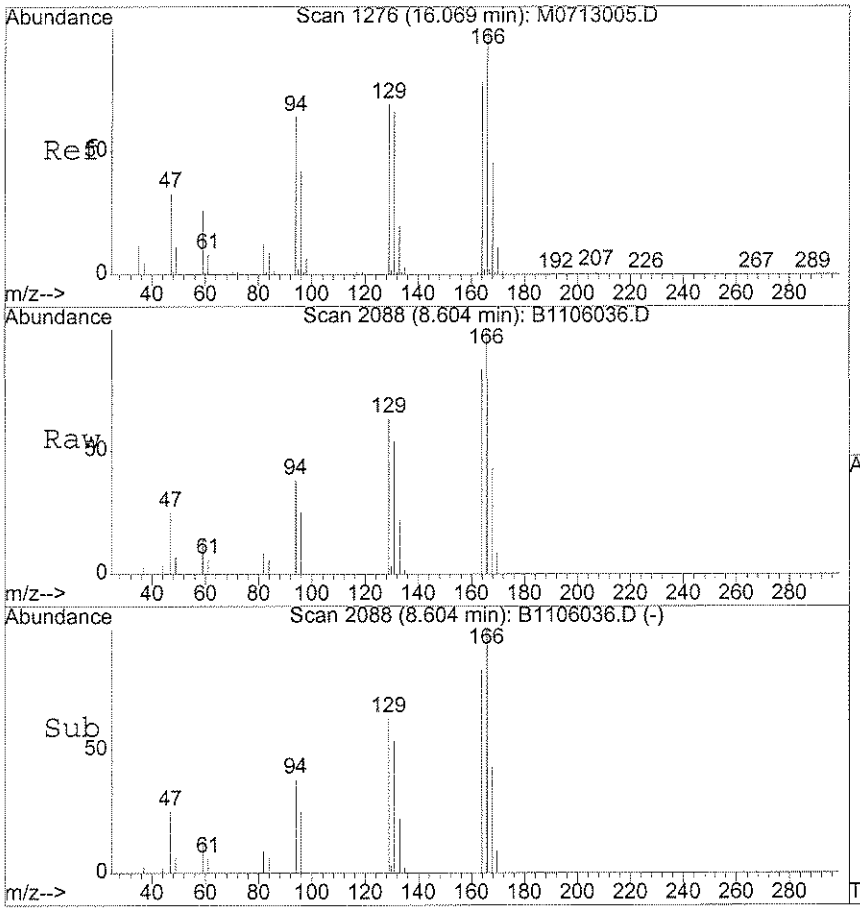


#41
Trichloroethene
Concen: 0.25 ug/l
RT: 6.69 min Scan# 1492
Delta R.T. -0.00 min
Lab File: B1106036.D
Acq: 6 Nov 2006 22:05

Tgt Ion:130 Resp: 1483

Ion	Ratio	Lower	Upper
130	100		
132	125.2	81.1	121.1#
95	70.5	60.0	100.0

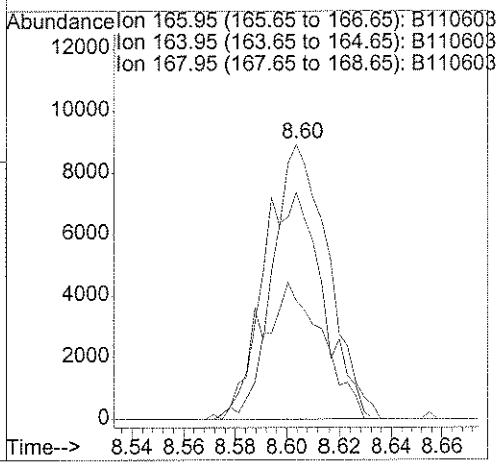




#57
Tetrachloroethene
Concen: 1.98 ug/l
RT: 8.60 min Scan# 2088
Delta R.T. -0.01 min
Lab File: B1106036.D
Acq: 6 Nov 2006 22:05

Tgt Ion:166 Resp: 14703

Ion	Ratio	Lower	Upper
166	100		
164	76.3	60.8	91.2
168	45.4	39.4	59.0



Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110606\B1106036.D Vial: 27
Acq On : 6 Nov 2006 22:05 Operator: DGA
Sample : JPL21-015 MW-19-5 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1106036.D 826025ML.M Thu Nov 16 12:40:47 2006

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-4

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-016

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107026.D

Level: (LOW/MED) Date Collected: 10/30/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 19:16

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-19-4

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-016

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107026.D

Level: (LOW/MED) Date Collected: 10/30/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 19:16

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-19-4

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-016

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107026.D

Level: (LOW/MED) Date Collected: 10/30/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 19:16

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

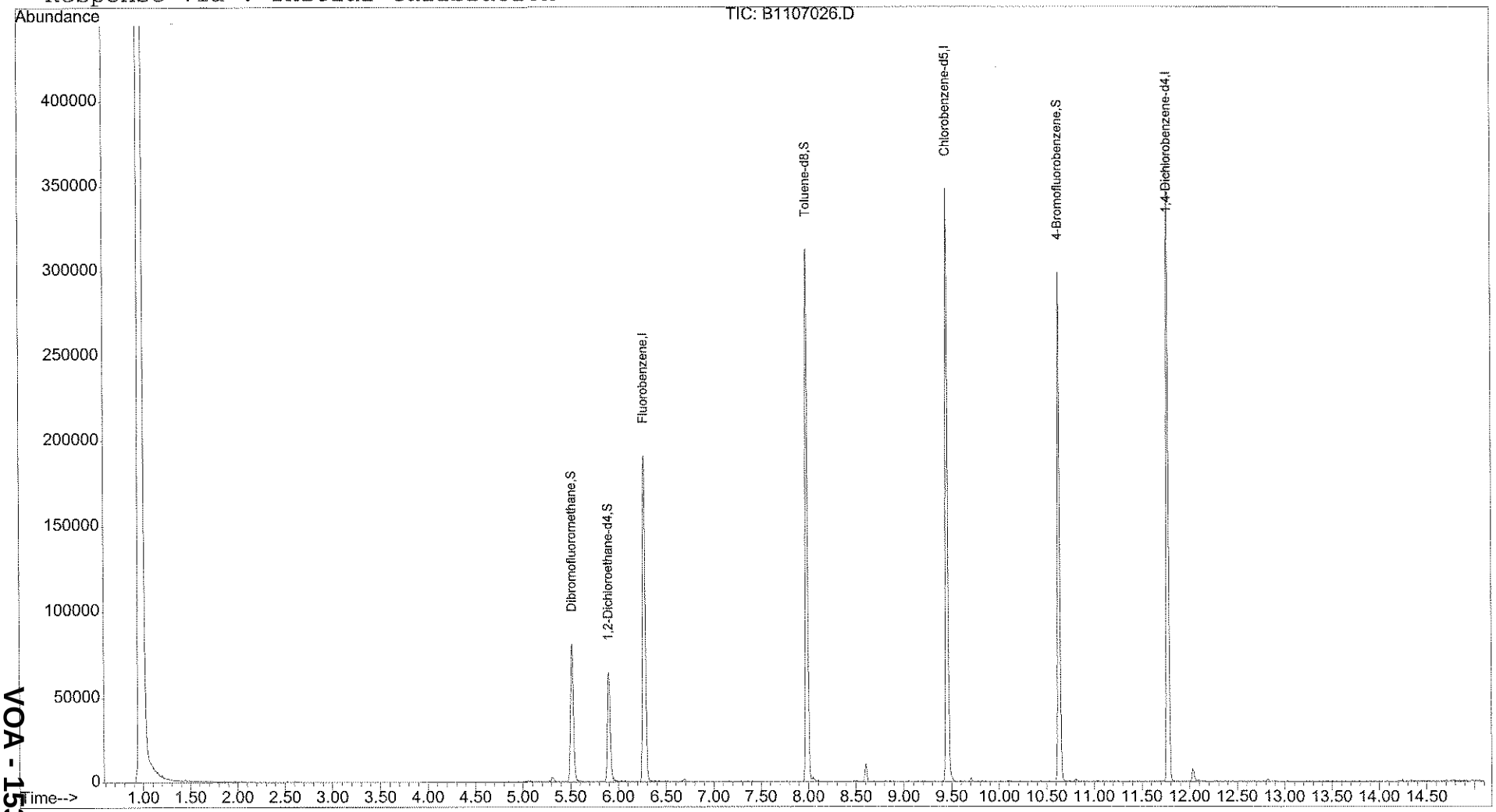
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110706\B1107026.D Vial: 32
Acq On : 7 Nov 2006 19:16 Operator: DGA
Sample : JPL21-016 MW-19-4 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 15 15:22 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 : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\BUDDHA\110706\B1107026.D Vial: 32
Acq On : 7 Nov 2006 19:16 Operator: DGA
Sample : JPL21-016 MW-19-4 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 15 15:22 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 : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : G:\BUDDHA\BUDDHA\090806\B1103009.D (3 Nov 2006 13:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	164289	10.00	ug/l	0.00 52.82%
51) Chlorobenzene-d5	9.45	82	93541	10.00	ug/l	0.00 58.44%
71) 1,4-Dichlorobenzene-d4	11.77	152	92781	10.00	ug/l	0.00 48.16%
System Monitoring Compounds						
32) Dibromofluoromethane	5.52	111	50251	10.87	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	57667	12.19	ug/l	0.00
52) Toluene-d8	7.98	98	181797	9.90	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	76482	11.56	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.23	50	63	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) 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	2.53	43	383	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.61	76	962	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	4.09	43	30	N.D.		
23) 1,1-Dichloroethane	3.94	63	100	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\110706\B1107026.D Vial: 32
Acq On : 7 Nov 2006 19:16 Operator: DGA
Sample : JPL21-016 MW-19-4 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 15 15:22 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 : Mon Nov 06 10:59:33 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	4.94	43	64	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	0.00	41	0	N.D.		
31)	Chloroform	5.32	83	2063	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)	Isobutanol	0.00	43	0	N.D.	d	
37)	1,1-Dichloropropene	0.00	75	0	N.D.		
39)	Benzene	5.91	78	59	N.D.		
40)	1,2-Dichloroethane	5.94	62	37	N.D.		
41)	Trichloroethene	6.70	130	45	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	6.96	41	29	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	94	N.D.		
49)	cis-1,3-Dichloropropene	7.81	75	30	N.D.		
50)	4-Methyl-2-pentanone	7.95	43	41	N.D.		
53)	Toluene	8.05	92	266	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	8.39	97	31	N.D.		
57)	Tetrachloroethene	8.61	166	3217	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.	d	
59)	1,3-Dichloropropane	8.72	76	33	N.D.		
60)	Dibromochloromethane	0.00	129	0	N.D.		
61)	1,2-Dibromoethane	0.00	107	0	N.D.		
62)	Chlorobenzene	9.60	112	29	N.D.		
63)	1-Chlorohexane	9.60	91	137	N.D.		
64)	Ethylbenzene	9.60	91	137	N.D.		
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
66)	m,p-Xylene	9.70	106	577	N.D.		
67)	o-xylene	10.10	106	70	N.D.		
68)	Styrene	10.13	104	63	N.D.		
69)	Bromoform	0.00	173	0	N.D.		
70)	Isopropylbenzene	10.63	105	188	N.D.		
73)	1,1,2,2-Tetrachloroethane	10.69	83	38	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110706\B1107026.D Vial: 32
Acq On : 7 Nov 2006 19:16 Operator: DGA
Sample : JPL21-016 MW-19-4 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 15 15:22 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 : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	n-Propylbenzene	11.06	120	39	N.D.		
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
76)	Bromobenzene	10.64	156	39	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	0.00	105	0	N.D.		
80)	4-Chlorotoluene	0.00	91	0	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.45	105	37	N.D.		
83)	sec-butylbenzene	11.45	105	37	N.D.		
84)	4-Isopropyltoluene	11.73	119	32	N.D.		
85)	1,3-Dichlorobenzene	11.70	111	49	N.D.		
86)	1,4-Dichlorobenzene	11.79	146	85	N.D.		
87)	n-Butylbenzene	12.04	91	30	N.D.		
88)	1,2-Dichlorobenzene	12.17	146	242	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
90)	1,2,4-Trichlorobenzene	13.91	180	40	N.D.		
91)	Hexachlorobutadiene	0.00	225	0	N.D.		
92)	Naphthalene	0.00	128	0	N.D.	d	
93)	1,2,3-Trichlorobenzene	14.25	180	102	N.D.		

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

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110706\B1107026.D Vial: 32
Acq On : 7 Nov 2006 19:16 Operator: DGA
Sample : JPL21-016 MW-19-4 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1107026.D 826025ML.M Wed Nov 15 15:22:37 2006

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-3

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-017

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107015.D

Level: (LOW/MED) Date Collected: 10/30/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 13:49

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-3

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-017

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107015.D

Level: (LOW/MED) Date Collected: 10/30/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 13:49

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-3

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-017

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107015.D

Level: (LOW/MED) Date Collected: 10/30/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 13:49

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

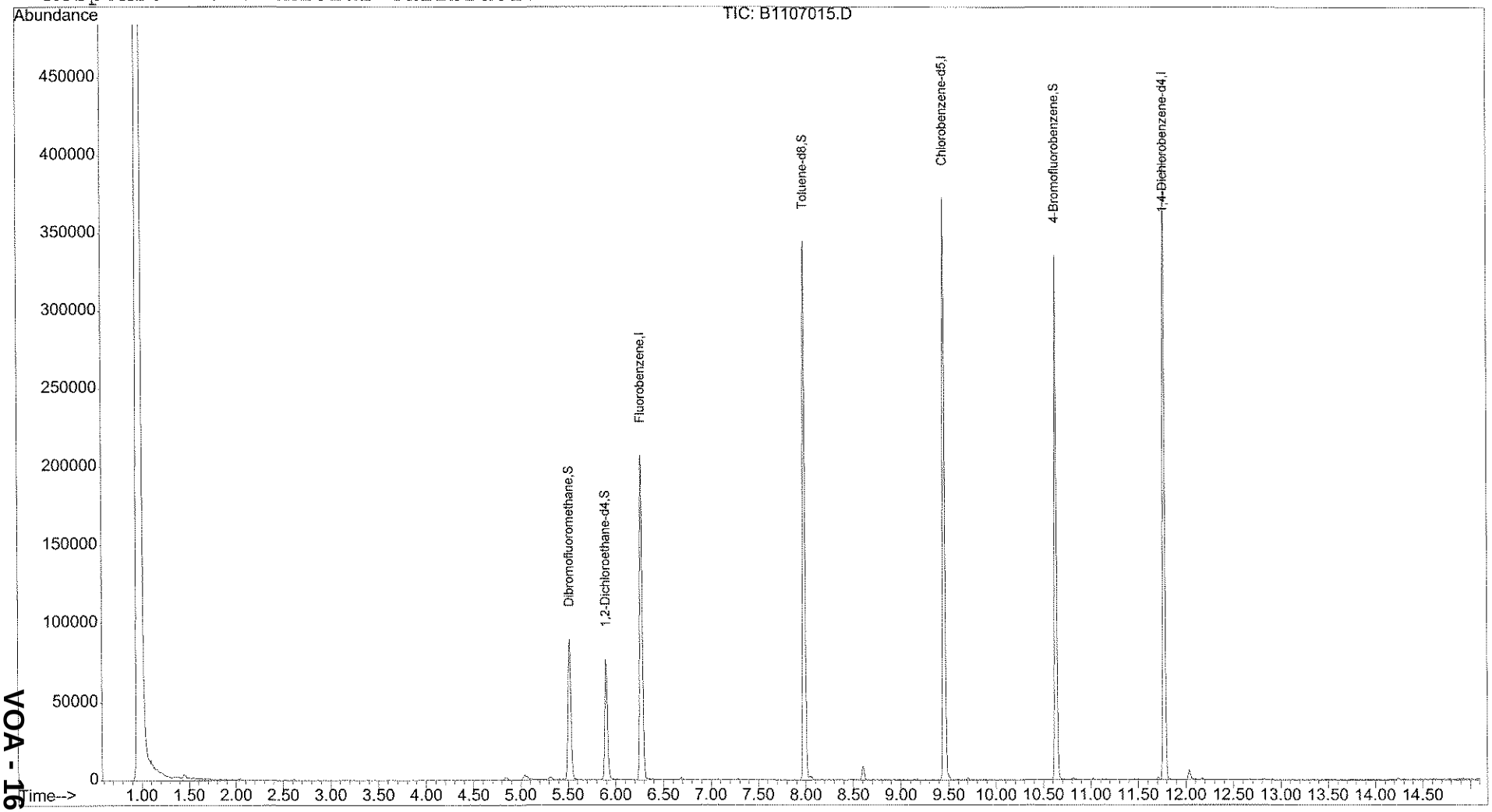
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110706\B1107015.D Vial: 21
Acq On : 7 Nov 2006 13:49 Operator: DGA
Sample : JPL21-017 MW-19-3 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:17 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 : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\BUDDHA\110706\B1107015.D Vial: 21
Acq On : 7 Nov 2006 13:49 Operator: DGA
Sample : JPL21-017 MW-19-3 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:17 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : G:\BUDDHA\BUDDHA\090806\B1103009.D (3 Nov 2006 13:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	180529	10.00	ug/l	0.00 58.04%
51) Chlorobenzene-d5	9.45	82	98959	10.00	ug/l	0.00 61.82%
71) 1,4-Dichlorobenzene-d4	11.78	152	101922	10.00	ug/l	0.00 52.90%
System Monitoring Compounds						
32) Dibromofluoromethane	5.52	111	56905	11.20	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	62071	11.94	ug/l	0.00
52) Toluene-d8	7.99	98	199210	10.25	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	85075	11.71	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.23	50	111	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	1.68	64	174	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	2.61	76	929	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	3.93	63	135	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	4.85	96	389	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110706\B1107015.D Vial: 21
Acq On : 7 Nov 2006 13:49 Operator: DGA
Sample : JPL21-017 MW-19-3 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:17 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	4.96	43	70	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	5.31	41	29	N.D.		
31)	Chloroform	5.31	83	1824	N.D.		
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	5.62	117	35	N.D.		
36)	Isobutanol	0.00	43	0	N.D.	d	
37)	1,1-Dichloropropene	5.65	75	55	N.D.		
39)	Benzene	5.92	78	46	N.D.		
40)	1,2-Dichloroethane	0.00	62	0	N.D.		
41)	Trichloroethene	6.69	130	364	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	6.95	63	29	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.	d	
48)	Bromodichloromethane	7.28	83	173	N.D.		
49)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
50)	4-Methyl-2-pentanone	7.88	43	36	N.D.		
53)	Toluene	8.05	92	413	N.D.		
54)	Ethyl methacrylate	8.55	69	42	N.D.		
55)	trans-1,3-Dichloropropene	8.42	75	36	N.D.		
56)	1,1,2-Trichloroethane	8.61	97	85	N.D.		
57)	Tetrachloroethene	8.60	166	2573	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.	d	
59)	1,3-Dichloropropane	8.80	76	32	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	109	N.D.		
64)	Ethylbenzene	9.59	91	109	N.D.		
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
66)	m,p-Xylene	9.70	106	563	N.D.		
67)	o-xylene	10.09	106	81	N.D.		
68)	Styrene	9.87	104	32	N.D.		
69)	Bromoform	0.00	173	0	N.D.		
70)	Isopropylbenzene	10.62	105	56	N.D.		
73)	1,1,2,2-Tetrachloroethane	10.84	83	39	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110706\B1107015.D Vial: 21
Acq On : 7 Nov 2006 13:49 Operator: DGA
Sample : JPL21-017 MW-19-3 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:17 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	10.79	156	30	N.D.		
77)	1,2,3-Trichloropropane	10.64	110	63	N.D.		
78)	2-Chlorotoluene	10.96	91	37	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	4-Chlorotoluene	10.96	91	37	N.D.		
81)	tert-Butylbenzene	11.08	119	30	N.D.		
82)	1,2,4-Trimethylbenzene	11.57	105	36	N.D.		
83)	sec-butylbenzene	11.57	105	36	N.D.		
84)	4-Isopropyltoluene	11.76	119	33	N.D.		
85)	1,3-Dichlorobenzene	11.70	111	370	N.D.		
86)	1,4-Dichlorobenzene	11.80	146	736	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.		
88)	1,2-Dichlorobenzene	12.17	146	92	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
90)	1,2,4-Trichlorobenzene	13.75	180	37	N.D.		
91)	Hexachlorobutadiene	13.92	225	44	N.D.		
92)	Naphthalene	0.00	128	0	N.D.		d
93)	1,2,3-Trichlorobenzene	14.25	180	204	N.D.		

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

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110706\B1107015.D Vial: 21
Acq On : 7 Nov 2006 13:49 Operator: DGA
Sample : JPL21-017 MW-19-3 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
B1107015.D 826025ML.M Wed Nov 15 15:26:33 2006

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-3-10/30/06

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-018

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107016.D

Level: (LOW/MED) _____ Date Collected: 10/30/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/07/2006 14:19

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

Soil Extract 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-3-10/30/06

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-018

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107016.D

Level: (LOW/MED) Date Collected: 10/30/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 14:19

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

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

Heated Purge: (Y/N) N

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-3-10/30/06

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-018

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107016.D

Level: (LOW/MED) _____ Date Collected: 10/30/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/07/2006 14:19

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

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

Heated Purge: (Y/N) N

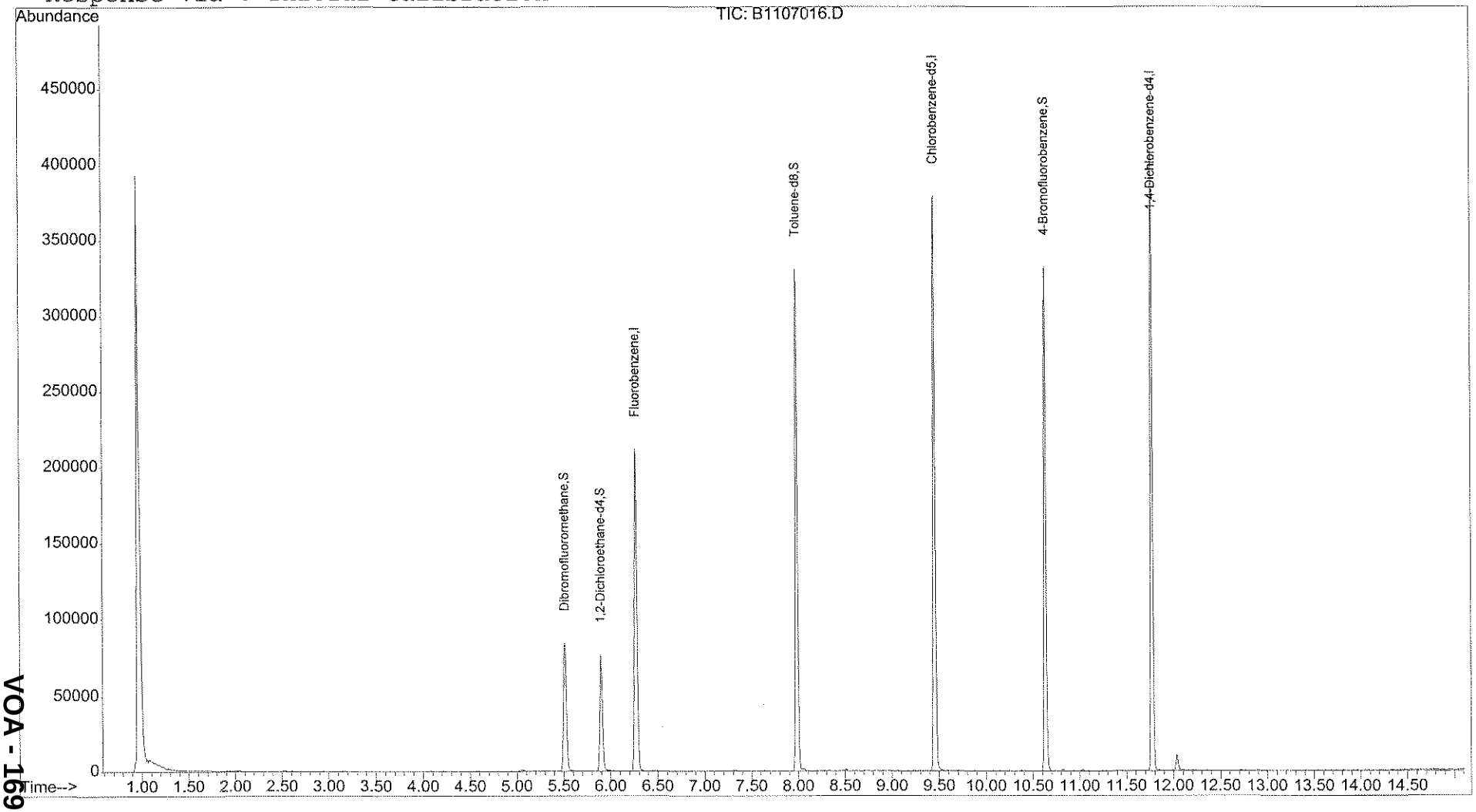
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107016.D Vial: 22
Acq On : 7 Nov 2006 14:19 Operator: DGA
Sample : JPL21-018 eb-3-10/30/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:21 2006 Quant Results File: 826025ML.RES

Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration



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Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107016.D Vial: 22
Acq On : 7 Nov 2006 14:19 Operator: DGA
Sample : JPL21-018 eb-3-10/30/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:21 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : G:\BUDDHA\BUDDHA\090806\B1103009.D (3 Nov 2006 13:31)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	180379	10.00 ug/l	0.00 58.00%
51) Chlorobenzene-d5	9.46	82	97553	10.00 ug/l	0.00 60.95%
71) 1,4-Dichlorobenzene-d4	11.78	152	103637	10.00 ug/l	0.00 53.80%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	55259	10.89 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	63059	12.14 ug/l	0.00
52) Toluene-d8	7.98	98	194888	10.18 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	84180	11.39 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.23	50	83	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	2.61	76	333	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	4.16	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	4.75	77	29	N.D.	
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.	

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107016.D Vial: 22
Acq On : 7 Nov 2006 14:19 Operator: DGA
Sample : JPL21-018 eb-3-10/30/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:21 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	4.94	43	29	N.D.		
29)	Bromochloromethane	5.26	128	33	N.D.		
30)	Methacrylonitrile	5.17	41	38	N.D.		
31)	Chloroform	5.31	83	158	N.D.		
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	5.48	56	31	N.D.		
35)	Carbon Tetrachloride	5.66	117	36	N.D.		
36)	Isobutanol	0.00	43	0	N.D.	d	
37)	1,1-Dichloropropene	0.00	75	0	N.D.		
39)	Benzene	6.01	78	35	N.D.		
40)	1,2-Dichloroethane	5.92	62	41	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	7.18	93	44	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.	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	8.06	92	387	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	trans-1,3-Dichloropropene	8.51	75	36	N.D.		
56)	1,1,2-Trichloroethane	8.52	97	29	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	0.00	107	0	N.D.		
62)	Chlorobenzene	0.00	112	0	N.D.		
63)	1-Chlorohexane	9.59	91	50	N.D.		
64)	Ethylbenzene	9.59	91	50	N.D.		
65)	1,1,1,2-Tetrachloroethane	9.74	131	31	N.D.		
66)	m,p-Xylene	9.69	106	44	N.D.		
67)	o-xylene	10.10	106	30	N.D.		
68)	Styrene	0.00	104	0	N.D.		
69)	Bromoform	10.33	173	31	N.D.		
70)	Isopropylbenzene	10.47	105	36	N.D.		
73)	1,1,2,2-Tetrachloroethane	10.92	83	29	N.D.		

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107016.D Vial: 22
Acq On : 7 Nov 2006 14:19 Operator: DGA
Sample : JPL21-018 eb-3-10/30/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:21 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	10.64	156	30	N.D.	
77)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
78)	2-Chlorotoluene	10.94	91	33	N.D.	
79)	1,3,5-Trimethylbenzene	10.96	105	37	N.D.	
80)	4-Chlorotoluene	10.94	91	33	N.D.	
81)	tert-Butylbenzene	0.00	119	0	N.D.	
82)	1,2,4-Trimethylbenzene	11.21	105	35	N.D.	
83)	sec-butylbenzene	11.77	105	87	N.D.	
84)	4-Isopropyltoluene	0.00	119	0	N.D.	
85)	1,3-Dichlorobenzene	11.77	111	1171	N.D.	
86)	1,4-Dichlorobenzene	11.80	146	298	N.D.	
87)	n-Butylbenzene	12.05	91	30	N.D.	
88)	1,2-Dichlorobenzene	0.00	146	0	N.D.	
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
90)	1,2,4-Trichlorobenzene	13.76	180	47	N.D.	
91)	Hexachlorobutadiene	13.91	225	32	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

Library Search Compound Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107016.D Vial: 22
Acq On : 7 Nov 2006 14:19 Operator: DGA
Sample : JPL21-018 eb-3-10/30/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
B1107016.D 826025ML.M Wed Nov 08 10:21:44 2006

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-3-10/30/06

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-019

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107017.D

Level: (LOW/MED) _____ Date Collected: 10/30/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/07/2006 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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-3-10/30/06

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-019

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107017.D

Level: (LOW/MED) Date Collected: 10/30/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 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-3-10/30/06

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-019

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107017.D

Level: (LOW/MED) Date Collected: 10/30/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 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

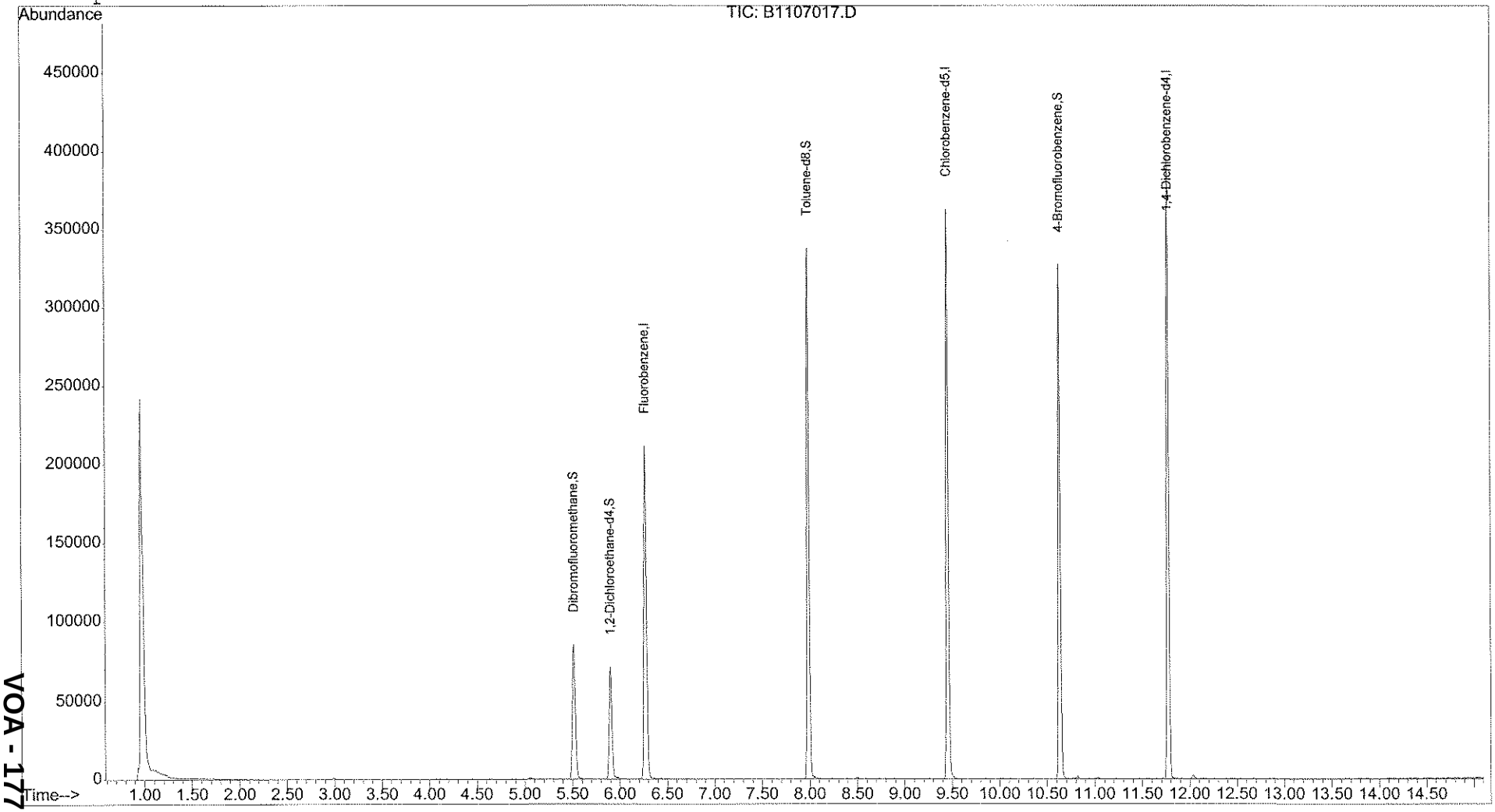
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107017.D Vial: 23
Acq On : 7 Nov 2006 14:49 Operator: DGA
Sample : JPL21-019 TB-3-10/30/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:24 2006 Quant Results File: 826025ML.RES

Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration



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Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107017.D Vial: 23
Acq On : 7 Nov 2006 14:49 Operator: DGA
Sample : JPL21-019 TB-3-10/30/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:24 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : G:\BUDDHA\BUDDHA\090806\B1103009.D (3 Nov 2006 13:31)

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	175619	10.00	ug/l	0.00 56.47%
51) Chlorobenzene-d5	9.45	82	97347	10.00	ug/l	0.00 60.82%
71) 1,4-Dichlorobenzene-d4	11.77	152	99275	10.00	ug/l	0.00 51.53%
System Monitoring Compounds						
32) Dibromofluoromethane	5.52	111	55817	11.30	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	60168	11.90	ug/l	0.00
52) Toluene-d8	7.98	98	196266	10.27	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	83738	11.83	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	2.53	43	397	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	2.60	76	660	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	731	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	4.02	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	4.81	96	29	N.D.		

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107017.D Vial: 23
Acq On : 7 Nov 2006 14:49 Operator: DGA
Sample : JPL21-019 TB-3-10/30/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:24 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	4.96	43	34	N.D.	
29) Bromochloromethane	0.00	128	0	N.D.	
30) Methacrylonitrile	5.20	41	40	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	5.64	117	33	N.D.	
36) Isobutanol	0.00	43	0	N.D.	d
37) 1,1-Dichloropropene	0.00	75	0	N.D.	
39) Benzene	5.98	78	32	N.D.	
40) 1,2-Dichloroethane	5.93	62	54	N.D.	
41) Trichloroethene	6.58	130	30	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	0.00	83	0	N.D.	
49) cis-1,3-Dichloropropene	0.00	75	0	N.D.	
50) 4-Methyl-2-pentanone	7.89	43	30	N.D.	
53) Toluene	7.99	92	37	N.D.	
54) Ethyl methacrylate	0.00	69	0	N.D.	
55) trans-1,3-Dichloropropene	8.47	75	30	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	0.00	107	0	N.D.	
62) Chlorobenzene	0.00	112	0	N.D.	
63) 1-Chlorohexane	9.47	91	36	N.D.	
64) Ethylbenzene	9.47	91	36	N.D.	
65) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66) m,p-Xylene	9.69	106	45	N.D.	
67) o-xylene	10.29	106	30	N.D.	
68) Styrene	10.34	104	29	N.D.	
69) Bromoform	0.00	173	0	N.D.	
70) Isopropylbenzene	10.64	105	189	N.D.	
73) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107017.D Vial: 23
Acq On : 7 Nov 2006 14:49 Operator: DGA
Sample : JPL21-019 TB-3-10/30/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:24 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	10.65	156	37	N.D.	
77)	1,2,3-Trichloropropane	10.64	110	34	N.D.	
78)	2-Chlorotoluene	10.94	91	29	N.D.	
79)	1,3,5-Trimethylbenzene	11.05	105	29	N.D.	
80)	4-Chlorotoluene	10.94	91	29	N.D.	
81)	tert-Butylbenzene	0.00	119	0	N.D.	
82)	1,2,4-Trimethylbenzene	11.64	105	29	N.D.	
83)	sec-butylbenzene	11.64	105	29	N.D.	
84)	4-Isopropyltoluene	11.78	119	31	N.D.	
85)	1,3-Dichlorobenzene	11.75	111	52	N.D.	
86)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	12.14	91	60	N.D.	
88)	1,2-Dichlorobenzene	12.17	146	35	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

Library Search Compound Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107017.D Vial: 23
Acq On : 7 Nov 2006 14:49 Operator: DGA
Sample : JPL21-019 TB-3-10/30/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

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B1107017.D 826025ML.M Wed Nov 08 10:24:43 2006

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-5

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-020

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107018.D

Level: (LOW/MED) Date Collected: 10/31/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 15:19

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

Soil Extract 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-17-5

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-020

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107018.D

Level: (LOW/MED) Date Collected: 10/31/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 15:19

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

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

Heated Purge: (Y/N) N

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-5

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-020

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107018.D

Level: (LOW/MED) Date Collected: 10/31/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 15:19

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

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

Heated Purge: (Y/N) N

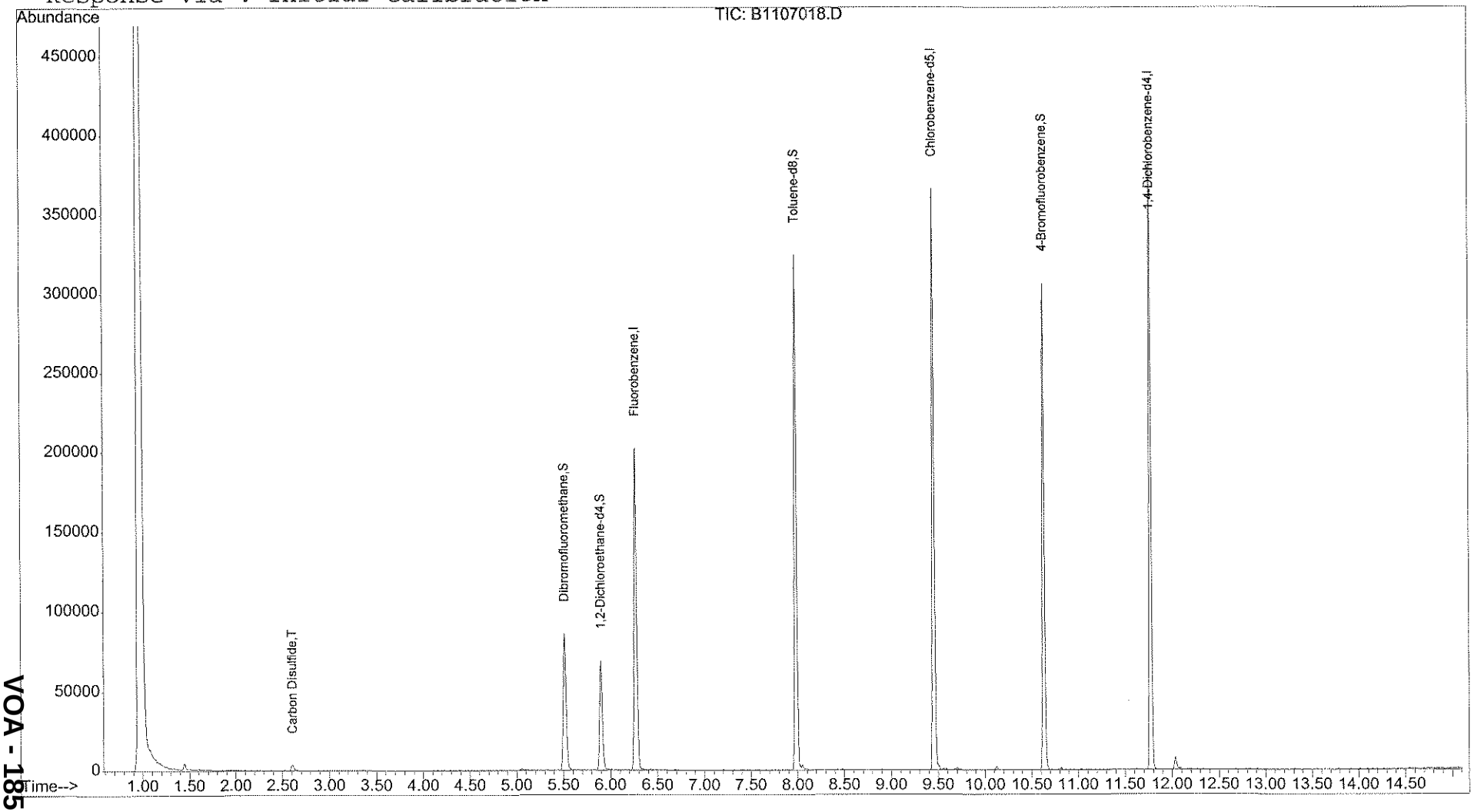
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107018.D Vial: 24
Acq On : 7 Nov 2006 15:19 Operator: DGA
Sample : JPL21-020 MW-17-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:30 2006 Quant Results File: 826025ML.RES

Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration



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Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107018.D Vial: 24
Acq On : 7 Nov 2006 15:19 Operator: DGA
Sample : JPL21-020 MW-17-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:30 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : G:\BUDDHA\BUDDHA\090806\B1103009.D (3 Nov 2006 13:31)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	170264	10.00 ug/l	0.00 54.74%
51) Chlorobenzene-d5	9.45	82	93149	10.00 ug/l	0.00 58.19%
71) 1,4-Dichlorobenzene-d4	11.77	152	94695	10.00 ug/l	0.00 49.15%
System Monitoring Compounds					
32) Dibromofluoromethane	5.51	111	53145	11.09 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	58445	11.92 ug/l	0.00
52) Toluene-d8	7.99	98	190348	10.41 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	80935	11.99 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	2.52	43	216	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.61	76	5795	0.55 ug/l	100
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. d	
22) Vinyl acetate	4.14	43	38	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	4.82	96	33	N.D.	

(#) = qualifier out of range (m) = manual integration
B1107018.D 826025ML.M Wed Nov 08 10:30:29 2006

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107018.D Vial: 24
Acq On : 7 Nov 2006 15:19 Operator: DGA
Sample : JPL21-020 MW-17-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:30 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	4.95	43	33	N.D.	
29) Bromochloromethane	0.00	128	0	N.D.	
30) Methacrylonitrile	5.10	41	30	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) Isobutanol	0.00	43	0	N.D. d	
37) 1,1-Dichloropropene	0.00	75	0	N.D.	
39) Benzene	0.00	78	0	N.D.	
40) 1,2-Dichloroethane	5.90	62	44	N.D.	
41) Trichloroethene	6.70	130	170	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	7.05	41	44	N.D.	
46) 1,4-Dioxane	7.10	88	41	No Calib	#
47) 2-Chloroethyl vinyl ether	0.00	63	0	N.D. d	
48) Bromodichloromethane	7.41	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	400	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	0.00	97	0	N.D.	
57) Tetrachloroethene	8.60	166	36	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	8.83	107	33	N.D.	
62) Chlorobenzene	9.63	112	31	N.D.	
63) 1-Chlorohexane	9.59	91	213	N.D.	
64) Ethylbenzene	9.59	91	213	N.D.	
65) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66) m,p-Xylene	9.70	106	206	N.D.	
67) o-xylene	10.11	106	95	N.D.	
68) Styrene	10.12	104	1094	N.D.	
69) Bromoform	10.33	173	39	N.D.	
70) Isopropylbenzene	10.63	105	109	N.D.	
73) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107018.D Vial: 24
Acq On : 7 Nov 2006 15:19 Operator: DGA
Sample : JPL21-020 MW-17-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:30 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	10.62	156	43	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	10.99	105	34	N.D.		
80)	4-Chlorotoluene	0.00	91	0	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.41	105	42	N.D.		
83)	sec-butylbenzene	11.45	105	32	N.D.		
84)	4-Isopropyltoluene	11.77	119	29	N.D.		
85)	1,3-Dichlorobenzene	11.77	111	613	N.D.		
86)	1,4-Dichlorobenzene	11.79	146	35	N.D.		
87)	n-Butylbenzene	12.14	91	36	N.D.		
88)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
90)	1,2,4-Trichlorobenzene	13.76	180	29	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

Library Search Compound Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107018.D Vial: 24
Acq On : 7 Nov 2006 15:19 Operator: DGA
Sample : JPL21-020 MW-17-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

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B1107018.D 826025ML.M Wed Nov 08 10:30:34 2006

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-2

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-021

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107019.D

Level: (LOW/MED) Date Collected: 10/31/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 15:49

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-2

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-021

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107019.D

Level: (LOW/MED) Date Collected: 10/31/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 15:49

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

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

Heated Purge: (Y/N) N

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-2

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-021

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107019.D

Level: (LOW/MED) Date Collected: 10/31/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 15:49

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

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

Heated Purge: (Y/N) N

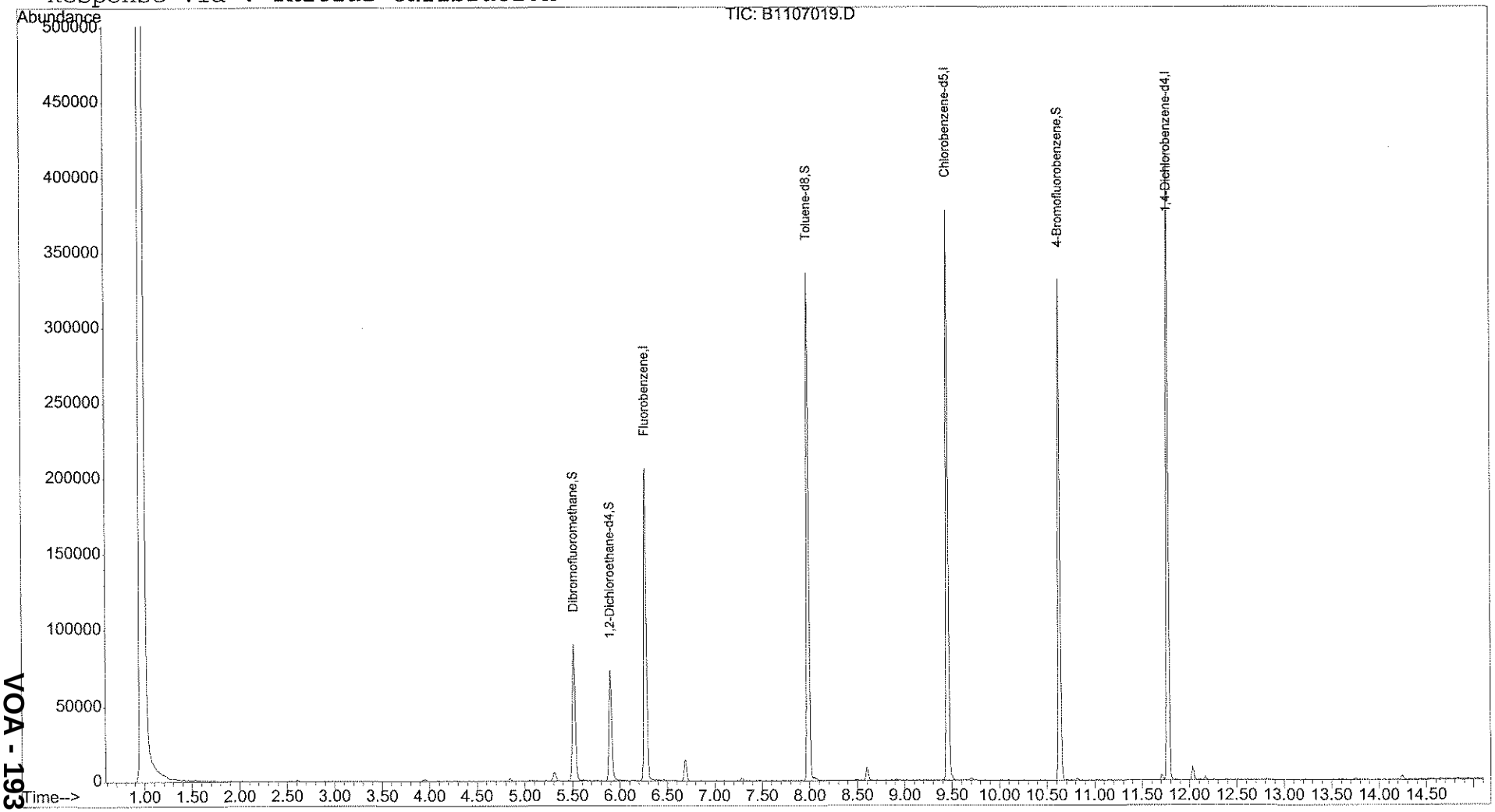
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107019.D Vial: 25
Acq On : 7 Nov 2006 15:49 Operator: DGA
Sample : JPL21-021 MW-19-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:31 2006 Quant Results File: 826025ML.RES

Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration



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Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107019.D Vial: 25
Acq On : 7 Nov 2006 15:49 Operator: DGA
Sample : JPL21-021 MW-19-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:31 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : G:\BUDDHA\BUDDHA\090806\B1103009.D (3 Nov 2006 13:31)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	178294	10.00 ug/l	0.00 57.33%
51) Chlorobenzene-d5	9.45	82	99612	10.00 ug/l	0.00 62.23%
71) 1,4-Dichlorobenzene-d4	11.77	152	102281	10.00 ug/l	0.00 53.09%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	56105	11.18 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	62444	12.16 ug/l	0.00
52) Toluene-d8	7.98	98	197892	10.12 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	84701	11.61 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.23	50	288	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	2.53	43	436	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.60	76	1255	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	3.97	63	2467	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	4.88	96	35	N.D.	

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107019.D Vial: 25
Acq On : 7 Nov 2006 15:49 Operator: DGA
Sample : JPL21-021 MW-19-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:31 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	4.96	43	74	N.D.		
29)	Bromochloromethane	0.00	128	0	N.D.		
30)	Methacrylonitrile	5.27	41	35	N.D.		
31)	Chloroform	5.32	83	4459	N.D.		
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	0.00	56	0	N.D.		
35)	Carbon Tetrachloride	5.65	117	35	N.D.		
36)	Isobutanol	0.00	43	0	N.D.		
37)	1,1-Dichloropropene	0.00	75	0	N.D.		
39)	Benzene	5.93	78	35	N.D.		
40)	1,2-Dichloroethane	5.96	62	38	N.D.		
41)	Trichloroethene	6.68	130	2551	N.D.		
42)	Methylcyclohexane	6.70	83	35	N.D.		
43)	1,2-Dichloropropane	7.06	63	36	N.D.		
44)	Dibromomethane	7.22	93	29	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.		d
48)	Bromodichloromethane	7.28	83	484	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	361	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	trans-1,3-Dichloropropene	8.39	75	29	N.D.		
56)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
57)	Tetrachloroethene	8.61	166	955	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.		d
59)	1,3-Dichloropropane	0.00	76	0	N.D.		
60)	Dibromochloromethane	8.90	129	41	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	75	N.D.		
64)	Ethylbenzene	9.70	91	287	N.D.		
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
66)	m,p-Xylene	9.71	106	352	N.D.		
67)	o-xylene	10.10	106	59	N.D.		
68)	Styrene	0.00	104	0	N.D.		
69)	Bromoform	0.00	173	0	N.D.		
70)	Isopropylbenzene	10.43	105	30	N.D.		
73)	1,1,2,2-Tetrachloroethane	10.95	83	35	N.D.		

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107019.D Vial: 25
Acq On : 7 Nov 2006 15:49 Operator: DGA
Sample : JPL21-021 MW-19-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:31 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	n-Propylbenzene	10.88	120	30	N.D.	
75)	trans-1,4-Dichloro-2-buten	10.71	53	46	N.D.	
76)	Bromobenzene	0.00	156	0	N.D.	
77)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
78)	2-Chlorotoluene	10.69	91	39	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	0.00	119	0	N.D.	
82)	1,2,4-Trimethylbenzene	11.41	105	81	N.D.	
83)	sec-butylbenzene	11.41	105	81	N.D.	
84)	4-Isopropyltoluene	11.78	119	32	N.D.	
85)	1,3-Dichlorobenzene	11.71	111	540	N.D.	
86)	1,4-Dichlorobenzene	11.80	146	578	N.D.	
87)	n-Butylbenzene	12.15	91	30	N.D.	
88)	1,2-Dichlorobenzene	12.17	146	322	N.D.	
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
90)	1,2,4-Trichlorobenzene	13.75	180	154	N.D.	
91)	Hexachlorobutadiene	13.92	225	35	N.D.	
92)	Naphthalene	0.00	128	0	N.D.	
93)	1,2,3-Trichlorobenzene	14.25	180	562	N.D.	

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

Library Search Compound Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107019.D Vial: 25
Acq On : 7 Nov 2006 15:49 Operator: DGA
Sample : JPL21-021 MW-19-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
B1107019.D 826025ML.M Wed Nov 08 10:31:59 2006

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-1

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-022

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107020.D

Level: (LOW/MED) Date Collected: 10/31/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 16:18

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-1

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-022

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107020.D

Level: (LOW/MED) Date Collected: 10/31/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 16:18

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-1

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL21

Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL21-022

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

Lab File ID: B1107020.D

Level: (LOW/MED)

Date Collected: 10/31/2006

% Moisture: not dec.

Date/Time Analyzed: 11/07/2006 16:18

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

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

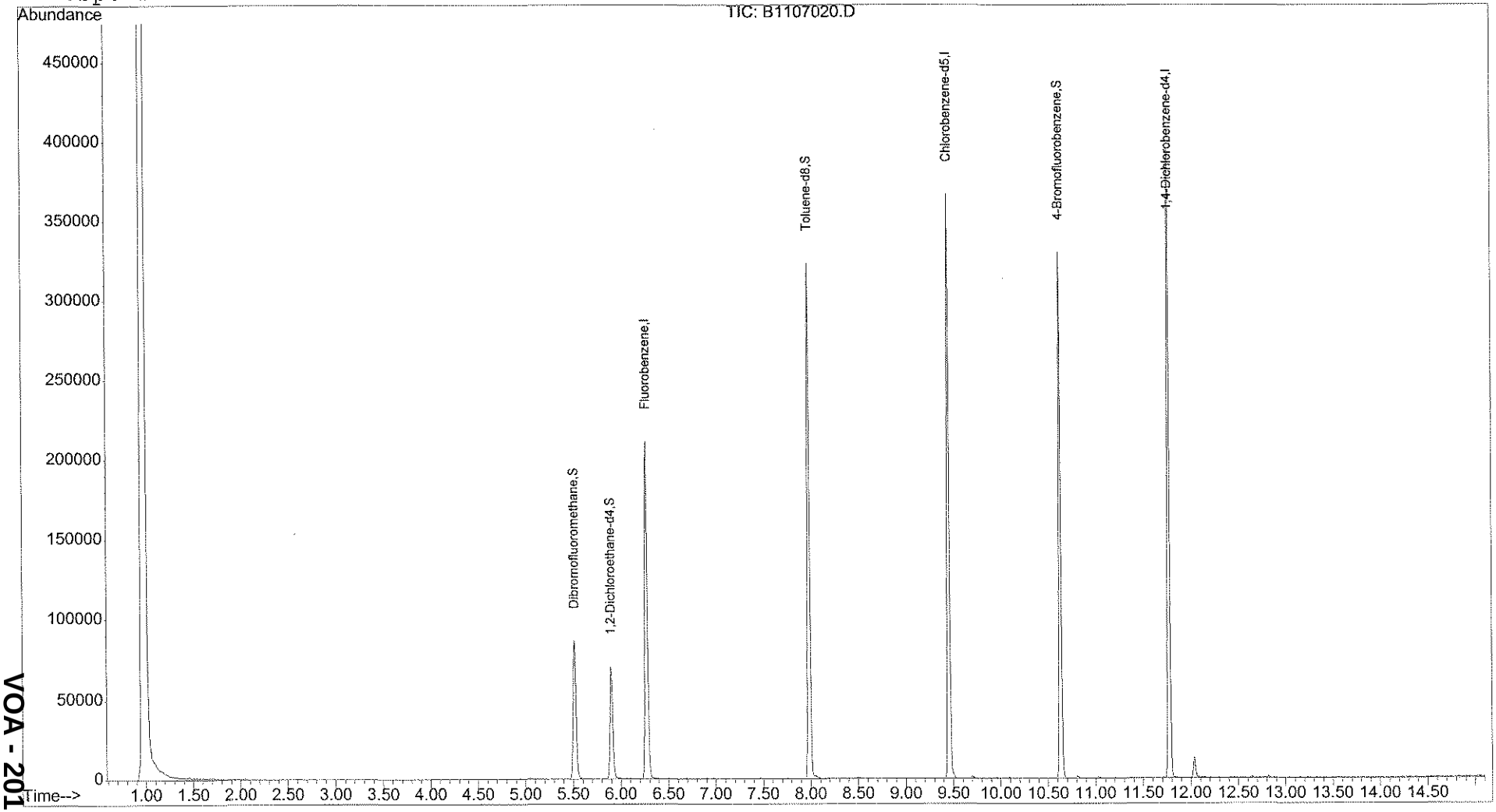
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107020.D Vial: 26
Acq On : 7 Nov 2006 16:18 Operator: DGA
Sample : JPL21-022 MW-19-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:34 2006 Quant Results File: 826025ML.RES

Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration



VOA - 201

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107020.D Vial: 26
Acq On : 7 Nov 2006 16:18 Operator: DGA
Sample : JPL21-022 MW-19-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:34 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : G:\BUDDHA\BUDDHA\090806\B1103009.D (3 Nov 2006 13:31)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	173353	10.00 ug/l	0.00 55.74%
51) Chlorobenzene-d5	9.46	82	96717	10.00 ug/l	0.00 60.42%
71) 1,4-Dichlorobenzene-d4	11.78	152	98034	10.00 ug/l	0.00 50.89%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	54485	11.17 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	61044	12.23 ug/l	0.00
52) Toluene-d8	7.99	98	194005	10.22 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	83583	11.96 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	2.53	43	254	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.61	76	553	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	3.34	73	66	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 : G:\BUDDHA\BUDDHA\110706\B1107020.D Vial: 26
Acq On : 7 Nov 2006 16:18 Operator: DGA
Sample : JPL21-022 MW-19-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:34 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	4.96	43	65	N.D.	
29)	Bromochloromethane	0.00	128	0	N.D.	
30)	Methacrylonitrile	5.27	41	35	N.D.	
31)	Chloroform	5.32	83	45	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)	Isobutanol	0.00	43	0	N.D.	d
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.92	78	34	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Trichloroethene	6.69	130	32	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	7.15	41	29	N.D.	
46)	1,4-Dioxane	7.17	88	30	No Calib	#
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	d
48)	Bromodichloromethane	7.31	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	322	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	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	8.78	129	30	N.D.	
61)	1,2-Dibromoethane	8.97	107	31	N.D.	
62)	Chlorobenzene	9.55	112	46	N.D.	
63)	1-Chlorohexane	9.60	91	76	N.D.	
64)	Ethylbenzene	9.58	91	131	N.D.	
65)	1,1,1,2-Tetrachloroethane	9.62	131	34	N.D.	
66)	m,p-Xylene	9.70	106	257	N.D.	
67)	o-xylene	10.10	106	32	N.D.	
68)	Styrene	0.00	104	0	N.D.	
69)	Bromoform	0.00	173	0	N.D.	
70)	Isopropylbenzene	10.63	105	87	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.79	83	30	N.D.	

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107020.D Vial: 26
Acq On : 7 Nov 2006 16:18 Operator: DGA
Sample : JPL21-022 MW-19-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:34 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	n-Propylbenzene	11.05	120	39	N.D.		
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
76)	Bromobenzene	10.65	156	36	N.D.		
77)	1,2,3-Trichloropropane	10.64	110	60	N.D.		
78)	2-Chlorotoluene	11.00	91	39	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	4-Chlorotoluene	11.00	91	39	N.D.		
81)	tert-Butylbenzene	11.14	119	37	N.D.		
82)	1,2,4-Trimethylbenzene	11.49	105	39	N.D.		
83)	sec-butylbenzene	11.49	105	39	N.D.		
84)	4-Isopropyltoluene	11.78	119	201	N.D.		
85)	1,3-Dichlorobenzene	11.65	111	49	N.D.		
86)	1,4-Dichlorobenzene	11.76	146	30	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.		
88)	1,2-Dichlorobenzene	0.00	146	0	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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-4-10/31/06

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-023

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107021.D

Level: (LOW/MED) Date Collected: 10/31/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 16:48

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.

EB-4-10/31/06

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-023

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107021.D

Level: (LOW/MED) Date Collected: 10/31/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 16:48

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.

EB-4-10/31/06

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-023

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107021.D

Level: (LOW/MED) Date Collected: 10/31/2006

% Moisture: not dec. Date/Time Analyzed: 11/07/2006 16:48

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

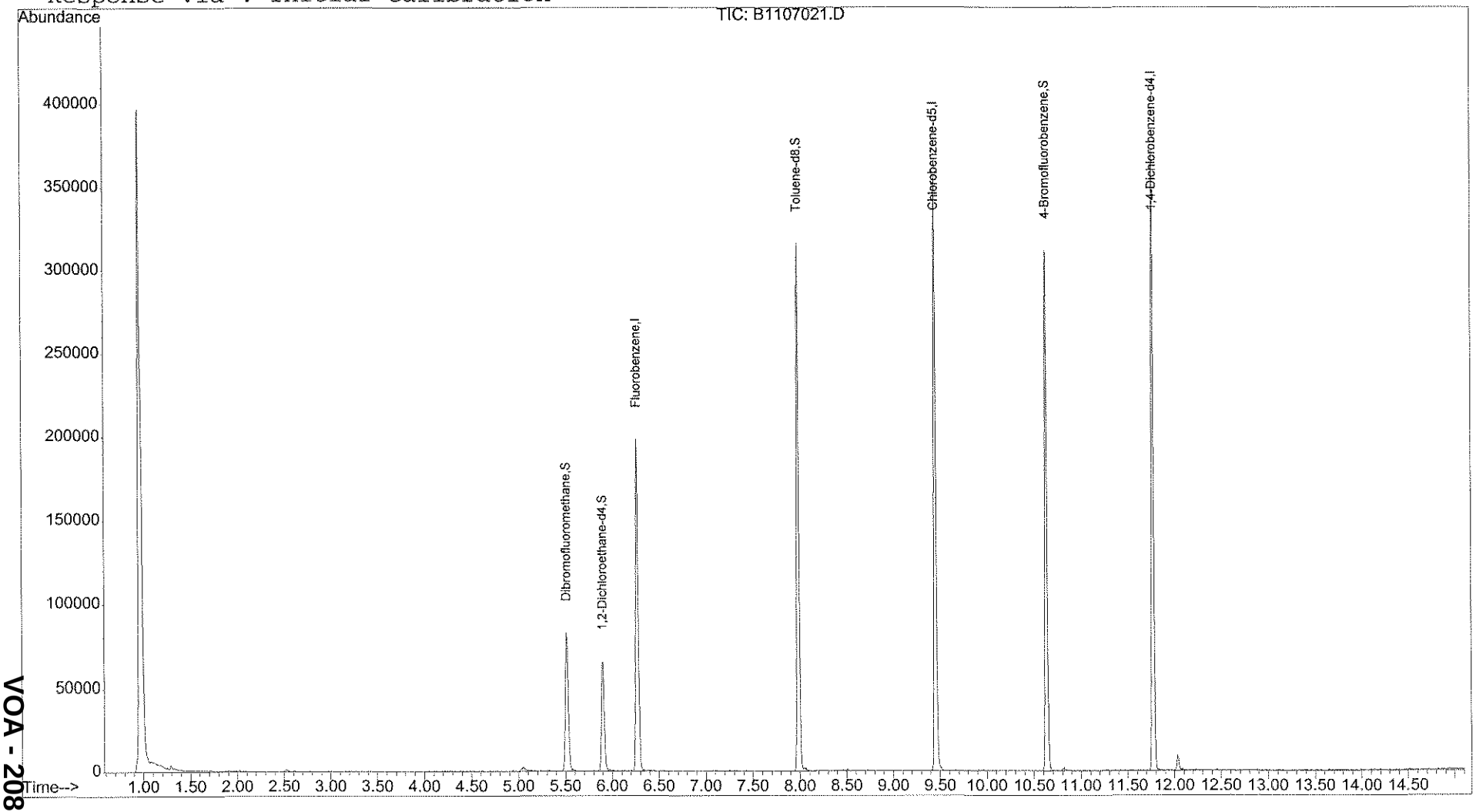
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.90	
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107021.D Vial: 27
Acq On : 7 Nov 2006 16:48 Operator: DGA
Sample : JPL21-023 EB-4-10/31/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:37 2006 Quant Results File: 826025ML.RES

Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration



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Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107021.D Vial: 27
Acq On : 7 Nov 2006 16:48 Operator: DGA
Sample : JPL21-023 EB-4-10/31/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:37 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : G:\BUDDHA\BUDDHA\090806\B1103009.D (3 Nov 2006 13:31)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	162000	10.00 ug/l	0.00 52.09%
51) Chlorobenzene-d5	9.46	82	92245	10.00 ug/l	0.00 57.63%
71) 1,4-Dichlorobenzene-d4	11.77	152	93133	10.00 ug/l	0.00 48.34%
System Monitoring Compounds					
32) Dibromofluoromethane	5.51	111	51932	11.39 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	58817	12.61 ug/l	0.00
52) Toluene-d8	7.99	98	186703	10.31 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	79773	12.01 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	2.57	43	211	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.61	76	309	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	2.97	84	70	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	4.08	43	30	N.D.	
23) 1,1-Dichloroethane	0.00	63	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	4.72	77	37	N.D.	
26) cis-1,2-Dichloroethene	4.81	96	31	N.D.	

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107021.D Vial: 27
Acq On : 7 Nov 2006 16:48 Operator: DGA
Sample : JPL21-023 EB-4-10/31/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:37 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	4.95	43	29		N.D.	
29)	Bromochloromethane	0.00	128	0		N.D.	
30)	Methacrylonitrile	0.00	41	0		N.D.	
31)	Chloroform	5.32	83	84		N.D.	
33)	1,1,1-Trichloroethane	0.00	97	0		N.D.	
34)	Cyclohexane	5.57	56	34		N.D.	
35)	Carbon Tetrachloride	0.00	117	0		N.D.	
36)	Isobutanol	0.00	43	0		N.D.	d
37)	1,1-Dichloropropene	5.56	75	38		N.D.	
39)	Benzene	5.93	78	44		N.D.	
40)	1,2-Dichloroethane	6.01	62	35		N.D.	
41)	Trichloroethene	6.78	130	38		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	7.13	41	33		N.D.	
46)	1,4-Dioxane	7.23	88	35	No	Calib	#
47)	2-Chloroethyl vinyl ether	0.00	63	0		N.D.	
48)	Bromodichloromethane	0.00	83	0		N.D.	
49)	cis-1,3-Dichloropropene	7.65	75	33		N.D.	
50)	4-Methyl-2-pentanone	7.90	43	31		N.D.	
53)	Toluene	8.05	92	134		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	8.41	97	33		N.D.	
57)	Tetrachloroethene	8.57	166	30		N.D.	
58)	2-Hexanone	0.00	43	0		N.D.	d
59)	1,3-Dichloropropane	8.51	76	40		N.D.	
60)	Dibromochloromethane	0.00	129	0		N.D.	
61)	1,2-Dibromoethane	9.17	107	30		N.D.	
62)	Chlorobenzene	0.00	112	0		N.D.	
63)	1-Chlorohexane	9.69	91	53		N.D.	
64)	Ethylbenzene	9.69	91	53		N.D.	
65)	1,1,1,2-Tetrachloroethane	0.00	131	0		N.D.	
66)	m,p-Xylene	0.00	106	0		N.D.	
67)	o-xylene	0.00	106	0		N.D.	
68)	Styrene	0.00	104	0		N.D.	
69)	Bromoform	0.00	173	0		N.D.	
70)	Isopropylbenzene	10.63	105	117		N.D.	
73)	1,1,2,2-Tetrachloroethane	0.00	83	0		N.D.	

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107021.D Vial: 27
Acq On : 7 Nov 2006 16:48 Operator: DGA
Sample : JPL21-023 EB-4-10/31/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:37 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	10.69	53	32	N.D.		
76)	Bromobenzene	10.64	156	29	N.D.		
77)	1,2,3-Trichloropropane	10.77	110	39	N.D.		
78)	2-Chlorotoluene	0.00	91	0	N.D.		
79)	1,3,5-Trimethylbenzene	10.97	105	34	N.D.		
80)	4-Chlorotoluene	0.00	91	0	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.42	105	37	N.D.		
83)	sec-butylbenzene	11.48	105	29	N.D.		
84)	4-Isopropyltoluene	11.77	119	50	N.D.		
85)	1,3-Dichlorobenzene	11.77	111	1257	N.D.		
86)	1,4-Dichlorobenzene	11.81	146	87	N.D.		
87)	n-Butylbenzene	12.12	91	33	N.D.		
88)	1,2-Dichlorobenzene	12.18	146	30	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	14.26	180	48	N.D.		

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

Library Search Compound Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107021.D Vial: 27
Acq On : 7 Nov 2006 16:48 Operator: DGA
Sample : JPL21-023 EB-4-10/31/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
B1107021.D 826025ML.M Wed Nov 08 10:37:58 2006

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-4-10/31/06

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-024

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107010.D

Level: (LOW/MED) _____ Date Collected: 10/31/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/07/2006 11:20

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-4-10/31/06

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-024

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107010.D

Level: (LOW/MED) _____ Date Collected: 10/31/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/07/2006 11:20

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-4-10/31/06

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

SDG No.: JPL21 Run Sequence: R012284

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL21-024

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1107010.D

Level: (LOW/MED) _____ Date Collected: 10/31/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/07/2006 11:20

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

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

Heated Purge: (Y/N) N

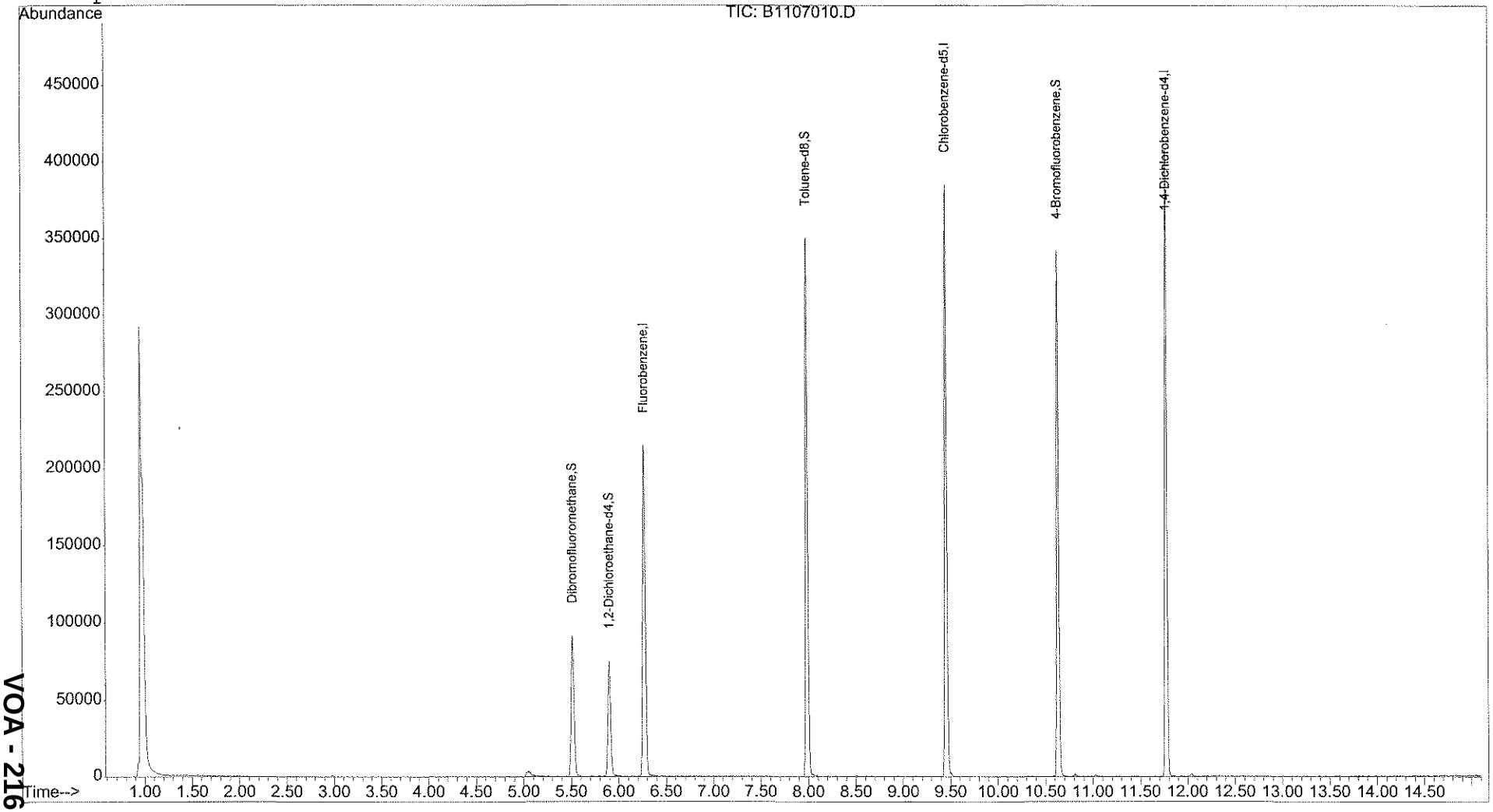
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107010.D Vial: 16
Acq On : 7 Nov 2006 11:20 Operator: DGA
Sample : JPL21-024 TB-4-10/31/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:07 2006 Quant Results File: 826025ML.RES

Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration



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Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107010.D Vial: 16
Acq On : 7 Nov 2006 11:20 Operator: DGA
Sample : JPL21-024 TB-4-10/31/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:07 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260
IS QA File : G:\BUDDHA\BUDDHA\090806\B1103009.D (3 Nov 2006 13:31)

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min) Rcv(Ar)
1) Fluorobenzene	6.27	96	185309	10.00 ug/l	0.00 59.58%
51) Chlorobenzene-d5	9.46	82	98836	10.00 ug/l	0.00 61.75%
71) 1,4-Dichlorobenzene-d4	11.78	152	104844	10.00 ug/l	0.00 54.42%
System Monitoring Compounds					
32) Dibromofluoromethane	5.51	111	56515	10.84 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	64207	12.03 ug/l	0.00
52) Toluene-d8	7.98	98	208061	10.72 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	85449	11.43 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.22	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	2.61	76	446	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	339	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	4.03	43	32	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 : G:\BUDDHA\BUDDHA\110706\B1107010.D Vial: 16
Acq On : 7 Nov 2006 11:20 Operator: DGA
Sample : JPL21-024 TB-4-10/31/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:07 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 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	4.95	43	69	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)	Isobutanol	0.00	43	0	N.D.	d	
37)	1,1-Dichloropropene	5.58	75	38	N.D.		
39)	Benzene	5.92	78	38	N.D.		
40)	1,2-Dichloroethane	5.91	62	59	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	7.16	41	33	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	0.00	83	0	N.D.		
49)	cis-1,3-Dichloropropene	7.68	75	42	N.D.		
50)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
53)	Toluene	8.05	92	36	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	trans-1,3-Dichloropropene	8.27	75	30	N.D.		
56)	1,1,2-Trichloroethane	8.50	97	38	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	0.00	107	0	N.D.		
62)	Chlorobenzene	9.51	112	36	N.D.		
63)	1-Chlorohexane	9.60	91	38	N.D.		
64)	Ethylbenzene	9.60	91	38	N.D.		
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
66)	m,p-Xylene	0.00	106	0	N.D.		
67)	o-xylene	0.00	106	0	N.D.		
68)	Styrene	0.00	104	0	N.D.		
69)	Bromoform	0.00	173	0	N.D.		
70)	Isopropylbenzene	10.47	105	30	N.D.		
73)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		

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

Quantitation Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107010.D Vial: 16
Acq On : 7 Nov 2006 11:20 Operator: DGA
Sample : JPL21-024 TB-4-10/31/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 8 10:07 2006 Quant Results File: 826025ML.RES

Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Last Update : Mon Nov 06 10:59:33 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	n-Propylbenzene	10.85	120	29	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
76)	Bromobenzene	10.63	156	123	N.D.	
77)	1,2,3-Trichloropropane	10.66	110	36	N.D.	
78)	2-Chlorotoluene	10.96	91	30	N.D.	
79)	1,3,5-Trimethylbenzene	11.05	105	44	N.D.	
80)	4-Chlorotoluene	10.96	91	30	N.D.	
81)	tert-Butylbenzene	11.42	119	32	N.D.	
82)	1,2,4-Trimethylbenzene	11.19	105	31	N.D.	
83)	sec-butylbenzene	11.77	105	65	N.D.	
84)	4-Isopropyltoluene	11.72	119	44	N.D.	
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d
86)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	12.30	91	33	N.D.	
88)	1,2-Dichlorobenzene	12.41	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

Library Search Compound Report

Data File : G:\BUDDHA\BUDDHA\110706\B1107010.D Vial: 16
Acq On : 7 Nov 2006 11:20 Operator: DGA
Sample : JPL21-024 TB-4-10/31/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: LSCINT.P
Quant Method : T:\MSDCHEM\1\QUANT\826025ML.M (RTE Integrator)
Title : VOA Standards for 6 point calibration 8260- 25ML
Library : D:\DATABASE\NIST129K.L

No Library Search Compounds Detected

****
B1107010.D 826025ML.M Wed Nov 08 10:08:10 2006

SAMPLE DATA

SDG# JPL21

Semivolatiles

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-5

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

SDG No.: JPL21 Run Sequence: R012832

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL21-015

Sample wt/vol: 1020.0 (g/mL) mL Lab File ID: Z1120014.D

Level: (LOW/MED) _____ Date Collected: 10/30/2006

% Moisture: _____ Decanted: (Y/N) N Date Extracted: 11/06/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

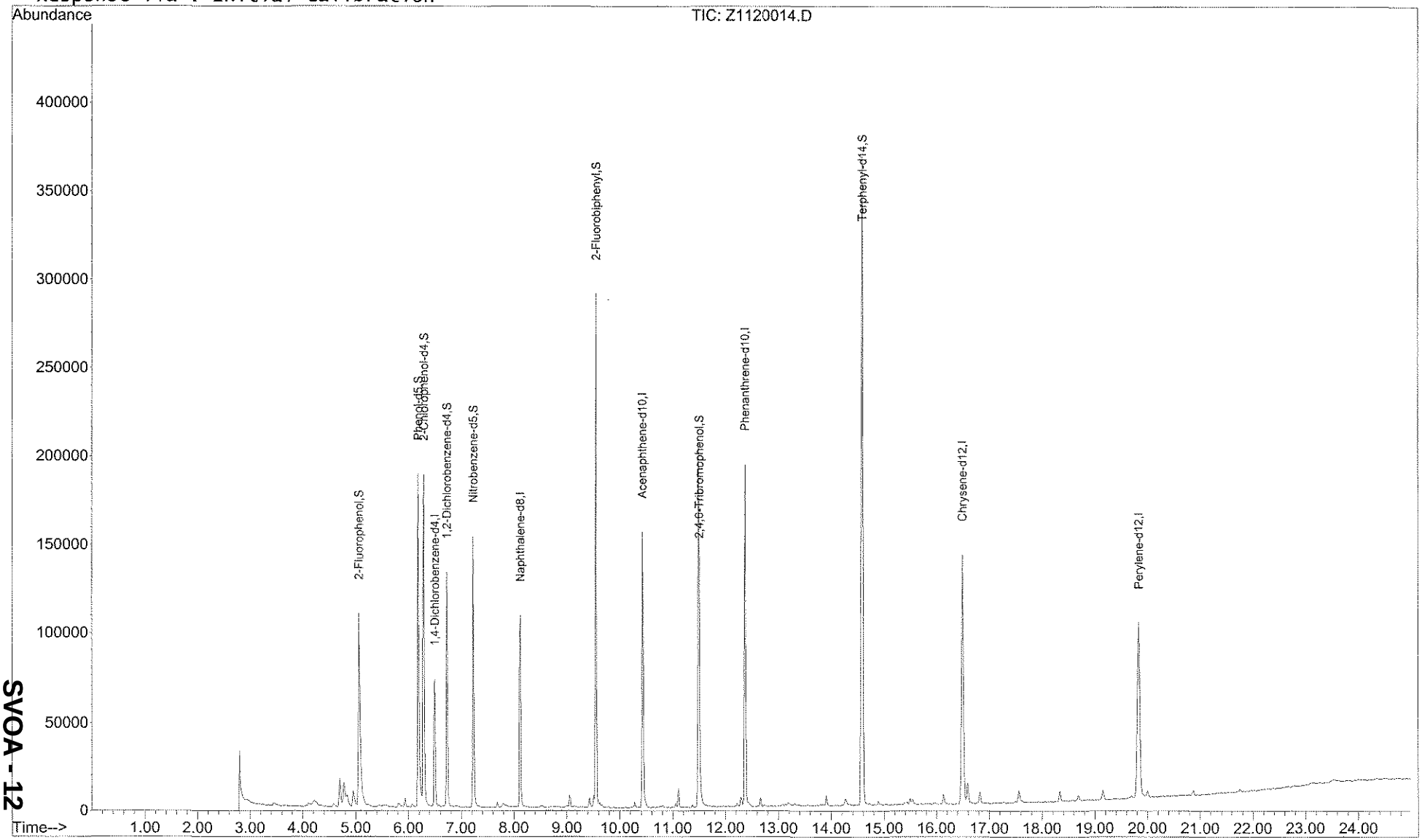
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120014.D Vial: 15
Acq On : 20 Nov 2006 16:50 Operator: LPM
Sample : JPL21-015 MW-19-5 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:43 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 2006
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120014.D Vial: 15
Acq On : 20 Nov 2006 16:50 Operator: LPM
Sample : JPL21-015 MW-19-5 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:43 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 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	22723	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	91324	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.43	164	59497	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.37	188	118444	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.50	240	112953	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.84	264	105080	20.00	ng/ul	-0.02 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	66527	49.64	ng/ul	-0.01
Spiked Amount 75.000	Range 20 - 110		Recovery = 66.19%			
7) Phenol-d5	6.18	99	99018	54.49	ng/ul	-0.02
Spiked Amount 75.000	Range 10 - 115		Recovery = 72.65%			
11) 2-Chlorophenol-d4	6.29	132	90749	56.69	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 75.59%			
15) 1,2-Dichlorobenzene-d4	6.73	152	30813	31.86	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 63.72%			
25) Nitrobenzene-d5	7.23	82	64916	38.83	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 77.66%			
46) 2-Fluorobiphenyl	9.55	172	142539	38.70	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 77.40%			
72) 2,4,6-Tribromophenol	11.51	330	51508	58.90	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 78.53%			
85) Terphenyl-d14	14.58	244	261123	48.56	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 135		Recovery = 97.12%			
Target Compounds						Qvalue
2) 1,4-Dioxane	3.04	88	658	1.08	ng/ul#	40
3) N-nitrosodimethylamine	3.51	74	28	N.D.		
4) Pyridine	3.45	79	26	N.D.		
6) Benzaldehyde	5.92	77	116	N.D.		
8) Phenol	6.20	94	291	N.D.		
9) Aniline	6.20	93	15	N.D.		
10) Bis(2-Chloroethyl)ether	6.20	93	15	N.D.		
12) 2-Chlorophenol	6.32	128	28	N.D.		
13) 1,3-Dichlorobenzene	6.46	146	73	N.D.		
14) 1,4-Dichlorobenzene	6.46	146	73	N.D.		
16) Benzyl alcohol	6.73	108	290	N.D.		
17) 1,2-Dichlorobenzene	6.74	146	100	N.D.		
18) 2-Methylphenol	6.94	108	14	N.D.		
19) Bis(2-chloroisopropyl)ethe	6.82	45	828	N.D.		
20) 3 & 4-Methylphenol	7.14	108	21	N.D.		
21) Acetophenone	7.06	105	72	N.D.		
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
23) Hexachloroethane	7.17	117	14	N.D.		
26) Nitrobenzene	7.23	77	427	N.D.		
27) Isophorone	0.00	82	0	N.D.		
28) 2-Nitrophenol	0.00	139	0	N.D.		

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120014.D Vial: 15
Acq On : 20 Nov 2006 16:50 Operator: LPM
Sample : JPL21-015 MW-19-5 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:43 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.76	107	27	N.D.	
30)	bis(2-Chloroethoxy)methane	7.76	93	87	N.D.	
31)	Benzoic acid	8.00	105	183	Below Cal #	67
32)	2,4-Dichlorophenol	0.00	162	0	N.D.	
33)	1,2,4-Trichlorobenzene	8.02	180	15	N.D.	
34)	Naphthalene	8.24	128	36	N.D.	
35)	4-Chloroaniline	8.29	127	15	N.D.	
36)	Hexachlorobutadiene	8.55	225	16	N.D.	
37)	Caprolactam	8.78	113	55	N.D.	
38)	4-Chloro-3-methylphenol	8.99	107	103	N.D.	
39)	2-Methylnaphthalene	9.05	142	34	N.D.	
41)	1-Methylnaphthalene	9.19	142	25	N.D.	
42)	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
43)	1,2,4,5-Tetrachlorobenzene	9.44	216	15	N.D.	
44)	2,4,6-Trichlorophenol	9.43	196	21	N.D.	
45)	2,4,5-Trichlorophenol	9.43	196	21	N.D.	
47)	1,1'-Biphenyl	9.67	154	562	N.D.	
48)	2-Chloronaphthalene	9.70	162	18	N.D.	
49)	2-Nitroaniline	9.91	65	30	N.D.	
50)	Dimethylphthalate	10.16	163	33	N.D.	
51)	1,4-Dinitrobenzene	10.05	168	15	N.D.	
52)	1,3-Dinitrobenzene	10.22	168	12	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.25	152	23	N.D.	
55)	1,2-Dinitrobenzene	10.43	168	15	N.D.	
56)	3-Nitroaniline	10.47	138	15	N.D.	
57)	Acenaphthene	10.44	153	13	N.D.	
58)	2,4-Dinitrophenol	10.38	184	15	3.84 ng/ul#	1
59)	4-Nitrophenol	10.73	109	29	1.60 ng/uL#	1
60)	Dibenzofuran	10.70	168	17	N.D.	
61)	2,4-Dinitrotoluene	10.70	165	35	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	784	N.D.	
65)	Fluorene	11.28	166	31	N.D.	
66)	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
67)	4-Nitroaniline	11.17	138	11	N.D.	
69)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
70)	N-nitrosodiphenylamine	11.49	169	1312	N.D.	
71)	1,2-Diphenylhydrazine	11.34	77	70	N.D.	
73)	4-Bromophenyl-phenylether	11.72	248	14	N.D.	
74)	Hexachlorobenzene	12.04	284	13	N.D.	
75)	Atrazine	0.00	200	0	N.D.	
76)	Pentachlorophenol	12.29	266	39	N.D.	
77)	Phenanthrene	12.40	178	170	N.D.	
78)	Anthracene	12.45	178	73	N.D.	
79)	Carbazole	12.72	167	101	N.D.	
80)	Di-n-butylphthalate	13.17	149	1338	N.D.	
81)	Fluoranthene	14.02	202	76	N.D.	
83)	Benzidine	14.07	184	29	3.98 ng/ul	67
84)	Pyrene	14.36	202	94	N.D.	
86)	Butylbenzylphthalate	15.43	149	303	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	842	N.D.	
88)	3,3'-Dichlorobenzidine	16.34	252	14	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\112006\Z1120014.D Vial: 15
Acq On : 20 Nov 2006 16:50 Operator: LPM
Sample : JPL21-015 MW-19-5 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:43 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 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	5904	0.89 ng/ul	88
91)	Chrysene	16.50	228	543	N.D.	
93)	Di-n-octylphthalate	17.98	149	392	N.D.	
94)	Benzo[b]fluoranthene	18.95	252	146	N.D.	
95)	Benzo[k]fluoranthene	18.95	252	146	N.D.	
96)	Benzo[a]pyrene	19.68	252	91	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.52	276	94	N.D.	
98)	Dibenz[a,h]anthracene	22.54	278	46	N.D.	
99)	Benzo[g,h,i]perylene	23.18	276	43	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-4

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

SDG No.: JPL21 Run Sequence: R012832

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL21-016

Sample wt/vol: 1030.0 (g/mL) mL Lab File ID: Z1120015.D

Level: (LOW/MED) Date Collected: 10/30/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/06/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

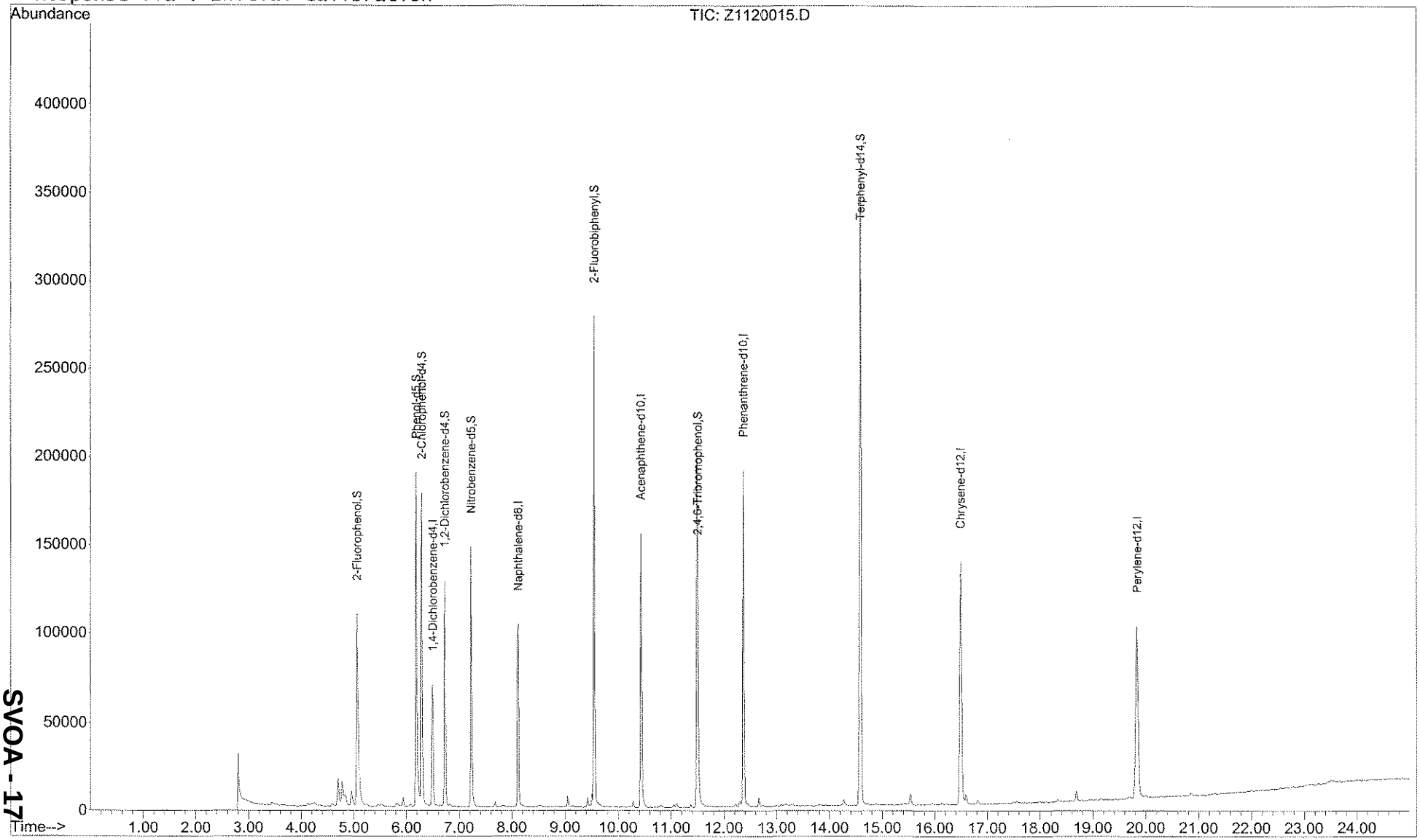
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120015.D Vial: 16
Acq On : 20 Nov 2006 17:24 Operator: LPM
Sample : JPL21-016 MW-19-4 Inst : Zooey
Misc : 5970Z 1030ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:44 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 2006
Response via : Initial Calibration



SVOA - 17

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120015.D Vial: 16
Acq On : 20 Nov 2006 17:24 Operator: LPM
Sample : JPL21-016 MW-19-4 Inst : Zooey
Misc : 5970Z 1030ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:44 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 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	22691	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	89361	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.43	164	59135	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.37	188	116569	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.50	240	108743	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.84	264	101623	20.00	ng/ul	-0.02 NA%

System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	65630	49.04	ng/ul	-0.02
Spiked Amount 75.000	Range 20 - 110		Recovery = 65.39%			
7) Phenol-d5	6.18	99	97954	53.98	ng/ul	-0.02
Spiked Amount 75.000	Range 10 - 115		Recovery = 71.97%			
11) 2-Chlorophenol-d4	6.29	132	88679	55.47	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 73.96%			
15) 1,2-Dichlorobenzene-d4	6.73	152	29703	30.76	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 61.52%			
25) Nitrobenzene-d5	7.23	82	60670	37.09	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 74.18%			
46) 2-Fluorobiphenyl	9.55	172	135157	36.92	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 73.84%			
72) 2,4,6-Tribromophenol	11.51	330	51386	59.71	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 79.61%			
85) Terphenyl-d14	14.59	244	259914	50.21	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 135		Recovery = 100.42%			

Target Compounds				Qvalue
2) 1,4-Dioxane	3.00	88	85	N.D.
3) N-nitrosodimethylamine	3.39	74	118	N.D.
4) Pyridine	3.48	79	35	N.D.
6) Benzaldehyde	5.97	77	68	N.D.
8) Phenol	6.20	94	240	N.D.
9) Aniline	6.14	93	45	N.D.
10) Bis(2-Chloroethyl)ether	6.23	93	38	N.D.
12) 2-Chlorophenol	6.30	128	17	N.D.
13) 1,3-Dichlorobenzene	6.46	146	81	N.D.
14) 1,4-Dichlorobenzene	6.52	146	46	N.D.
16) Benzyl alcohol	6.73	108	221	N.D.
17) 1,2-Dichlorobenzene	6.74	146	84	N.D.
18) 2-Methylphenol	7.03	108	26	N.D.
19) Bis(2-chloroisopropyl)ethe	6.82	45	1664	N.D.
20) 3 & 4-Methylphenol	7.03	108	45	N.D.
21) Acetophenone	7.08	105	83	N.D.
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.
23) Hexachloroethane	7.21	117	10	N.D.
26) Nitrobenzene	7.23	77	253	N.D.
27) Isophorone	7.62	82	98	N.D.
28) 2-Nitrophenol	7.64	139	17	N.D.

(#) = qualifier out of range (m) = manual integration
Z1120015.D Z8270M.M Tue Nov 21 22:43:57 2006

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120015.D Vial: 16
Acq On : 20 Nov 2006 17:24 Operator: LPM
Sample : JPL21-016 MW-19-4 Inst : Zooey
Misc : 5970Z 1030ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:44 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.74	107	30	N.D.	
30)	bis(2-Chloroethoxy)methane	7.71	93	49	N.D.	
31)	Benzoic acid	8.05	105	175	Below Cal	92
32)	2,4-Dichlorophenol	7.96	162	11	N.D.	
33)	1,2,4-Trichlorobenzene	8.06	180	44	N.D.	
34)	Naphthalene	8.09	128	16	N.D.	
35)	4-Chloroaniline	8.26	127	11	N.D.	
36)	Hexachlorobutadiene	8.20	225	12	N.D.	
37)	Caprolactam	8.76	113	38	N.D.	
38)	4-Chloro-3-methylphenol	8.97	107	80	N.D.	
39)	2-Methylnaphthalene	9.06	142	45	N.D.	
41)	1-Methylnaphthalene	9.15	142	17	N.D.	
42)	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
43)	1,2,4,5-Tetrachlorobenzene	9.31	216	12	N.D.	
44)	2,4,6-Trichlorophenol	9.50	196	13	N.D.	
45)	2,4,5-Trichlorophenol	9.50	196	13	N.D.	
47)	1,1'-Biphenyl	9.67	154	527	N.D.	
48)	2-Chloronaphthalene	9.63	162	16	N.D.	
49)	2-Nitroaniline	9.81	65	86	N.D.	
50)	Dimethylphthalate	10.14	163	52	N.D.	
51)	1,4-Dinitrobenzene	9.85	168	18	N.D.	
52)	1,3-Dinitrobenzene	10.31	168	16	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.26	152	36	N.D.	
55)	1,2-Dinitrobenzene	10.31	168	16	N.D.	
56)	3-Nitroaniline	10.60	138	14	N.D.	
57)	Acenaphthene	10.54	153	20	N.D.	
58)	2,4-Dinitrophenol	10.43	184	18	3.84 ng/ul#	1
59)	4-Nitrophenol	10.72	109	34	1.61 ng/uL#	1
60)	Dibenzofuran	10.70	168	38	N.D.	
61)	2,4-Dinitrotoluene	10.81	165	69	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.84	232	11	N.D.	
63)	2,3,4,6-tetrachlorophenol	10.84	232	11	N.D.	
64)	Diethylphthalate	11.05	149	878	N.D.	
65)	Fluorene	11.13	166	20	N.D.	
66)	4-Chlorophenyl-phenylether	11.13	204	14	N.D.	
67)	4-Nitroaniline	11.34	138	18	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.10	198	28	N.D.	
70)	N-nitrosodiphenylamine	11.49	169	1334	N.D.	
71)	1,2-Diphenylhydrazine	11.35	77	86	N.D.	
73)	4-Bromophenyl-phenylether	11.70	248	31	N.D.	
74)	Hexachlorobenzene	11.84	284	14	N.D.	
75)	Atrazine	12.05	200	35	N.D.	
76)	Pentachlorophenol	12.34	266	51	N.D.	
77)	Phenanthrene	12.46	178	43	N.D.	
78)	Anthracene	12.46	178	43	N.D.	
79)	Carbazole	12.66	167	142	N.D.	
80)	Di-n-butylphthalate	13.17	149	1119	N.D.	
81)	Fluoranthene	14.02	202	133	N.D.	
83)	Benzidine	14.19	184	15	3.97 ng/ul	67
84)	Pyrene	14.36	202	71	N.D.	
86)	Butylbenzylphthalate	15.28	149	208	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	2354	0.54 ng/ul#	92
88)	3,3'-Dichlorobenzidine	16.51	252	21	N.D.	
89)	Benzo[a]anthracene	16.50	228	485	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120015.D Vial: 16
Acq On : 20 Nov 2006 17:24 Operator: LPM
Sample : JPL21-016 MW-19-4 Inst : Zooey
Misc : 5970Z 1030ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:44 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 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	2718	N.D.	
91)	Chrysene	16.50	228	485	N.D.	
93)	Di-n-octylphthalate	17.88	149	28	N.D.	
94)	Benzo[b]fluoranthene	18.94	252	270	N.D.	
95)	Benzo[k]fluoranthene	18.94	252	292	N.D.	
96)	Benzo[a]pyrene	19.70	252	131	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.52	276	108	N.D.	
98)	Dibenz[a,h]anthracene	22.55	278	44	N.D.	
99)	Benzo[g,h,i]perylene	23.08	276	12	N.D.	

(#) = qualifier out of range (m) = manual integration
Z1120015.D Z8270M.M Tue Nov 21 22:43:58 2006

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-3

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

SDG No.: JPL21 Run Sequence: R012832

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL21-017

Sample wt/vol: 1020.0 (g/mL) mL Lab File ID: Z1120016.D

Level: (LOW/MED) _____ Date Collected: 10/30/2006

% Moisture: _____ Decanted: (Y/N) N Date Extracted: 11/06/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

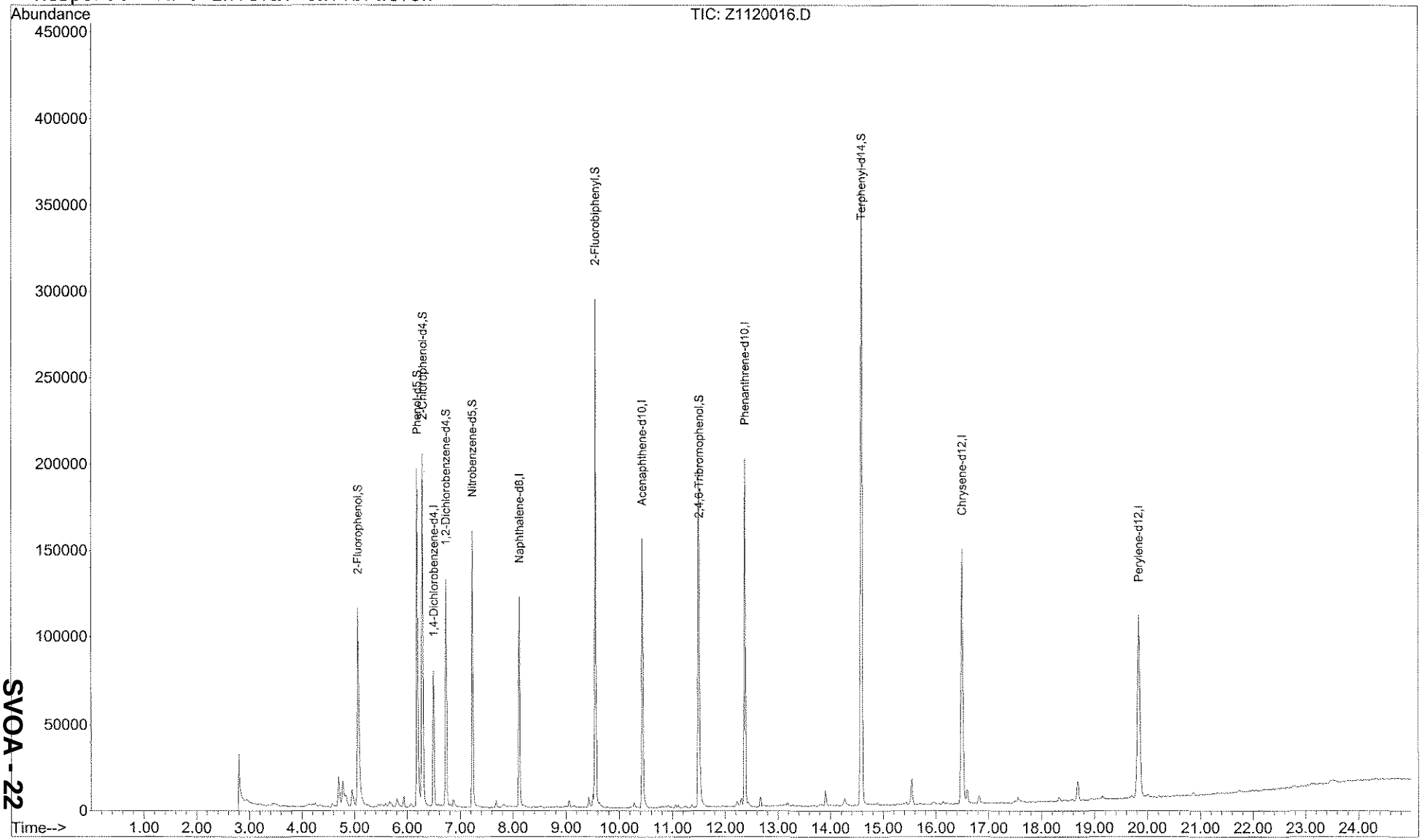
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120016.D Vial: 17
Acq On : 20 Nov 2006 18:00 Operator: LPM
Sample : JPL21-017 MW-19-3 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:44 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 2006
Response via : Initial Calibration



SVOA - 22

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120016.D Vial: 17
Acq On : 20 Nov 2006 18:00 Operator: LPM
Sample : JPL21-017 MW-19-3 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:44 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 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	23913	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	94656	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.43	164	62543	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.37	188	123457	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.50	240	117769	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.84	264	109657	20.00	ng/ul	-0.02 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	69758	49.46	ng/ul	-0.01
Spiked Amount 75.000	Range 20 - 110		Recovery = 65.95%			
7) Phenol-d5	6.18	99	101766	53.22	ng/ul	-0.02
Spiked Amount 75.000	Range 10 - 115		Recovery = 70.96%			
11) 2-Chlorophenol-d4	6.29	132	95954	56.96	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 75.95%			
15) 1,2-Dichlorobenzene-d4	6.73	152	32447	31.88	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 63.76%			
25) Nitrobenzene-d5	7.23	82	68613	39.59	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 79.18%			
46) 2-Fluorobiphenyl	9.55	172	147197	38.02	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 76.04%			
72) 2,4,6-Tribromophenol	11.51	330	52452	57.55	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 76.73%			
85) Terphenyl-d14	14.59	244	271104	48.36	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 135		Recovery = 96.72%			
Target Compounds						Qvalue
2) 1,4-Dioxane	3.04	88	154	N.D.		
3) N-nitrosodimethylamine	3.47	74	29	N.D.		
4) Pyridine	3.45	79	24	N.D.		
6) Benzaldehyde	6.03	77	197	N.D.		
8) Phenol	6.20	94	255	N.D.		
9) Aniline	6.20	93	78	N.D.		
10) Bis(2-Chloroethyl)ether	6.20	93	78	N.D.		
12) 2-Chlorophenol	6.29	128	46	N.D.		
13) 1,3-Dichlorobenzene	6.46	146	198	N.D.		
14) 1,4-Dichlorobenzene	6.52	146	103	N.D.		
16) Benzyl alcohol	6.73	108	227	N.D.		
17) 1,2-Dichlorobenzene	6.74	146	135	N.D.		
18) 2-Methylphenol	6.93	108	51	N.D.		
19) Bis(2-chloroisopropyl)ethe	6.82	45	1915	N.D.		
20) 3 & 4-Methylphenol	7.24	108	42	N.D.		
21) Acetophenone	7.03	105	155	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	357	N.D.		
27) Isophorone	7.67	82	92	N.D.		
28) 2-Nitrophenol	7.84	139	66	N.D.		

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120016.D Vial: 17
Acq On : 20 Nov 2006 18:00 Operator: LPM
Sample : JPL21-017 MW-19-3 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:44 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.77	107	30	N.D.	
30)	bis(2-Chloroethoxy)methane	7.88	93	45	N.D.	
31)	Benzoic acid	8.02	105	197	Below Cal #	76
32)	2,4-Dichlorophenol	7.94	162	14	N.D.	
33)	1,2,4-Trichlorobenzene	8.08	180	101	N.D.	
34)	Naphthalene	8.15	128	89	N.D.	
35)	4-Chloroaniline	8.32	127	13	N.D.	
36)	Hexachlorobutadiene	8.34	225	14	N.D.	
37)	Caprolactam	8.76	113	17	N.D.	
38)	4-Chloro-3-methylphenol	8.96	107	18	N.D.	
39)	2-Methylnaphthalene	8.99	142	11	N.D.	
41)	1-Methylnaphthalene	0.00	142	0	N.D.	
42)	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
43)	1,2,4,5-Tetrachlorobenzene	9.40	216	30	N.D.	
44)	2,4,6-Trichlorophenol	9.52	196	21	N.D.	
45)	2,4,5-Trichlorophenol	9.52	196	21	N.D.	
47)	1,1'-Biphenyl	9.67	154	441	N.D.	
48)	2-Chloronaphthalene	9.63	162	15	N.D.	
49)	2-Nitroaniline	9.87	65	41	N.D.	
50)	Dimethylphthalate	10.11	163	14	N.D.	
51)	1,4-Dinitrobenzene	10.08	168	30	N.D.	
52)	1,3-Dinitrobenzene	10.08	168	30	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.22	152	20	N.D.	
55)	1,2-Dinitrobenzene	10.29	168	27	N.D.	
56)	3-Nitroaniline	10.38	138	44	N.D.	
57)	Acenaphthene	10.49	153	14	N.D.	
58)	2,4-Dinitrophenol	0.00	184	0	N.D.	
59)	4-Nitrophenol	10.72	109	56	1.64 ng/uL#	1
60)	Dibenzofuran	10.76	168	35	N.D.	
61)	2,4-Dinitrotoluene	10.70	165	15	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.85	232	15	N.D.	
63)	2,3,4,6-tetrachlorophenol	10.85	232	15	N.D.	
64)	Diethylphthalate	11.05	149	1015	N.D.	
65)	Fluorene	11.14	166	14	N.D.	
66)	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
67)	4-Nitroaniline	11.26	138	13	N.D.	
69)	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
70)	N-nitrosodiphenylamine	11.49	169	1417	N.D.	
71)	1,2-Diphenylhydrazine	11.25	77	103	N.D.	
73)	4-Bromophenyl-phenylether	11.75	248	21	N.D.	
74)	Hexachlorobenzene	11.92	284	14	N.D.	
75)	Atrazine	12.10	200	16	N.D.	
76)	Pentachlorophenol	12.23	266	289	N.D.	
77)	Phenanthrene	12.40	178	170	N.D.	
78)	Anthracene	12.40	178	170	N.D.	
79)	Carbazole	12.66	167	179	N.D.	
80)	Di-n-butylphthalate	13.17	149	1493	N.D.	
81)	Fluoranthene	14.02	202	114	N.D.	
83)	Benzidine	14.18	184	14	3.97 ng/ul	67
84)	Pyrene	14.36	202	90	N.D.	
86)	Butylbenzylphthalate	15.57	149	208	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	4773	1.01 ng/ul	97
88)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
89)	Benzo[a]anthracene	16.50	228	470	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120016.D Vial: 17
Acq On : 20 Nov 2006 18:00 Operator: LPM
Sample : JPL21-017 MW-19-3 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:44 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 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	4490	0.65	ng/ul	87
91)	Chrysene	16.50	228	470	N.D.		
93)	Di-n-octylphthalate	17.98	149	666	N.D.		
94)	Benzo[b]fluoranthene	18.99	252	247	N.D.		
95)	Benzo[k]fluoranthene	18.99	252	247	N.D.		
96)	Benzo[a]pyrene	19.70	252	166	N.D.		
97)	Indeno[1,2,3-cd]pyrene	22.52	276	151	N.D.		
98)	Dibenz[a,h]anthracene	22.54	278	130	N.D.		
99)	Benzo[g,h,i]perylene	23.15	276	219	N.D.		

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-3-10/30/06

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

SDG No.: JPL21 Run Sequence: R012832

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL21-018

Sample wt/vol: 1040.0 (g/mL) mL Lab File ID: Z1120017.D

Level: (LOW/MED) _____ Date Collected: 10/30/2006

% Moisture: _____ Decanted: (Y/N) N Date Extracted: 11/06/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

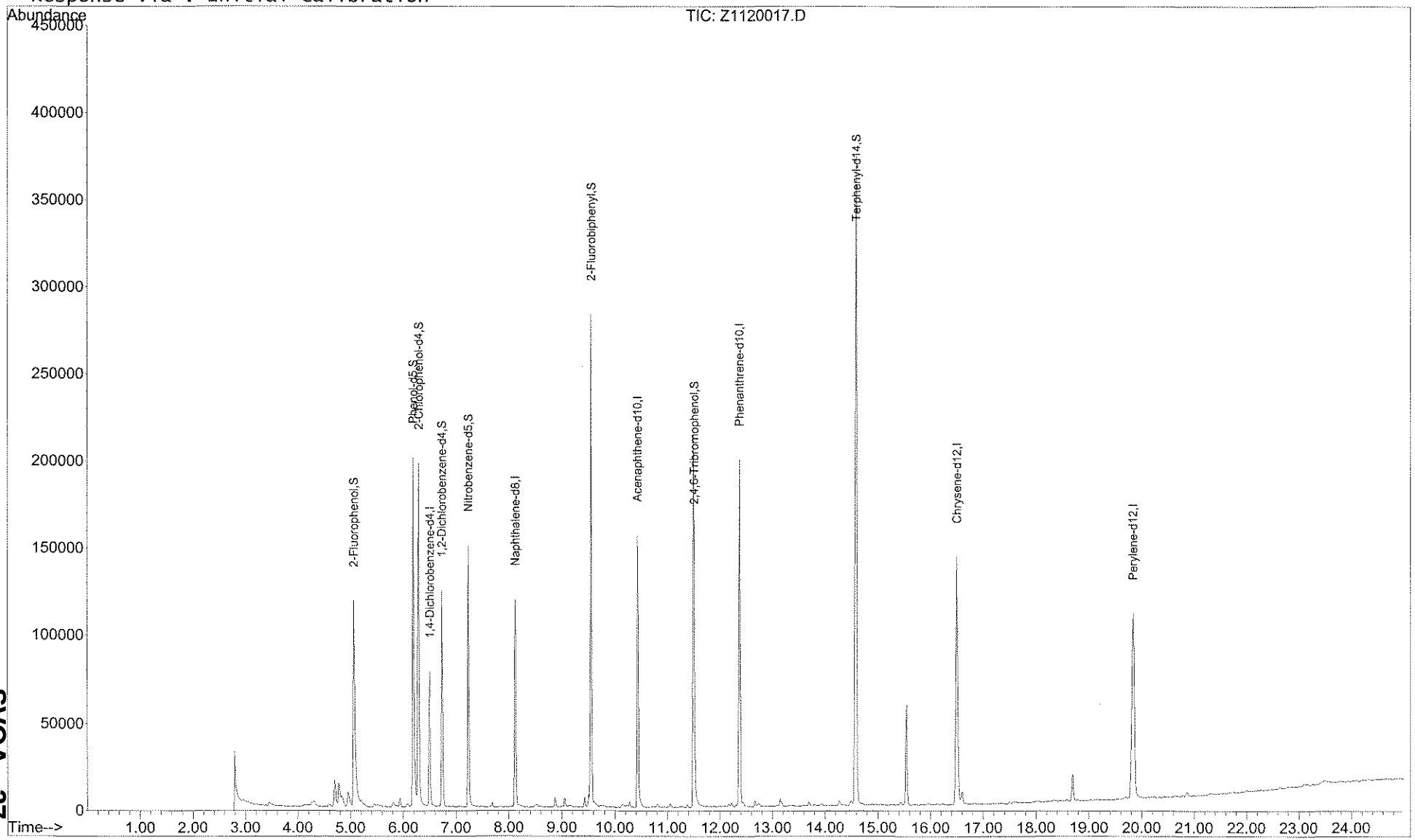
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.4	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120017.D Vial: 18
Acq On : 20 Nov 2006 18:35 Operator: LPM
Sample : JPL21-018 EB3-10/30/06 Inst : Zooey
Misc : 5970Z 1040ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:44 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 2006
Response via : Initial Calibration



SVOA - 27

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120017.D Vial: 18
Acq On : 20 Nov 2006 18:35 Operator: LPM
Sample : JPL21-018 EB3-10/30/06 Inst : Zooey
Misc : 5970Z 1040ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:44 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 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	23189	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	93871	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.43	164	62045	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.37	188	121145	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.50	240	117711	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.84	264	109351	20.00	ng/ul	-0.02 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	71908	52.58	ng/ul	-0.01
Spiked Amount 75.000	Range 20 - 110		Recovery = 70.11%			
7) Phenol-d5	6.18	99	104197	56.19	ng/ul	-0.01
Spiked Amount 75.000	Range 10 - 115		Recovery = 74.92%			
11) 2-Chlorophenol-d4	6.29	132	93076	56.97	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 75.96%			
15) 1,2-Dichlorobenzene-d4	6.73	152	29866	30.26	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 60.52%			
25) Nitrobenzene-d5	7.23	82	63986	37.23	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 74.46%			
46) 2-Fluorobiphenyl	9.55	172	136889	35.64	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 71.28%			
72) 2,4,6-Tribromophenol	11.51	330	54672	61.13	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 81.51%			
85) Terphenyl-d14	14.59	244	268942	47.99	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 135		Recovery = 95.98%			

Target Compounds				Qvalue
2) 1,4-Dioxane	3.04	88	87	N.D.
3) N-nitrosodimethylamine	3.47	74	25	N.D.
4) Pyridine	3.45	79	47	N.D.
6) Benzaldehyde	6.02	77	257	N.D.
8) Phenol	6.20	94	412	N.D.
9) Aniline	6.15	93	35	N.D.
10) Bis(2-Chloroethyl)ether	6.23	93	41	N.D.
12) 2-Chlorophenol	6.29	128	25	N.D.
13) 1,3-Dichlorobenzene	6.52	146	76	N.D.
14) 1,4-Dichlorobenzene	6.52	146	76	N.D.
16) Benzyl alcohol	6.73	108	279	N.D.
17) 1,2-Dichlorobenzene	6.74	146	36	N.D.
18) 2-Methylphenol	6.80	108	14	N.D.
19) Bis(2-chloroisopropyl)ethe	6.96	45	85	N.D.
20) 3 & 4-Methylphenol	7.21	108	52	N.D.
21) Acetophenone	7.08	105	299	N.D.
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.
23) Hexachloroethane	7.11	117	15	N.D.
26) Nitrobenzene	7.23	77	308	N.D.
27) Isophorone	7.61	82	164	N.D.
28) 2-Nitrophenol	7.64	139	20	N.D.

(#) = qualifier out of range (m) = manual integration
Z1120017.D Z8270M.M Tue Nov 21 22:44:30 2006

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120017.D Vial: 18
Acq On : 20 Nov 2006 18:35 Operator: LPM
Sample : JPL21-018 EB3-10/30/06 Inst : Zooey
Misc : 5970Z 1040ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:44 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.74	107	31	N.D.	
30)	bis(2-Chloroethoxy)methane	7.90	93	39	N.D.	
31)	Benzoic acid	7.99	105	160	Below Cal #	52
32)	2,4-Dichlorophenol	7.91	162	13	N.D.	
33)	1,2,4-Trichlorobenzene	7.99	180	19	N.D.	
34)	Naphthalene	8.14	128	446	N.D.	
35)	4-Chloroaniline	8.21	127	15	N.D.	
36)	Hexachlorobutadiene	0.00	225	0	N.D.	
37)	Caprolactam	8.73	113	15	N.D.	
38)	4-Chloro-3-methylphenol	8.99	107	97	N.D.	
39)	2-Methylnaphthalene	9.06	142	89	N.D.	
41)	1-Methylnaphthalene	9.19	142	38	N.D.	
42)	Hexachlorocyclopentadiene	9.29	237	11	1.02 ng/ul#	30
43)	1,2,4,5-Tetrachlorobenzene	9.23	216	20	N.D.	
44)	2,4,6-Trichlorophenol	9.46	196	15	N.D.	
45)	2,4,5-Trichlorophenol	9.53	196	28	N.D.	
47)	1,1'-Biphenyl	9.67	154	523	N.D.	
48)	2-Chloronaphthalene	9.63	162	11	N.D.	
49)	2-Nitroaniline	9.90	65	41	N.D.	
50)	Dimethylphthalate	10.14	163	88	N.D.	
51)	1,4-Dinitrobenzene	10.05	168	13	N.D.	
52)	1,3-Dinitrobenzene	10.05	168	13	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.25	152	53	N.D.	
55)	1,2-Dinitrobenzene	10.35	168	32	N.D.	
56)	3-Nitroaniline	10.43	138	79	N.D.	
57)	Acenaphthene	10.47	153	82	N.D.	
58)	2,4-Dinitrophenol	0.00	184	0	N.D.	
59)	4-Nitrophenol	10.70	109	83	1.69 ng/uL#	53
60)	Dibenzofuran	10.70	168	187	N.D.	
61)	2,4-Dinitrotoluene	10.81	165	57	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	1181	N.D.	
65)	Fluorene	11.14	166	116	N.D.	
66)	4-Chlorophenyl-phenylether	11.16	204	10	N.D.	
67)	4-Nitroaniline	11.31	138	34	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.26	198	15	N.D.	
70)	N-nitrosodiphenylamine	11.49	169	1485	N.D.	
71)	1,2-Diphenylhydrazine	11.32	77	127	N.D.	
73)	4-Bromophenyl-phenylether	11.76	248	14	N.D.	
74)	Hexachlorobenzene	11.98	284	17	N.D.	
75)	Atrazine	12.13	200	17	N.D.	
76)	Pentachlorophenol	0.00	266	0	N.D.	
77)	Phenanthrene	12.46	178	18	N.D.	
78)	Anthracene	12.46	178	18	N.D.	
79)	Carbazole	12.67	167	101	N.D.	
80)	Di-n-butylphthalate	13.18	149	1459	N.D.	
81)	Fluoranthene	14.10	202	16	N.D.	
83)	Benzidine	14.25	184	14	3.97 ng/ul#	1
84)	Pyrene	14.36	202	33	N.D.	
86)	Butylbenzylphthalate	15.44	149	448	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	17563	3.73 ng/ul	98
88)	3,3'-Dichlorobenzidine	16.42	252	15	N.D.	
89)	Benzo[a]anthracene	16.50	228	433	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120017.D Vial: 18
Acq On : 20 Nov 2006 18:35 Operator: LPM
Sample : JPL21-018 EB3-10/30/06 Inst : Zooey
Misc : 5970Z 1040ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:44 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 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	3951	0.57 ng/ul	87
91)	Chrysene	16.50	228	433	N.D.	
93)	Di-n-octylphthalate	17.98	149	941	N.D.	
94)	Benzo[b]fluoranthene	18.97	252	126	N.D.	
95)	Benzo[k]fluoranthene	18.97	252	126	N.D.	
96)	Benzo[a]pyrene	19.68	252	25	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.52	276	26	N.D.	
98)	Dibenz[a,h]anthracene	22.55	278	29	N.D.	
99)	Benzo[g,h,i]perylene	23.12	276	16	N.D.	

(#) = qualifier out of range (m) = manual integration
Z1120017.D Z8270M.M Tue Nov 21 22:44:31 2006

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-5

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

SDG No.: JPL21 Run Sequence: R012832

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL21-020

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: Z1120018.D

Level: (LOW/MED) _____ Date Collected: 10/31/2006

% Moisture: _____ Decanted: (Y/N) N Date Extracted: 11/06/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

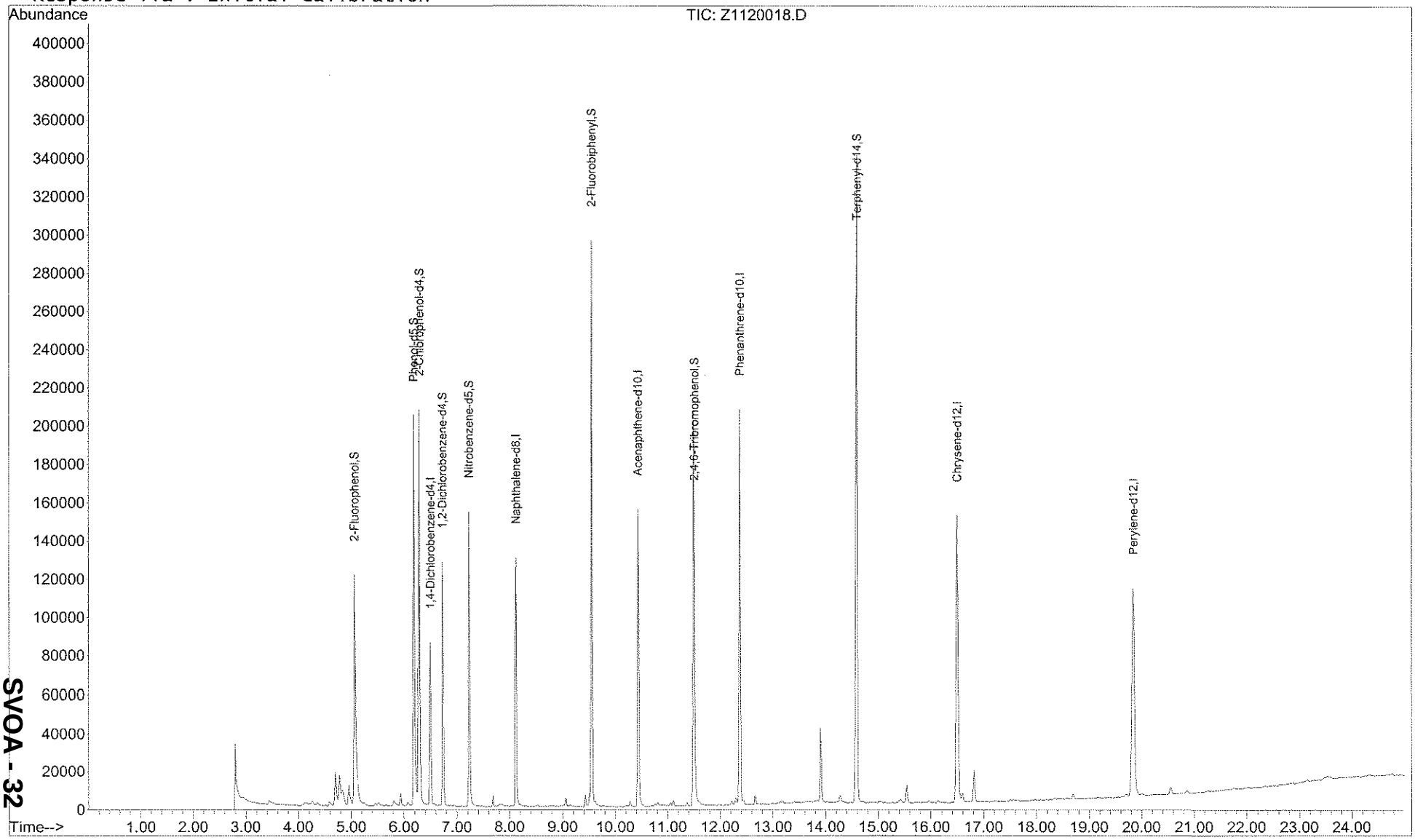
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120018.D Vial: 19
Acq On : 20 Nov 2006 19:10 Operator: LPM
Sample : JPL21-020 MW-17-5 Inst : Zooey
Misc : 5970Z 1000ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:44 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 2006
Response via : Initial Calibration



SVOA - 32

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120018.D Vial: 19
Acq On : 20 Nov 2006 19:10 Operator: LPM
Sample : JPL21-020 MW-17-5 Inst : Zooey
Misc : 5970Z 1000ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:44 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 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	24798	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	99397	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.43	164	65198	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.37	188	127303	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.50	240	122807	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.84	264	115556	20.00	ng/ul	-0.02 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	72736	49.73	ng/ul	-0.02
Spiked Amount 75.000	Range 20 - 110		Recovery = 66.31%			
7) Phenol-d5	6.18	99	107283	54.10	ng/ul	-0.02
Spiked Amount 75.000	Range 10 - 115		Recovery = 72.13%			
11) 2-Chlorophenol-d4	6.29	132	97051	55.55	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 74.07%			
15) 1,2-Dichlorobenzene-d4	6.73	152	32020	30.34	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 60.68%			
25) Nitrobenzene-d5	7.23	82	66805	36.71	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 73.42%			
46) 2-Fluorobiphenyl	9.55	172	146744	36.36	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 72.72%			
72) 2,4,6-Tribromophenol	11.51	330	52488	55.85	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 74.47%			
85) Terphenyl-d14	14.59	244	224432	38.39	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 135		Recovery = 76.78%			
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	85	N.D.		
3) N-nitrosodimethylamine	3.45	74	16	N.D.		
4) Pyridine	3.44	79	65	N.D.		
6) Benzaldehyde	6.00	77	130	N.D.		
8) Phenol	6.20	94	331	N.D.		
9) Aniline	6.17	93	15	N.D.		
10) Bis(2-Chloroethyl)ether	6.17	93	15	N.D.		
12) 2-Chlorophenol	6.29	128	46	N.D.		
13) 1,3-Dichlorobenzene	6.47	146	14	N.D.		
14) 1,4-Dichlorobenzene	6.52	146	25	N.D.		
16) Benzyl alcohol	6.73	108	197	N.D.		
17) 1,2-Dichlorobenzene	6.68	146	15	N.D.		
18) 2-Methylphenol	6.82	108	48	N.D.		
19) Bis(2-chloroisopropyl)ethe	7.00	45	177	N.D.		
20) 3 & 4-Methylphenol	7.18	108	46	N.D.		
21) Acetophenone	7.03	105	39	N.D.		
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
23) Hexachloroethane	7.06	117	36	N.D.		
26) Nitrobenzene	7.30	77	68	N.D.		
27) Isophorone	7.58	82	45	N.D.		
28) 2-Nitrophenol	7.70	139	16	N.D.		

(#) = qualifier out of range (m) = manual integration
Z1120018.D Z8270M.M Tue Nov 21 22:44:46 2006

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120018.D Vial: 19
Acq On : 20 Nov 2006 19:10 Operator: LPM
Sample : JPL21-020 MW-17-5 Inst : Zooey
Misc : 5970Z 1000ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:44 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.77	107	12	N.D.	
30)	bis(2-Chloroethoxy)methane	7.84	93	55	N.D.	
31)	Benzoic acid	7.90	105	49	Below Cal #	33
32)	2,4-Dichlorophenol	0.00	162	0	N.D.	
33)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
34)	Naphthalene	8.14	128	54	N.D.	
35)	4-Chloroaniline	8.18	127	13	N.D.	
36)	Hexachlorobutadiene	8.31	225	11	N.D.	
37)	Caprolactam	8.79	113	53	N.D.	
38)	4-Chloro-3-methylphenol	8.94	107	18	N.D.	
39)	2-Methylnaphthalene	9.06	142	19	N.D.	
41)	1-Methylnaphthalene	9.19	142	19	N.D.	
42)	Hexachlorocyclopentadiene	9.25	237	16	1.03 ng/ul#	30
43)	1,2,4,5-Tetrachlorobenzene	0.00	216	0	N.D.	
44)	2,4,6-Trichlorophenol	9.40	196	16	N.D.	
45)	2,4,5-Trichlorophenol	9.59	196	28	N.D.	
47)	1,1'-Biphenyl	9.67	154	469	N.D.	
48)	2-Chloronaphthalene	9.63	162	14	N.D.	
49)	2-Nitroaniline	9.87	65	20	N.D.	
50)	Dimethylphthalate	10.16	163	19	N.D.	
51)	1,4-Dinitrobenzene	10.14	168	24	N.D.	
52)	1,3-Dinitrobenzene	10.14	168	24	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.32	152	29	N.D.	
55)	1,2-Dinitrobenzene	10.34	168	44	N.D.	
56)	3-Nitroaniline	10.43	138	15	N.D.	
57)	Acenaphthene	10.47	153	10	N.D.	
58)	2,4-Dinitrophenol	10.58	184	14	3.84 ng/ul#	1
59)	4-Nitrophenol	10.69	109	14	1.57 ng/uL#	20
60)	Dibenzofuran	10.70	168	17	N.D.	
61)	2,4-Dinitrotoluene	10.69	165	45	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.90	232	11	N.D.	
63)	2,3,4,6-tetrachlorophenol	10.90	232	11	N.D.	
64)	Diethylphthalate	11.05	149	826	N.D.	
65)	Fluorene	11.29	166	11	N.D.	
66)	4-Chlorophenyl-phenylether	11.07	204	13	N.D.	
67)	4-Nitroaniline	11.29	138	18	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.32	198	11	N.D.	
70)	N-nitrosodiphenylamine	11.49	169	1472	N.D.	
71)	1,2-Diphenylhydrazine	11.34	77	167	N.D.	
73)	4-Bromophenyl-phenylether	11.76	248	14	N.D.	
74)	Hexachlorobenzene	0.00	284	0	N.D.	
75)	Atrazine	0.00	200	0	N.D.	
76)	Pentachlorophenol	12.26	266	11	N.D.	
77)	Phenanthrene	12.48	178	15	N.D.	
78)	Anthracene	12.48	178	15	N.D.	
79)	Carbazole	12.67	167	122	N.D.	
80)	Di-n-butylphthalate	13.17	149	1414	N.D.	
81)	Fluoranthene	13.87	202	50	N.D.	
83)	Benzidine	0.00	184	0	N.D.	
84)	Pyrene	14.36	202	80	N.D.	
86)	Butylbenzylphthalate	15.50	149	74	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	2709	0.55 ng/ul#	94
88)	3,3'-Dichlorobenzidine	16.48	252	15	N.D.	
89)	Benzo[a]anthracene	16.50	228	380	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120018.D Vial: 19
Acq On : 20 Nov 2006 19:10 Operator: LPM
Sample : JPL21-020 MW-17-5 Inst : Zooey
Misc : 5970Z 1000ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:44 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 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	2068	N.D.	
91)	Chrysene	16.50	228	380	N.D.	
93)	Di-n-octylphthalate	17.98	149	492	N.D.	
94)	Benzo[b]fluoranthene	18.88	252	32	N.D.	
95)	Benzo[k]fluoranthene	18.97	252	36	N.D.	
96)	Benzo[a]pyrene	19.70	252	58	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.55	276	23	N.D.	
98)	Dibenz[a,h]anthracene	22.60	278	28	N.D.	
99)	Benzo[g,h,i]perylene	23.10	276	20	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-2

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

SDG No.: JPL21 Run Sequence: R012832

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL21-021

Sample wt/vol: 1010.0 (g/mL) mL Lab File ID: Z1120019.D

Level: (LOW/MED) _____ Date Collected: 10/31/2006

% Moisture: _____ Decanted: (Y/N) N Date Extracted: 11/06/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

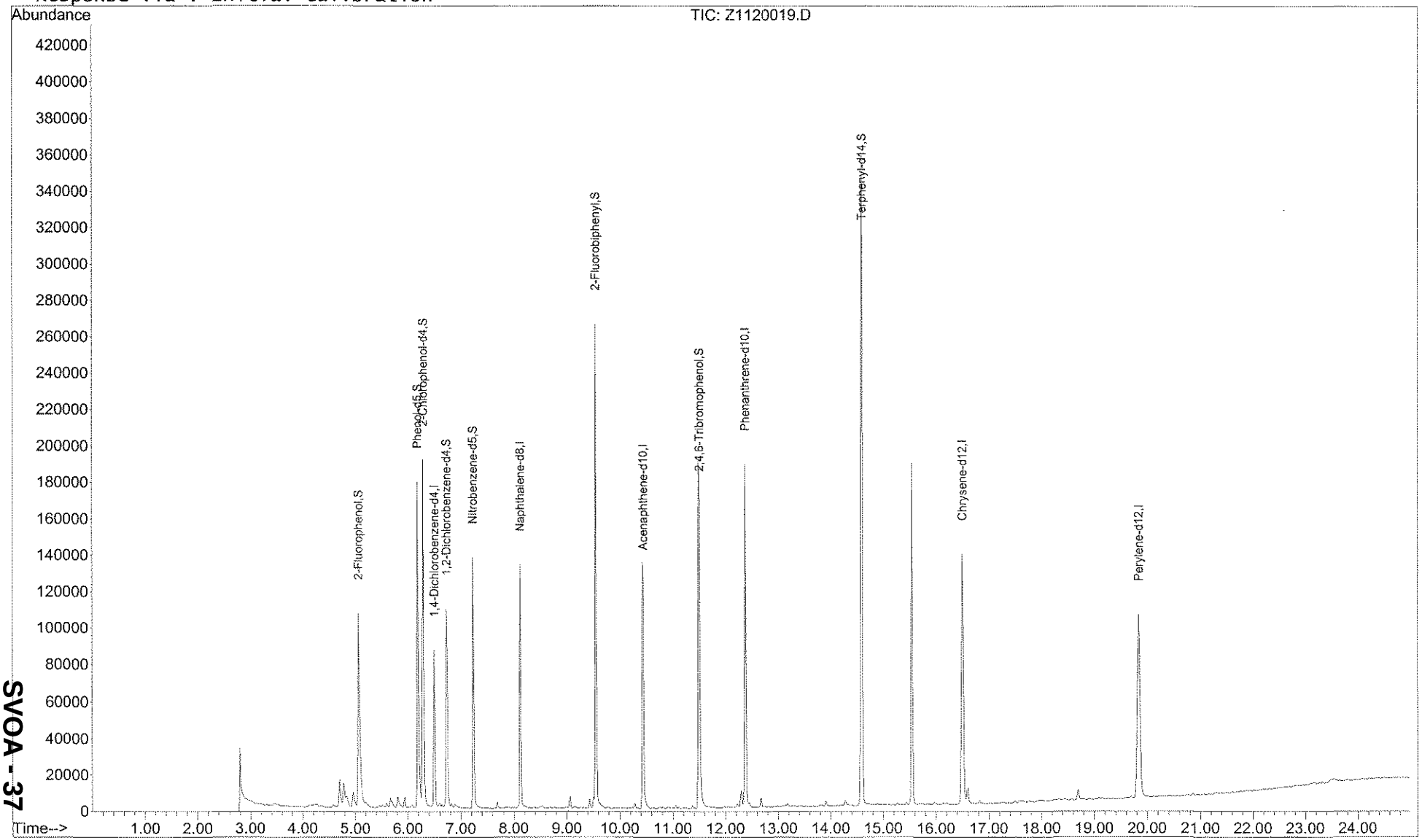
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120019.D Vial: 20
Acq On : 20 Nov 2006 19:45 Operator: LPM
Sample : JPL21-021 MW-19-2 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:45 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 2006
Response via : Initial Calibration



SVOA - 37

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120019.D Vial: 20
Acq On : 20 Nov 2006 19:45 Operator: LPM
Sample : JPL21-021 MW-19-2 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:45 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 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	23859	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	93195	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.44	164	61144	20.00	ng/ul	0.00 NA%
68) Phenanthrene-d10	12.37	188	117187	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.50	240	113033	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.84	264	105604	20.00	ng/ul	-0.02 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	65280	46.39	ng/ul	-0.02
Spiked Amount 75.000	Range 20 - 110		Recovery = 61.85%			
7) Phenol-d5	6.18	99	98323	51.53	ng/ul	-0.02
Spiked Amount 75.000	Range 10 - 115		Recovery = 68.71%			
11) 2-Chlorophenol-d4	6.29	132	87634	52.13	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 69.51%			
15) 1,2-Dichlorobenzene-d4	6.73	152	28681	28.25	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 56.50%			
25) Nitrobenzene-d5	7.23	82	61910	36.29	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 72.58%			
46) 2-Fluorobiphenyl	9.55	172	134072	35.42	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 70.84%			
72) 2,4,6-Tribromophenol	11.51	330	52738	60.96	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 81.28%			
85) Terphenyl-d14	14.59	244	259886	48.30	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 135		Recovery = 96.60%			
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	384	0.60	ng/ul#	44
3) N-nitrosodimethylamine	3.44	74	40	N.D.		
4) Pyridine	3.45	79	100	N.D.		
6) Benzaldehyde	5.95	77	65	N.D.		
8) Phenol	6.20	94	306	N.D.		
9) Aniline	6.20	93	29	N.D.		
10) Bis(2-Chloroethyl)ether	6.20	93	29	N.D.		
12) 2-Chlorophenol	6.30	128	25	N.D.		
13) 1,3-Dichlorobenzene	6.46	146	332	N.D.		
14) 1,4-Dichlorobenzene	6.46	146	332	N.D.		
16) Benzyl alcohol	6.73	108	210	N.D.		
17) 1,2-Dichlorobenzene	6.74	146	151	N.D.		
18) 2-Methylphenol	6.88	108	24	N.D.		
19) Bis(2-chloroisopropyl)ethe	6.82	45	2420	0.52	ng/ul	81
20) 3 & 4-Methylphenol	7.14	108	33	N.D.		
21) Acetophenone	7.06	105	37	N.D.		
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
23) Hexachloroethane	7.15	117	44	N.D.		
26) Nitrobenzene	7.23	77	288	N.D.		
27) Isophorone	7.64	82	50	N.D.		
28) 2-Nitrophenol	7.73	139	12	N.D.		

(#) = qualifier out of range (m) = manual integration
Z1120019.D Z8270M.M Tue Nov 21 22:45:03 2006

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120019.D Vial: 20
Acq On : 20 Nov 2006 19:45 Operator: LPM
Sample : JPL21-021 MW-19-2 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:45 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.74	107	13	N.D.	
30)	bis(2-Chloroethoxy)methane	7.80	93	42	N.D.	
31)	Benzoic acid	7.96	105	53	Below Cal #	46
32)	2,4-Dichlorophenol	7.93	162	14	N.D.	
33)	1,2,4-Trichlorobenzene	8.08	180	137	N.D.	
34)	Naphthalene	8.14	128	88	N.D.	
35)	4-Chloroaniline	8.28	127	13	N.D.	
36)	Hexachlorobutadiene	8.41	225	15	N.D.	
37)	Caprolactam	8.79	113	31	N.D.	
38)	4-Chloro-3-methylphenol	9.02	107	15	N.D.	
39)	2-Methylnaphthalene	0.00	142	0	N.D.	
41)	1-Methylnaphthalene	9.22	142	31	N.D.	
42)	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
43)	1,2,4,5-Tetrachlorobenzene	9.34	216	17	N.D.	
44)	2,4,6-Trichlorophenol	9.41	196	31	N.D.	
45)	2,4,5-Trichlorophenol	9.64	196	11	N.D.	
47)	1,1'-Biphenyl	9.67	154	461	N.D.	
48)	2-Chloronaphthalene	9.66	162	11	N.D.	
49)	2-Nitroaniline	9.88	65	28	N.D.	
50)	Dimethylphthalate	10.17	163	14	N.D.	
51)	1,4-Dinitrobenzene	0.00	168	0	N.D.	
52)	1,3-Dinitrobenzene	10.35	168	15	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.34	152	21	N.D.	
55)	1,2-Dinitrobenzene	10.35	168	15	N.D.	
56)	3-Nitroaniline	10.35	138	15	N.D.	
57)	Acenaphthene	10.47	153	15	N.D.	
58)	2,4-Dinitrophenol	10.60	184	12	3.83 ng/ul#	35
59)	4-Nitrophenol	10.73	109	25	1.59 ng/uL#	1
60)	Dibenzofuran	10.66	168	26	N.D.	
61)	2,4-Dinitrotoluene	10.81	165	15	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.85	232	12	N.D.	
63)	2,3,4,6-tetrachlorophenol	10.94	232	36	N.D.	
64)	Diethylphthalate	11.07	149	789	N.D.	
65)	Fluorene	11.25	166	28	N.D.	
66)	4-Chlorophenyl-phenylether	11.20	204	10	N.D.	
67)	4-Nitroaniline	11.31	138	15	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.37	198	13	N.D.	
70)	N-nitrosodiphenylamine	11.49	169	1434	N.D.	
71)	1,2-Diphenylhydrazine	11.37	77	108	N.D.	
73)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
74)	Hexachlorobenzene	0.00	284	0	N.D.	
75)	Atrazine	11.98	200	12	N.D.	
76)	Pentachlorophenol	12.20	266	13	N.D.	
77)	Phenanthrene	12.28	178	11	N.D.	
78)	Anthracene	12.28	178	11	N.D.	
79)	Carbazole	12.67	167	156	N.D.	
80)	Di-n-butylphthalate	13.17	149	1370	N.D.	
81)	Fluoranthene	14.04	202	61	N.D.	
83)	Benzidine	14.21	184	15	3.97 ng/ul	67
84)	Pyrene	14.37	202	61	N.D.	
86)	Butylbenzylphthalate	15.54	149	124	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	53818	11.91 ng/ul	97
88)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
89)	Benzo[a]anthracene	16.51	228	334	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120019.D Vial: 20
Acq On : 20 Nov 2006 19:45 Operator: LPM
Sample : JPL21-021 MW-19-2 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:45 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 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	5248	0.79 ng/ul	88
91)	Chrysene	16.51	228	334	N.D.	
93)	Di-n-octylphthalate	17.98	149	1947	N.D.	
94)	Benzo[b]fluoranthene	18.93	252	17	N.D.	
95)	Benzo[k]fluoranthene	18.99	252	39	N.D.	
96)	Benzo[a]pyrene	19.68	252	53	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.46	276	26	N.D.	
98)	Dibenz[a,h]anthracene	22.51	278	16	N.D.	
99)	Benzo[g,h,i]perylene	23.12	276	28	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-1

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

SDG No.: JPL21 Run Sequence: R012832

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL21-022

Sample wt/vol: 1010.0 (g/mL) mL Lab File ID: Z1120020.D

Level: (LOW/MED) _____ Date Collected: 10/31/2006

% Moisture: _____ Decanted: (Y/N) N Date Extracted: 11/06/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

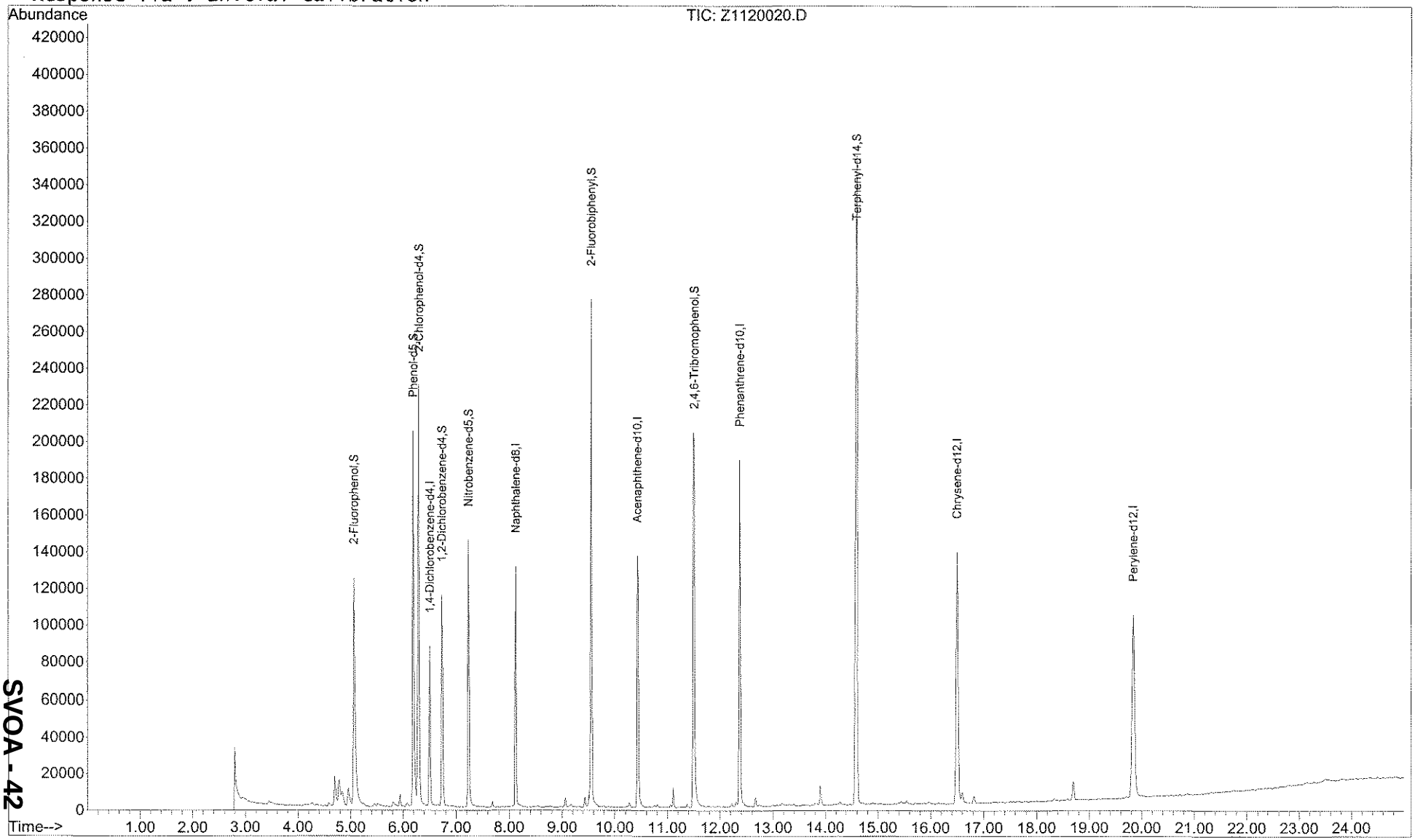
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120020.D Vial: 21
Acq On : 20 Nov 2006 20:20 Operator: LPM
Sample : JPL21-022 MW-19-1 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:45 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 2006
Response via : Initial Calibration



SVOA-42

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120020.D Vial: 21
Acq On : 20 Nov 2006 20:20 Operator: LPM
Sample : JPL21-022 MW-19-1 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:45 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 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	22814	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	93079	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.43	164	61245	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.37	188	117511	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.50	240	114443	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.84	264	105393	20.00	ng/ul	-0.02 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	77372	57.50	ng/ul	-0.02
Spiked Amount 75.000	Range 20 - 110		Recovery = 76.67%			
7) Phenol-d5	6.18	99	112241	61.52	ng/ul	-0.02
Spiked Amount 75.000	Range 10 - 115		Recovery = 82.03%			
11) 2-Chlorophenol-d4	6.29	132	100369	62.45	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 83.27%			
15) 1,2-Dichlorobenzene-d4	6.73	152	31304	32.24	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 64.48%			
25) Nitrobenzene-d5	7.23	82	68686	40.31	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 80.62%			
46) 2-Fluorobiphenyl	9.55	172	142543	37.60	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 75.20%			
72) 2,4,6-Tribromophenol	11.51	330	58517	67.45	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 89.93%			
85) Terphenyl-d14	14.58	244	263329	48.33	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 135		Recovery = 96.66%			
Target Compounds						Qvalue
2) 1,4-Dioxane	3.07	88	117	N.D.		
3) N-nitrosodimethylamine	3.45	74	69	N.D.		
4) Pyridine	3.42	79	15	N.D.		
6) Benzaldehyde	5.98	77	28	N.D.		
8) Phenol	6.20	94	321	N.D.		
9) Aniline	6.12	93	110	N.D.		
10) Bis(2-Chloroethyl)ether	6.21	93	36	N.D.		
12) 2-Chlorophenol	6.18	128	20	N.D.		
13) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
14) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
16) Benzyl alcohol	6.73	108	208	N.D.		
17) 1,2-Dichlorobenzene	6.93	146	14	N.D.		
18) 2-Methylphenol	6.96	108	38	N.D.		
19) Bis(2-chloroisopropyl)ethe	6.82	45	599	N.D.		
20) 3 & 4-Methylphenol	7.17	108	31	N.D.		
21) Acetophenone	7.05	105	54	N.D.		
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
23) Hexachloroethane	7.09	117	15	N.D.		
26) Nitrobenzene	7.23	77	349	N.D.		
27) Isophorone	7.61	82	314	N.D.		
28) 2-Nitrophenol	7.68	139	30	N.D.		

(#) = qualifier out of range (m) = manual integration
Z1120020.D Z8270M.M Tue Nov 21 22:45:19 2006

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120020.D Vial: 21
Acq On : 20 Nov 2006 20:20 Operator: LPM
Sample : JPL21-022 MW-19-1 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:45 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.71	107	19	N.D.	
30)	bis(2-Chloroethoxy)methane	7.87	93	21	N.D.	
31)	Benzoic acid	7.94	105	35	Below Cal #	54
32)	2,4-Dichlorophenol	7.94	162	13	N.D.	
33)	1,2,4-Trichlorobenzene	7.94	180	13	N.D.	
34)	Naphthalene	8.14	128	96	N.D.	
35)	4-Chloroaniline	8.26	127	14	N.D.	
36)	Hexachlorobutadiene	8.49	225	12	N.D.	
37)	Caprolactam	8.78	113	30	N.D.	
38)	4-Chloro-3-methylphenol	8.91	107	17	N.D.	
39)	2-Methylnaphthalene	9.05	142	25	N.D.	
41)	1-Methylnaphthalene	9.20	142	22	N.D.	
42)	Hexachlorocyclopentadiene	9.50	237	15	1.03 ng/ul#	30
43)	1,2,4,5-Tetrachlorobenzene	9.29	216	33	N.D.	
44)	2,4,6-Trichlorophenol	9.32	196	25	N.D.	
45)	2,4,5-Trichlorophenol	9.62	196	10	N.D.	
47)	1,1'-Biphenyl	9.67	154	434	N.D.	
48)	2-Chloronaphthalene	9.66	162	15	N.D.	
49)	2-Nitroaniline	9.88	65	95	N.D.	
50)	Dimethylphthalate	10.14	163	12	N.D.	
51)	1,4-Dinitrobenzene	10.11	168	9	N.D.	
52)	1,3-Dinitrobenzene	10.17	168	12	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.22	152	25	N.D.	
55)	1,2-Dinitrobenzene	10.35	168	20	N.D.	
56)	3-Nitroaniline	10.46	138	75	N.D.	
57)	Acenaphthene	10.40	153	11	N.D.	
58)	2,4-Dinitrophenol	10.37	184	14	3.84 ng/ul#	1
59)	4-Nitrophenol	10.76	109	14	1.57 ng/uL#	12
60)	Dibenzofuran	10.78	168	22	N.D.	
61)	2,4-Dinitrotoluene	10.73	165	10	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.84	232	15	N.D.	
63)	2,3,4,6-tetrachlorophenol	10.84	232	15	N.D.	
64)	Diethylphthalate	11.07	149	684	N.D.	
65)	Fluorene	11.20	166	47	N.D.	
66)	4-Chlorophenyl-phenylether	11.11	204	15	N.D.	
67)	4-Nitroaniline	11.14	138	17	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.17	198	15	N.D.	
70)	N-nitrosodiphenylamine	11.49	169	1584	N.D.	
71)	1,2-Diphenylhydrazine	11.31	77	96	N.D.	
73)	4-Bromophenyl-phenylether	11.69	248	12	N.D.	
74)	Hexachlorobenzene	0.00	284	0	N.D.	
75)	Atrazine	0.00	200	0	N.D.	
76)	Pentachlorophenol	12.42	266	11	N.D.	
77)	Phenanthrene	12.58	178	24	N.D.	
78)	Anthracene	12.58	178	24	N.D.	
79)	Carbazole	12.67	167	144	N.D.	
80)	Di-n-butylphthalate	13.17	149	1453	N.D.	
81)	Fluoranthene	14.11	202	15	N.D.	
83)	Benzidine	14.31	184	13	3.97 ng/ul	67
84)	Pyrene	14.36	202	45	N.D.	
86)	Butylbenzylphthalate	15.24	149	86	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	572	N.D.	
88)	3,3'-Dichlorobenzidine	16.25	252	18	N.D.	
89)	Benzo[a]anthracene	16.51	228	443	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120020.D Vial: 21
Acq On : 20 Nov 2006 20:20 Operator: LPM
Sample : JPL21-022 MW-19-1 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:45 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 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	2753	N.D.	
91)	Chrysene	16.51	228	443	N.D.	
93)	Di-n-octylphthalate	17.98	149	382	N.D.	
94)	Benzo[b]fluoranthene	18.97	252	44	N.D.	
95)	Benzo[k]fluoranthene	18.97	252	44	N.D.	
96)	Benzo[a]pyrene	19.68	252	30	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.58	276	24	N.D.	
98)	Dibenz[a,h]anthracene	22.57	278	20	N.D.	
99)	Benzo[g,h,i]perylene	23.16	276	68	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-4-10/31/06

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

SDG No.: JPL21 Run Sequence: R012832

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL21-023

Sample wt/vol: 1030.0 (g/mL) mL Lab File ID: Z1120021.D

Level: (LOW/MED) Date Collected: 10/31/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/06/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/20/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

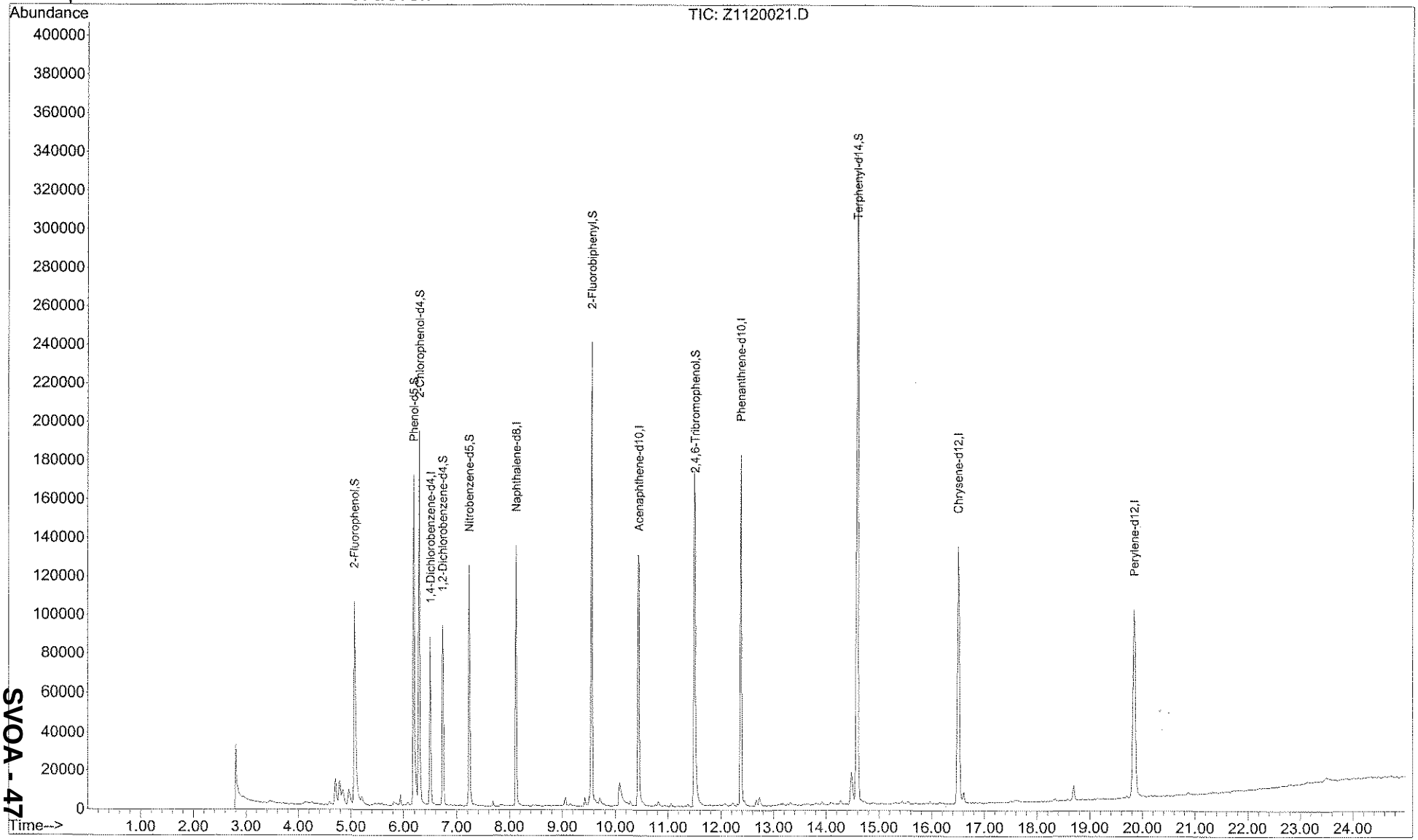
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120021.D Vial: 22
Acq On : 20 Nov 2006 20:56 Operator: LPM
Sample : JPL21-023 EB4-10/31/06 Inst : Zooey
Misc : 5970Z 1030ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:45 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 2006
Response via : Initial Calibration



SVOA-47

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120021.D Vial: 22
Acq On : 20 Nov 2006 20:56 Operator: LPM
Sample : JPL21-023 EB4-10/31/06 Inst : Zooey
Misc : 5970Z 1030ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:45 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 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	22417	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	91917	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.44	164	59738	20.00	ng/ul	0.00 NA%
68) Phenanthrene-d10	12.37	188	117515	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.50	240	111197	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.84	264	103367	20.00	ng/ul	-0.02 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	64850	49.05	ng/ul	-0.01
Spiked Amount 75.000	Range 20 - 110		Recovery = 65.40%			
7) Phenol-d5	6.18	99	96198	53.66	ng/ul	-0.02
Spiked Amount 75.000	Range 10 - 115		Recovery = 71.55%			
11) 2-Chlorophenol-d4	6.29	132	84677	53.62	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 71.49%			
15) 1,2-Dichlorobenzene-d4	6.73	152	26339	27.61	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 55.22%			
25) Nitrobenzene-d5	7.23	82	58199	34.59	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 69.18%			
46) 2-Fluorobiphenyl	9.55	172	121574	32.88	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 65.76%			
72) 2,4,6-Tribromophenol	11.51	330	47740	55.03	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 73.37%			
85) Terphenyl-d14	14.59	244	252024	47.61	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 135		Recovery = 95.22%			
Target Compounds						Qvalue
2) 1,4-Dioxane	3.00	88	313	0.52	ng/ul#	66
3) N-nitrosodimethylamine	3.44	74	58	N.D.		
4) Pyridine	3.44	79	21	N.D.		
6) Benzaldehyde	5.94	77	76	N.D.		
8) Phenol	6.20	94	349	N.D.		
9) Aniline	6.20	93	35	N.D.		
10) Bis(2-Chloroethyl)ether	6.20	93	35	N.D.		
12) 2-Chlorophenol	6.29	128	61	N.D.		
13) 1,3-Dichlorobenzene	6.46	146	45	N.D.		
14) 1,4-Dichlorobenzene	6.46	146	45	N.D.		
16) Benzyl alcohol	6.73	108	211	N.D.		
17) 1,2-Dichlorobenzene	6.73	146	17	N.D.		
18) 2-Methylphenol	6.86	108	15	N.D.		
19) Bis(2-chloroisopropyl)ethe	6.90	45	270	N.D.		
20) 3 & 4-Methylphenol	7.11	108	18	N.D.		
21) Acetophenone	7.08	105	197	N.D.		
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
23) Hexachloroethane	7.20	117	17	N.D.		
26) Nitrobenzene	7.32	77	55	N.D.		
27) Isophorone	7.59	82	92	N.D.		
28) 2-Nitrophenol	7.59	139	17	N.D.		

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120021.D Vial: 22
Acq On : 20 Nov 2006 20:56 Operator: LPM
Sample : JPL21-023 EB4-10/31/06 Inst : Zooey
Misc : 5970Z 1030ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:45 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29) 2,4-Dimethylphenol	7.82	107	15	N.D.	
30) bis(2-Chloroethoxy)methane	7.80	93	18	N.D.	
31) Benzoic acid	8.03	105	170	Below Cal #	69
32) 2,4-Dichlorophenol	7.94	162	12	N.D.	
33) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
34) Naphthalene	8.15	128	67	N.D.	
35) 4-Chloroaniline	8.28	127	14	N.D.	
36) Hexachlorobutadiene	0.00	225	0	N.D.	
37) Caprolactam	8.76	113	17	N.D.	
38) 4-Chloro-3-methylphenol	8.97	107	26	N.D.	
39) 2-Methylnaphthalene	9.08	142	64	N.D.	
41) 1-Methylnaphthalene	9.19	142	24	N.D.	
42) Hexachlorocyclopentadiene	9.23	237	20	1.03 ng/ul#	30
43) 1,2,4,5-Tetrachlorobenzene	9.19	216	16	N.D.	
44) 2,4,6-Trichlorophenol	0.00	196	0	N.D.	
45) 2,4,5-Trichlorophenol	9.66	196	11	N.D.	
47) 1,1'-Biphenyl	9.67	154	435	N.D.	
48) 2-Chloronaphthalene	9.67	162	15	N.D.	
49) 2-Nitroaniline	9.90	65	70	N.D.	
50) Dimethylphthalate	10.26	163	14	N.D.	
51) 1,4-Dinitrobenzene	9.91	168	15	N.D.	
52) 1,3-Dinitrobenzene	10.31	168	11	N.D.	
53) 2,6-Dinitrotoluene	0.00	165	0	N.D.	
54) Acenaphthylene	10.31	152	16	N.D.	
55) 1,2-Dinitrobenzene	10.31	168	11	N.D.	
56) 3-Nitroaniline	10.44	138	33	N.D.	
57) Acenaphthene	10.44	153	19	N.D.	
58) 2,4-Dinitrophenol	10.64	184	12	3.83 ng/ul#	35
59) 4-Nitrophenol	10.81	109	62	1.66 ng/uL#	37
60) Dibenzofuran	10.70	168	54	N.D.	
61) 2,4-Dinitrotoluene	10.75	165	10	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	11.07	149	987	N.D.	
65) Fluorene	11.14	166	53	N.D.	
66) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
67) 4-Nitroaniline	11.20	138	31	N.D.	
69) 4,6-Dinitro-2-methylphenol	11.28	198	11	N.D.	
70) N-nitrosodiphenylamine	11.49	169	1327	N.D.	
71) 1,2-Diphenylhydrazine	11.29	77	54	N.D.	
73) 4-Bromophenyl-phenylether	11.84	248	12	N.D.	
74) Hexachlorobenzene	0.00	284	0	N.D.	
75) Atrazine	12.05	200	13	N.D.	
76) Pentachlorophenol	12.48	266	22	N.D.	
77) Phenanthrene	12.23	178	18	N.D.	
78) Anthracene	12.37	178	105	N.D.	
79) Carbazole	12.67	167	84	N.D.	
80) Di-n-butylphthalate	13.17	149	1305	N.D.	
81) Fluoranthene	14.04	202	41	N.D.	
83) Benzidine	14.04	184	15	3.97 ng/ul	67
84) Pyrene	14.37	202	54	N.D.	
86) Butylbenzylphthalate	15.43	149	284	N.D.	
87) Bis(2-ethylhexyl)adipate	15.54	129	381	N.D.	
88) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
89) Benzo[a]anthracene	16.50	228	338	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112006\Z1120021.D Vial: 22
Acq On : 20 Nov 2006 20:56 Operator: LPM
Sample : JPL21-023 EB4-10/31/06 Inst : Zooey
Misc : 5970Z 1030ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 21 22:45 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Tue Nov 21 22:42:26 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	2533	N.D.	
91)	Chrysene	16.50	228	338	N.D.	
93)	Di-n-octylphthalate	17.97	149	224	N.D.	
94)	Benzo[b]fluoranthene	18.94	252	20	N.D.	
95)	Benzo[k]fluoranthene	18.94	252	20	N.D.	
96)	Benzo[a]pyrene	19.84	252	487	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.58	276	50	N.D.	
98)	Dibenz[a,h]anthracene	22.60	278	18	N.D.	
99)	Benzo[g,h,i]perylene	23.19	276	20	N.D.	

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

Sample Results

JPL21

Ordnance by Method 8330

1

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-5

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

SDG No.: JPL21 Run Sequence: R012887

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL21-015

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: OB100628.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 10/30/2006

Extraction: (Type) SPE Date Extracted: 11/06/2006

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

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\OB1006.b\OB100628.D

Page 1

Date : 11-NOV-2006 01:50

Client ID: MW-19-5

Instrument: Oscar.i

Sample Info: JPL21-015

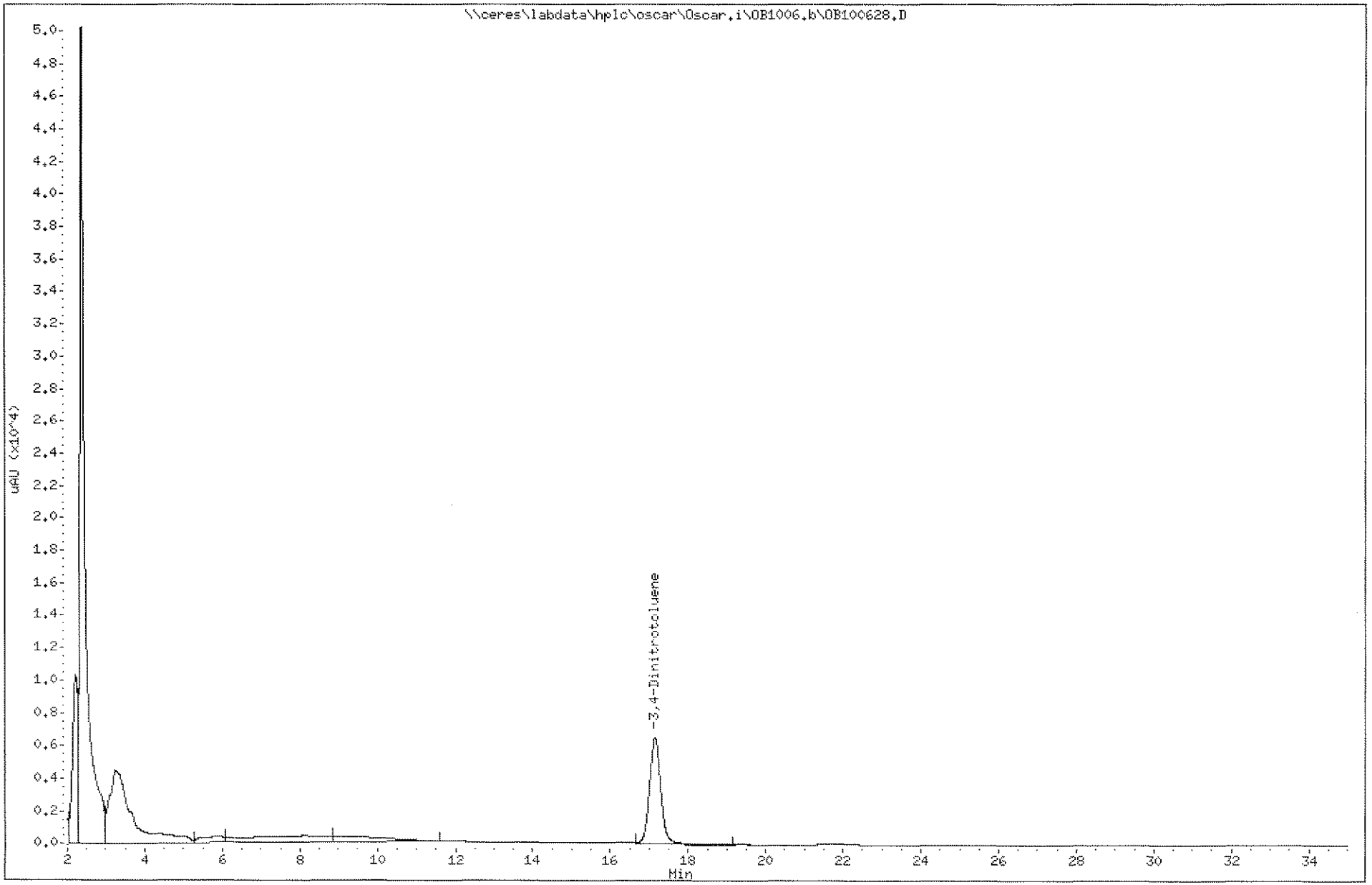
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 7



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1006.b/OB100628.D
Injection Date : 11-NOV-2006 01:50
Sample Info : JPL21-015
Misc. Info : Method 8330
Laboratory ID : JPL21-015
Instrument ID : Oscar.i
Method : 8330Nov08.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : C18
Client ID : MW-19-5
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: 1000 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	1.87		2673		
	2.22		10317		
	2.38		49672		
	3.26		4461		
	5.86		412		
	9.10		340		
3,4-Dinitrotoluene	17.15	16.90 - 17.40	6480	831.96	8.32

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-19-4

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

SDG No.: JPL21 Run Sequence: R012887

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL21-016

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: OB100629.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 10/30/2006

Extraction: (Type) SPE Date Extracted: 11/06/2006

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

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

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

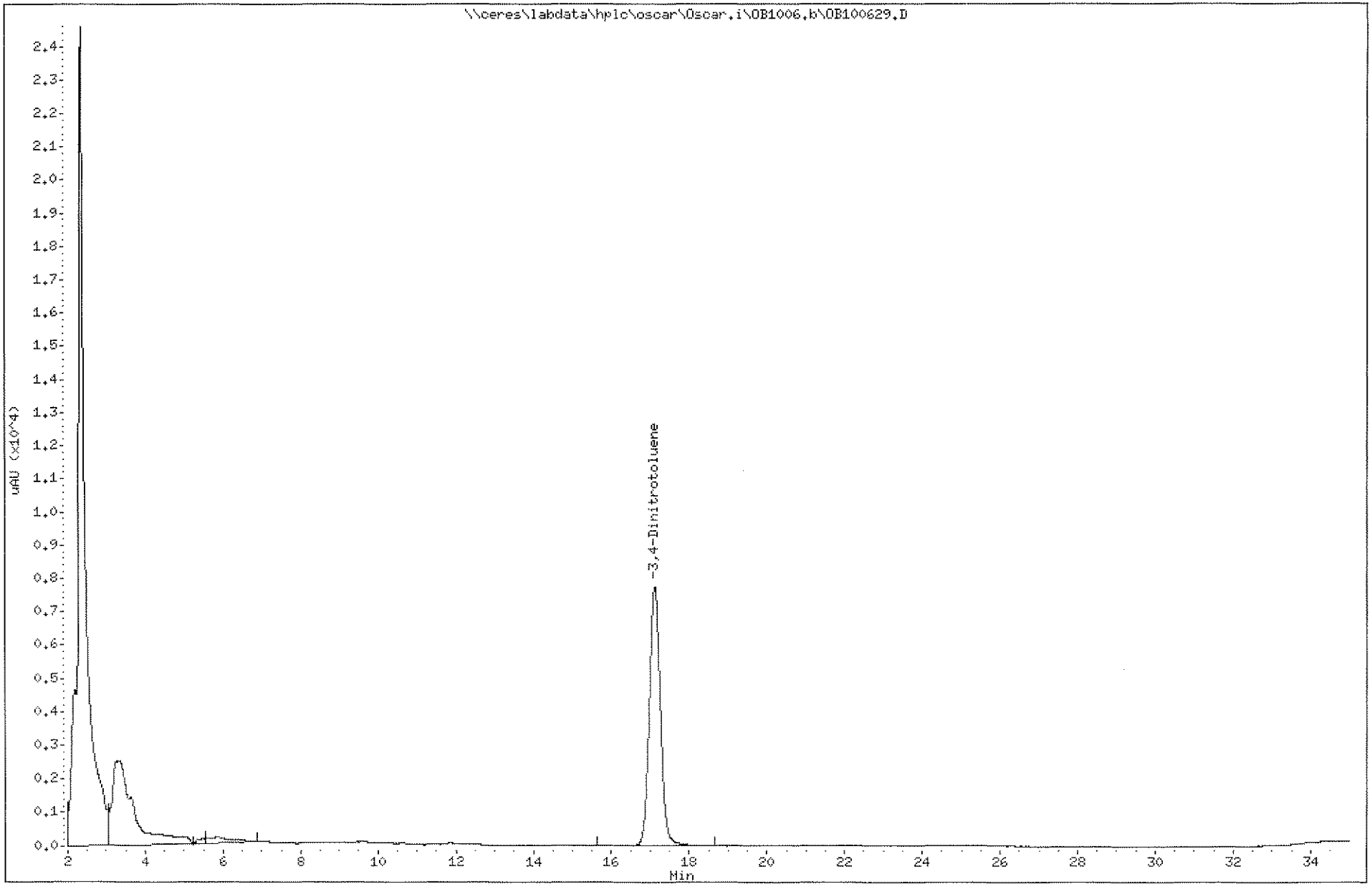
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.50	U
121-82-4	RDX	0.50	U
99-35-4	1,3,5-Trinitrobenzene	0.50	U
99-65-0	1,3-Dinitrobenzene	0.50	U
98-95-3	Nitrobenzene	0.50	U
479-45-8	Tetryl	0.50	U
118-96-7	2,4,6-Trinitrotoluene	0.50	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.50	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\OB1006.b\OB100629.D
Date : 11-NOV-2006 02:27
Client ID: MW-19-4
Sample Info: JPL21-016
Volume Injected (uL): 50.0
Column phase: C18

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

ORD - 10



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1006.b/OB100629.D
Injection Date : 11-NOV-2006 02:27
Sample Info : JPL21-016
Misc. Info : Method 8330
Laboratory ID : JPL21-016
Instrument ID : Oscar.i
Method : 8330Nov08.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : C18
Client ID : MW-19-4
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: 1000 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	1.88		1576		
	2.35		24668		
	3.34		2533		
	5.48		153		
	5.85		183		
3,4-Dinitrotoluene	17.12	16.90 - 17.40	7749	994.88	9.95

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-19-3

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

SDG No.: JPL21 Run Sequence: R012887

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL21-017

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: OB100630.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 10/30/2006

Extraction: (Type) SPE Date Extracted: 11/06/2006

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

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\OB1006.b\OB100630.D

Date : 11-NOV-2006 03:04

Client ID: MW-19-3

Instrument: Oscar.i

Sample Info: JPL21-017

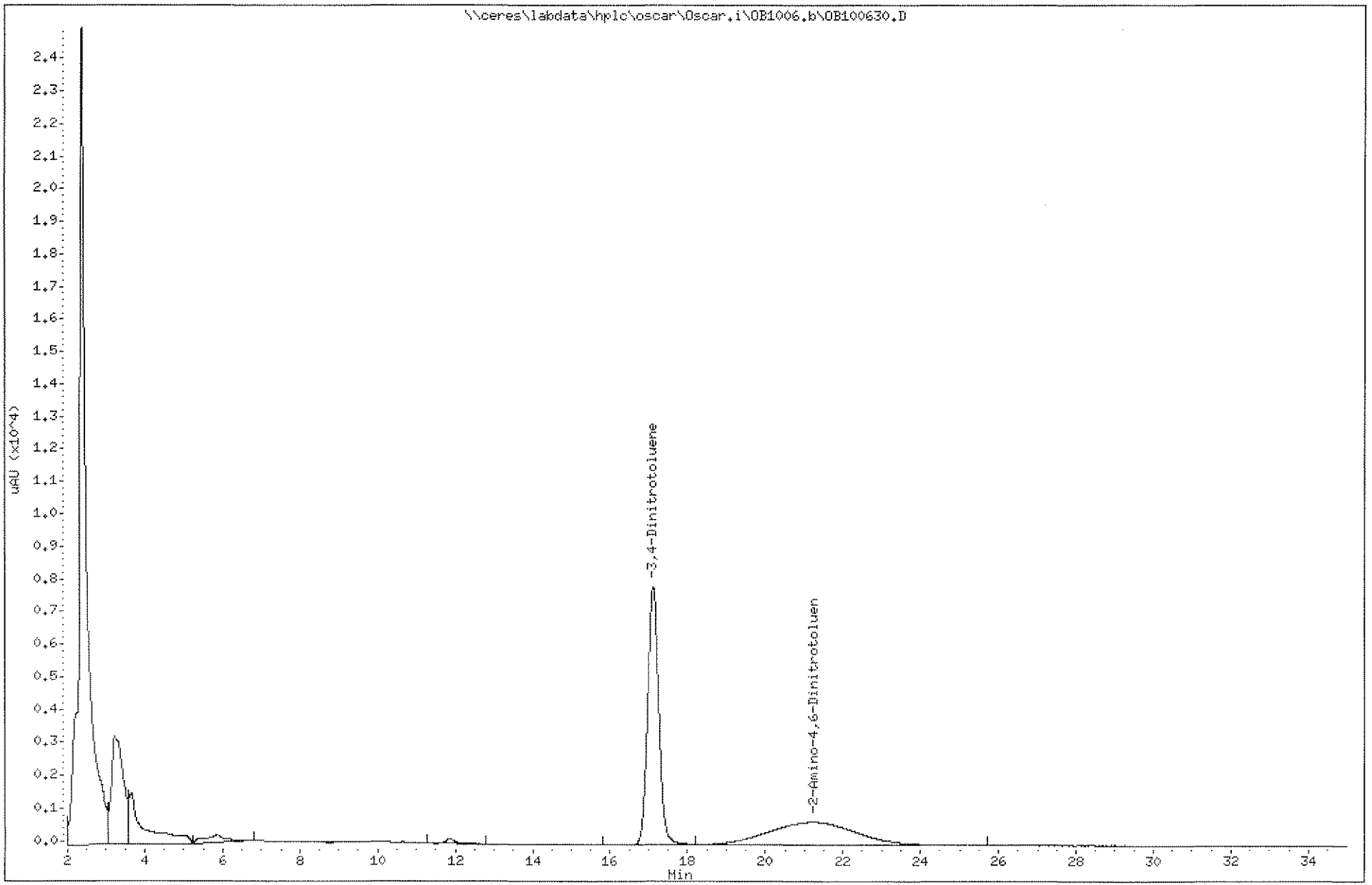
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 13



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1006.b/OB100630.D
Injection Date : 11-NOV-2006 03:04
Sample Info : JPL21-017
Misc. Info : Method 8330
Laboratory ID : JPL21-017
Instrument ID : Oscar.i
Method : 8330Nov08.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : C18

Client ID : MW-19-3
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: 1000 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Concentrations Final ug/L
	1.86		1064		
	2.38		24886		
	3.23		3294		
	3.66		1567		
	5.86		221		
3,4-Dinitrotoluene	17.12	16.90 - 17.40	7891	1013.1	10.1
2-Amino-4,6-Dinitrotoluene	21.26	21.13 - 21.73	713	69.559	0.696

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

Data File: \\oeres\labdata\hplc\felix\Felix.i\FB1406.b\FB140607.D

Date : 14-NOV-2006 14:11

Client ID: MW-19-3

Instrument: Felix.i

Sample Info: JPL21-017 METHOD 8330

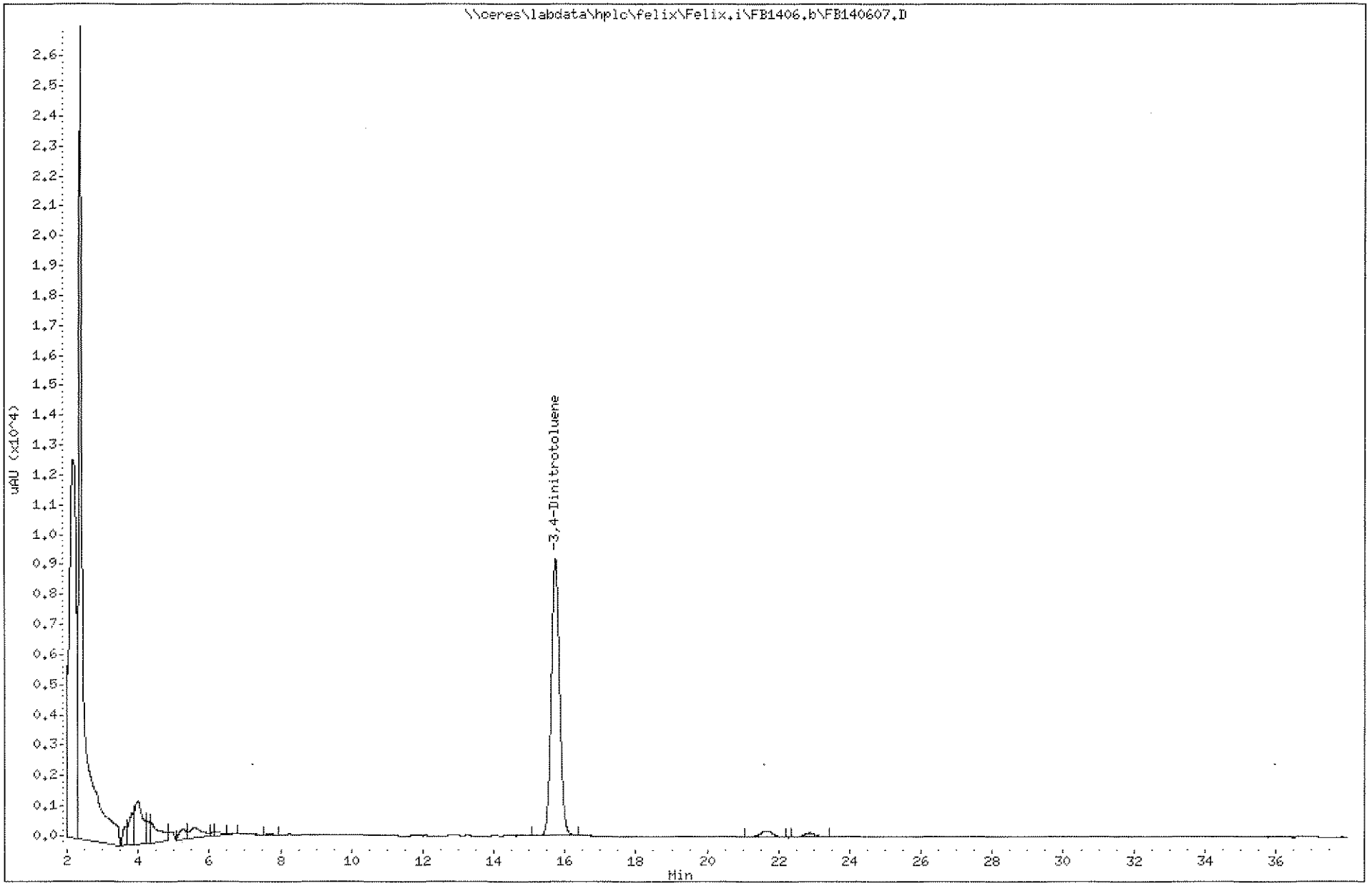
Volume Injected (uL): 50.0

Operator: ap

Column phase: EtPh

Column diameter: 4.60

ORD - 15



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FB1406.b/FB140607.D
Injection Date : 14-NOV-2006 14:11
Sample Info : JPL21-017 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL21-017 Client ID : MW-19-3
Instrument ID : Felix.i Operator : ap
Method : 050806syn.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	Final ug/L
	1.92		7687		
	2.18		12604		
	2.38		27120		
	3.64		618		
	3.83		1054		
	3.99		1450		
	4.26		753		
	4.36		660		
	5.26		322		
	5.57		335		
	6.10		123		
	6.24		106		
	6.60		37		
3,4-Dinitrotoluene	15.73	15.40 - 15.90	9166	1101.5	11.0
	21.65		219		
	22.87		130		

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-3-10/30/06

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

SDG No.: JPL21 Run Sequence: R012887

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL21-018

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: OB100633.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 10/30/2006

Extraction: (Type) SPE Date Extracted: 11/06/2006

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

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\OB1006.b\OB100633.D

Page 1

Date : 11-NOV-2006 04:55

Client ID: EB-3-10/30/06

Instrument: Oscar.i

Sample Info: JPL21-018

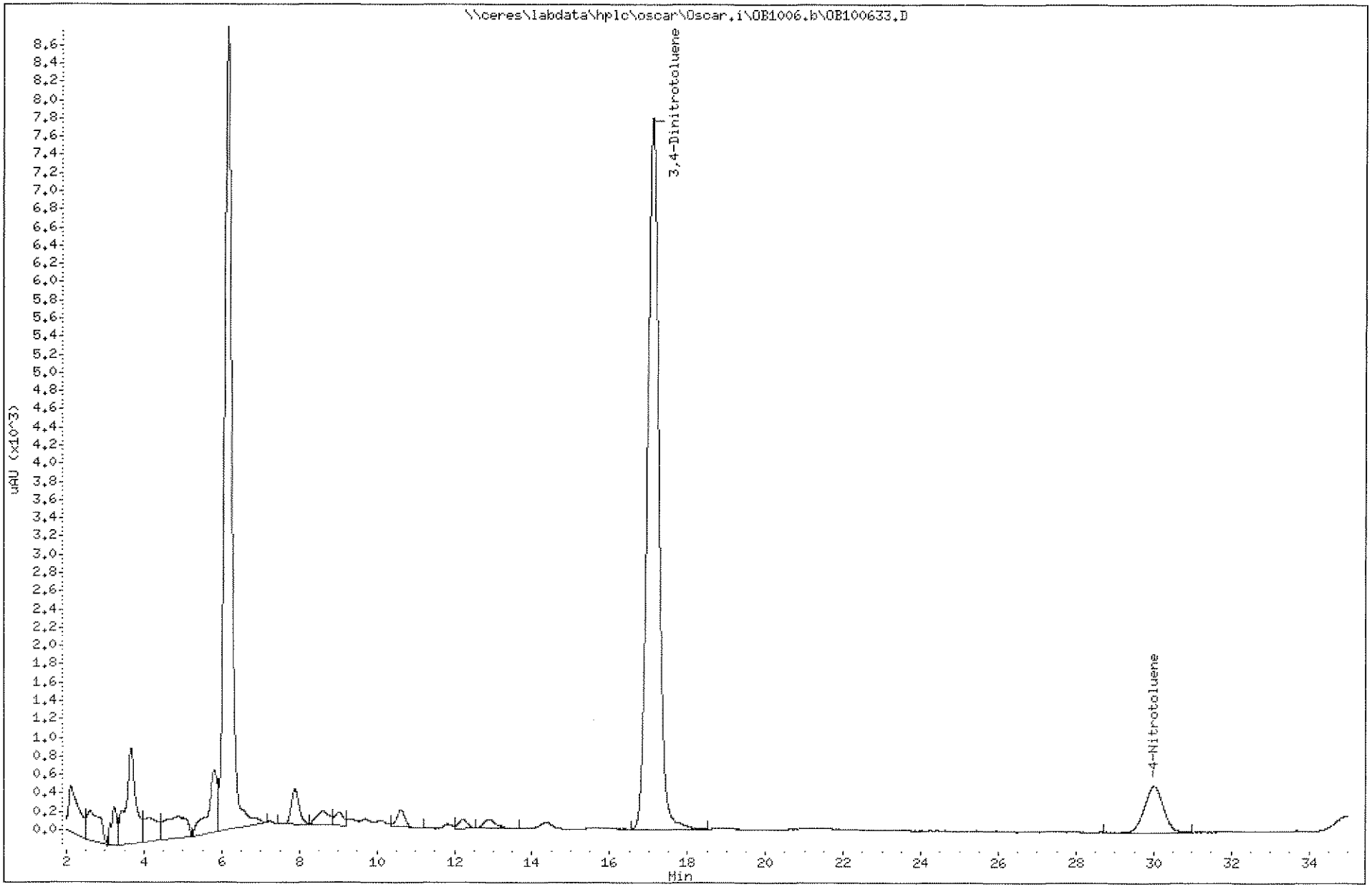
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 18



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1006.b/OB100633.D
Injection Date : 11-NOV-2006 04:55
Sample Info : JPL21-018
Misc. Info : Method 8330
Laboratory ID : JPL21-018
Instrument ID : Oscar.i
Method : 8330Nov08.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : C18
Client ID : EB-3-10/30/06
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: 1000 ml
InjectionVol: 50.00 ul

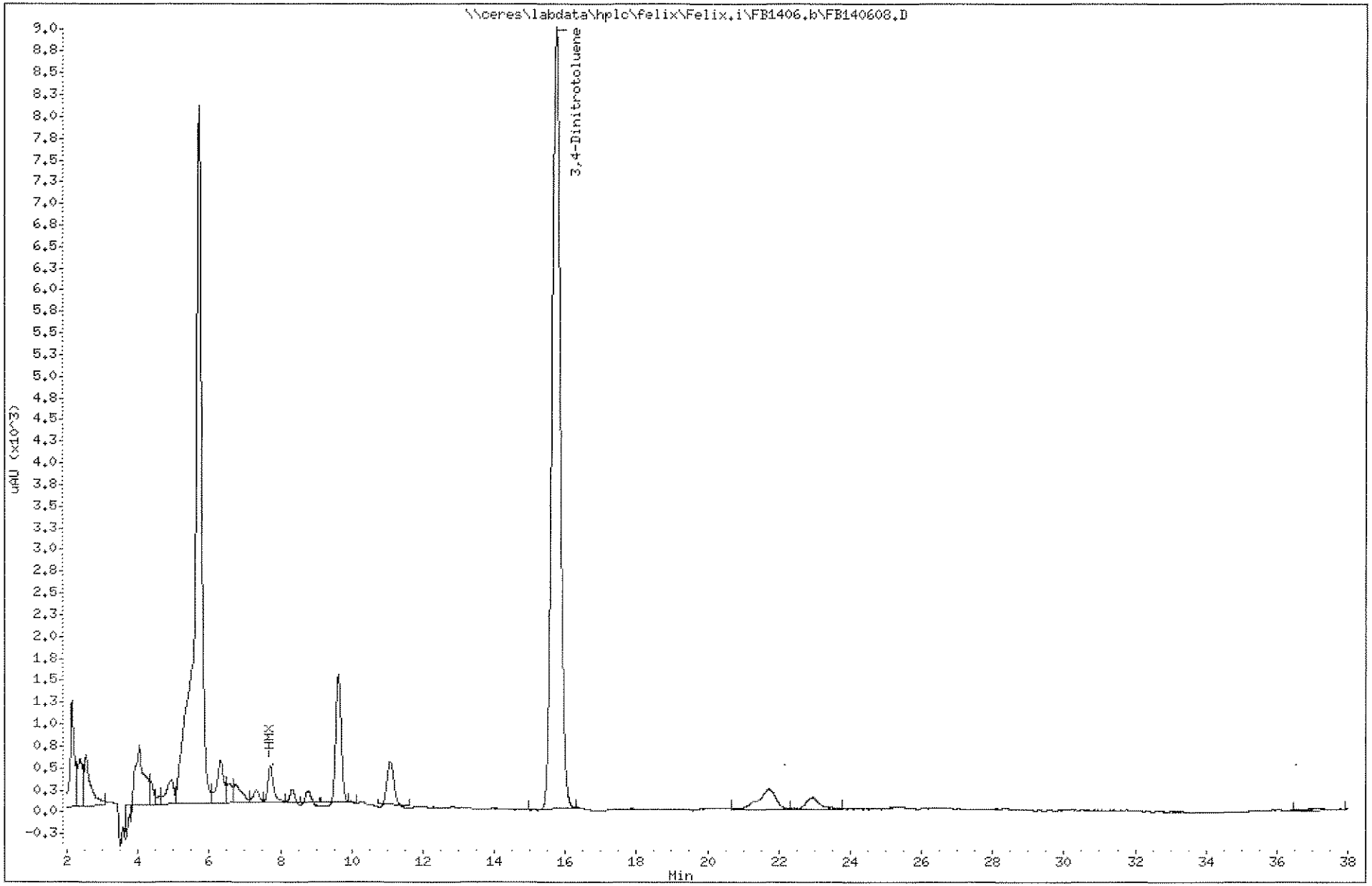
Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	2.12		549		
	2.61		330		
	3.24		420		
	3.67		1037		
	4.15		260		
	5.80		672		
	6.15		8787		
	8.60		148		
	9.03		143		
	10.62		192		
	12.22		98		
	12.89		101		
3,4-Dinitrotoluene	17.09	16.90 - 17.40	7796	1000.9	10.0
4-Nitrotoluene	30.01	29.68 - 30.48	502	147.75	1.48

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

ORD - 20

Data File: \\ceres\labdata\hplc\felix\Felix.i\FB1406.b\FB140608.D
Date : 14-NOV-2006 14:51
Client ID: EB-3-10/30/06
Sample Info: JPL21-018 METHOD 8330
Volume Injected (uL): 50.0
Column phase: EtPh

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



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FB1406.b/FB140608.D
Injection Date : 14-NOV-2006 14:51
Sample Info : JPL21-018 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL21-018
Client ID : EB-3-10/30/06
Instrument ID : Felix.i
Operator : ap
Method : 050806syn.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	Final ug/L
	2.14		1208		
	2.37		533		
	2.53		583		
	3.76		113		
	4.04		677		
	4.36		258		
	4.61		89		
	4.94		268		
	5.71		8022		
	6.32		484		
	6.56		213		
	6.75		209		
	7.33		144		
HMX	7.71	7.35 - 7.85	403	51.668	0.517
	8.33		150		
	8.77		125		
	9.62		1461		
	11.08		488		
3,4-Dinitrotoluene	15.73	15.40 - 15.90	8978	1078.9	10.8
	21.72		231		
	22.96		129		
	37.08		23		

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-19-2

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

SDG No.: JPL21 Run Sequence: R012887

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL21-021

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: OB100634.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 10/31/2006

Extraction: (Type) SPE Date Extracted: 11/06/2006

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

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

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

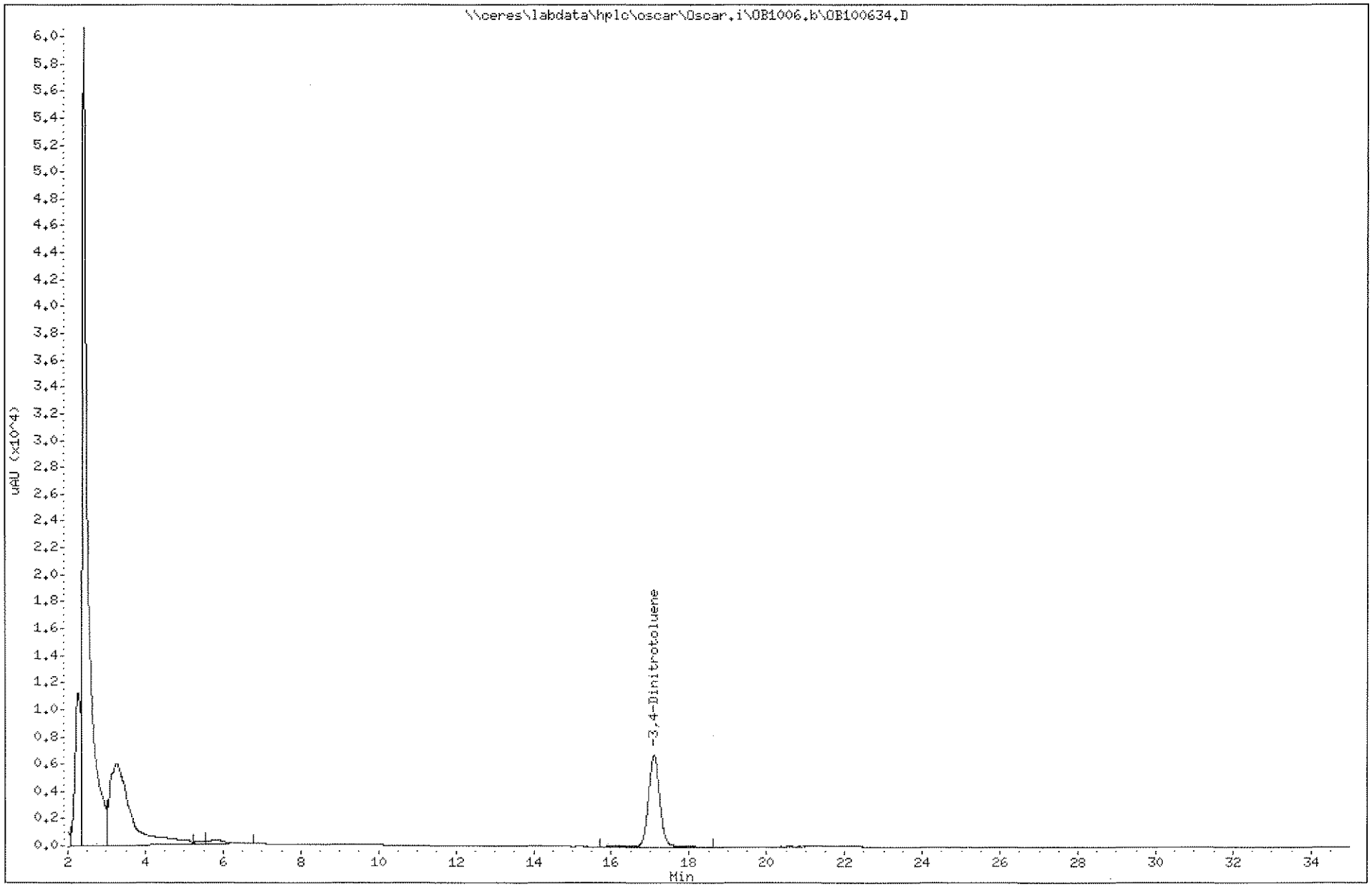
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.50	U
121-82-4	RDX	0.50	U
99-35-4	1,3,5-Trinitrobenzene	0.50	U
99-65-0	1,3-Dinitrobenzene	0.50	U
98-95-3	Nitrobenzene	0.50	U
479-45-8	Tetryl	0.50	U
118-96-7	2,4,6-Trinitrotoluene	0.50	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.50	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 - 23

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB1006.b\OB100634.D
Date : 11-NOV-2006 05:32
Client ID: MW-19-2
Sample Info: JPL21-021
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/OB1006.b/OB100634.D
Injection Date : 11-NOV-2006 05:32
Sample Info : JPL21-021
Misc. Info : Method 8330
Laboratory ID : JPL21-021
Instrument ID : Oscar.i
Method : 8330Nov08.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : C18

Client ID : MW-19-2
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: 1000 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	1.86		2161		
	2.27		11299		
	2.42		60863		
	3.26		6038		
	5.38		230		
	5.84		315		
3,4-Dinitrotoluene	17.10	16.90 - 17.40	6760	867.91	8.68

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-19-1

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

SDG No.: JPL21 Run Sequence: R012887

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL21-022

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: OB100635.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 10/31/2006

Extraction: (Type) SPE Date Extracted: 11/06/2006

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

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\OB1006.b\OB100635.D

Page 1

Date : 11-NOV-2006 06:09

Client ID: MW-19-1

Instrument: Oscar.i

Sample Info: JPL21-022

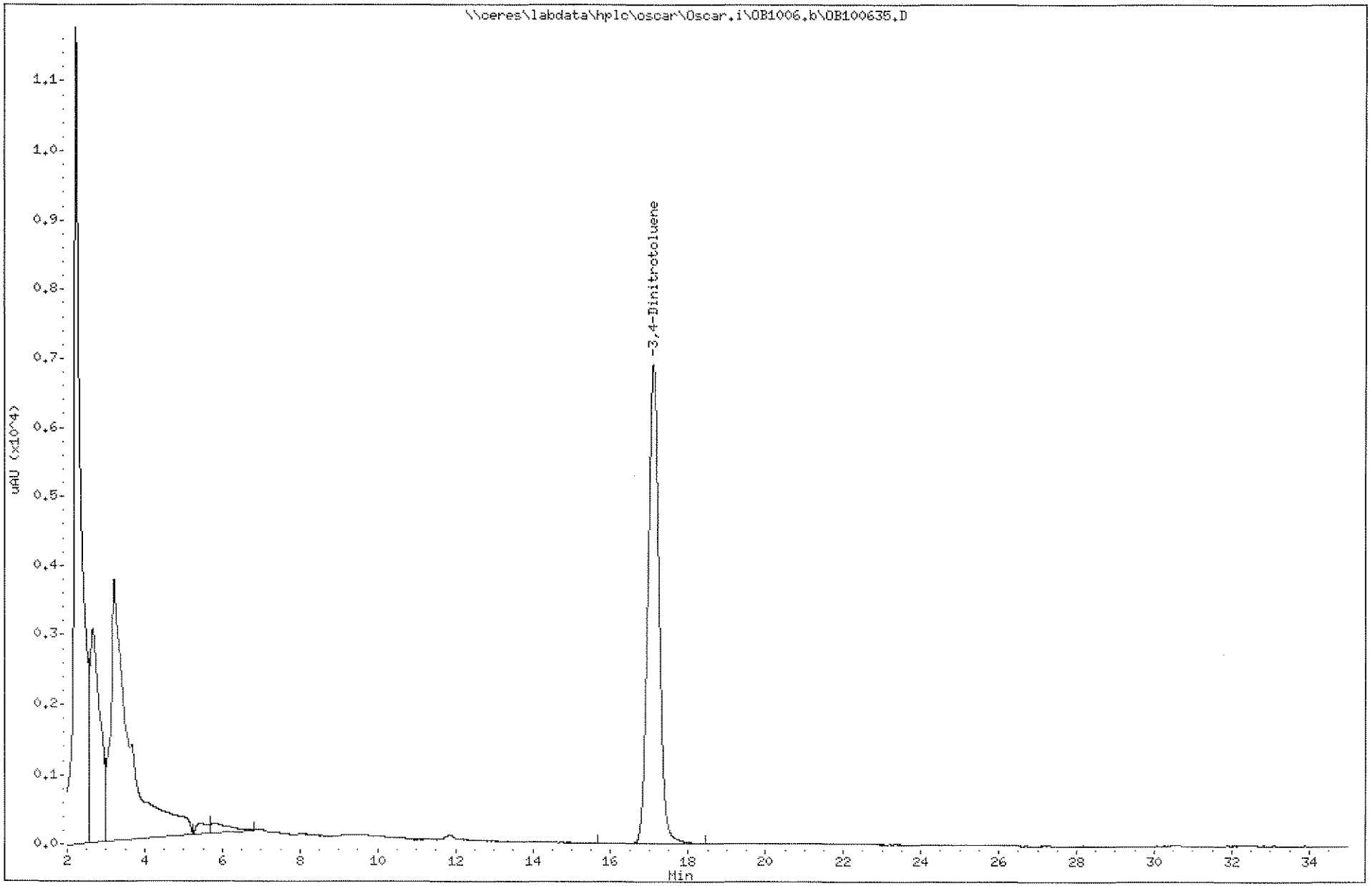
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 26



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1006.b/OB100635.D
Injection Date : 11-NOV-2006 06:09
Sample Info : JPL21-022
Misc. Info : Method 8330
Laboratory ID : JPL21-022
Instrument ID : Oscar.i
Method : 8330Nov08.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : C18
Client ID : MW-19-1
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: 1000 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	2.23		11729		
	2.66		3055		
	3.21		3726		
	5.46		140		
	5.85		129		
3,4-Dinitrotoluene	17.10	16.90 - 17.40	6907	886.78	8.87

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-4-10/31/06

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

SDG No.: JPL21 Run Sequence: R012887

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL21-023

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: OB100636.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 10/31/2006

Extraction: (Type) SPE Date Extracted: 11/06/2006

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

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\OB1006.b\OB100636.D

Date : 11-NOV-2006 06:46

Client ID: EB-4-10/31/06

Instrument: Oscar.i

Sample Info: JPL21-023

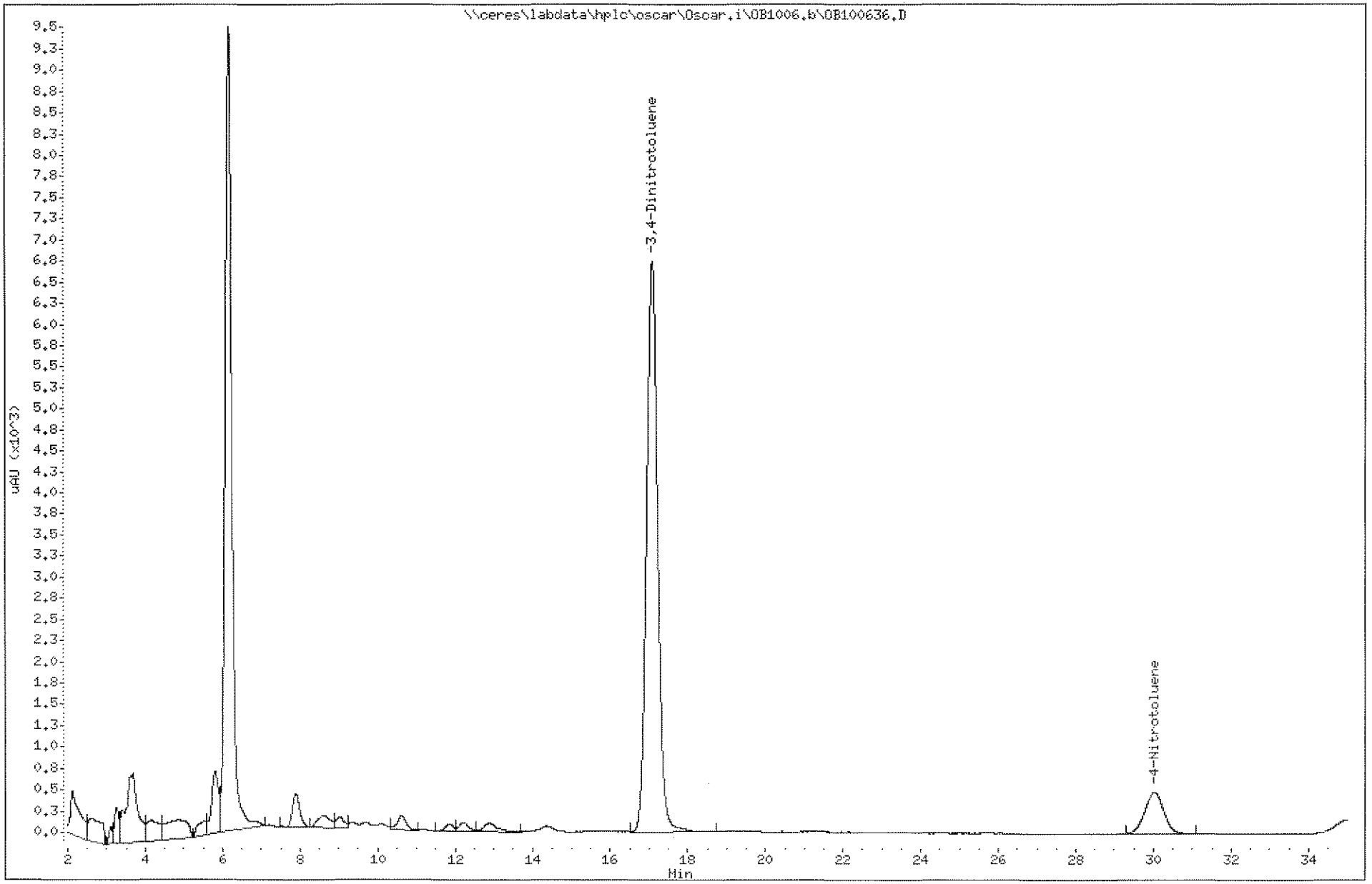
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 29



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1006.b/OB100636.D
Injection Date : 11-NOV-2006 06:46
Sample Info : JPL21-023
Misc. Info : Method 8330
Laboratory ID : JPL21-023
Instrument ID : Oscar.i
Method : 8330Nov08.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : C18

Client ID : EB-4-10/31/06
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: 1000 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Concentrations Final ug/L
	2.13		534		
	2.61		267		
	3.10		208		
	3.25		428		
	3.67		816		
	4.15		239		
	5.54		168		
	5.81		726		
	6.15		9491		
	8.61		144		
	9.02		136		
	10.62		171		
	12.21		104		
	12.88		100		
3,4-Dinitrotoluene	17.07	16.90 - 17.40	6742	865.60	8.66
4-Nitrotoluene	30.03	29.68 - 30.48	486	143.04	1.43

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\FB1406.b\FB140609.D

Page 1

Date : 14-NOV-2006 15:31

Client ID: EB-4-10/31/06

Instrument: Felix.i

Sample Info: JPL21-023 METHOD 8330

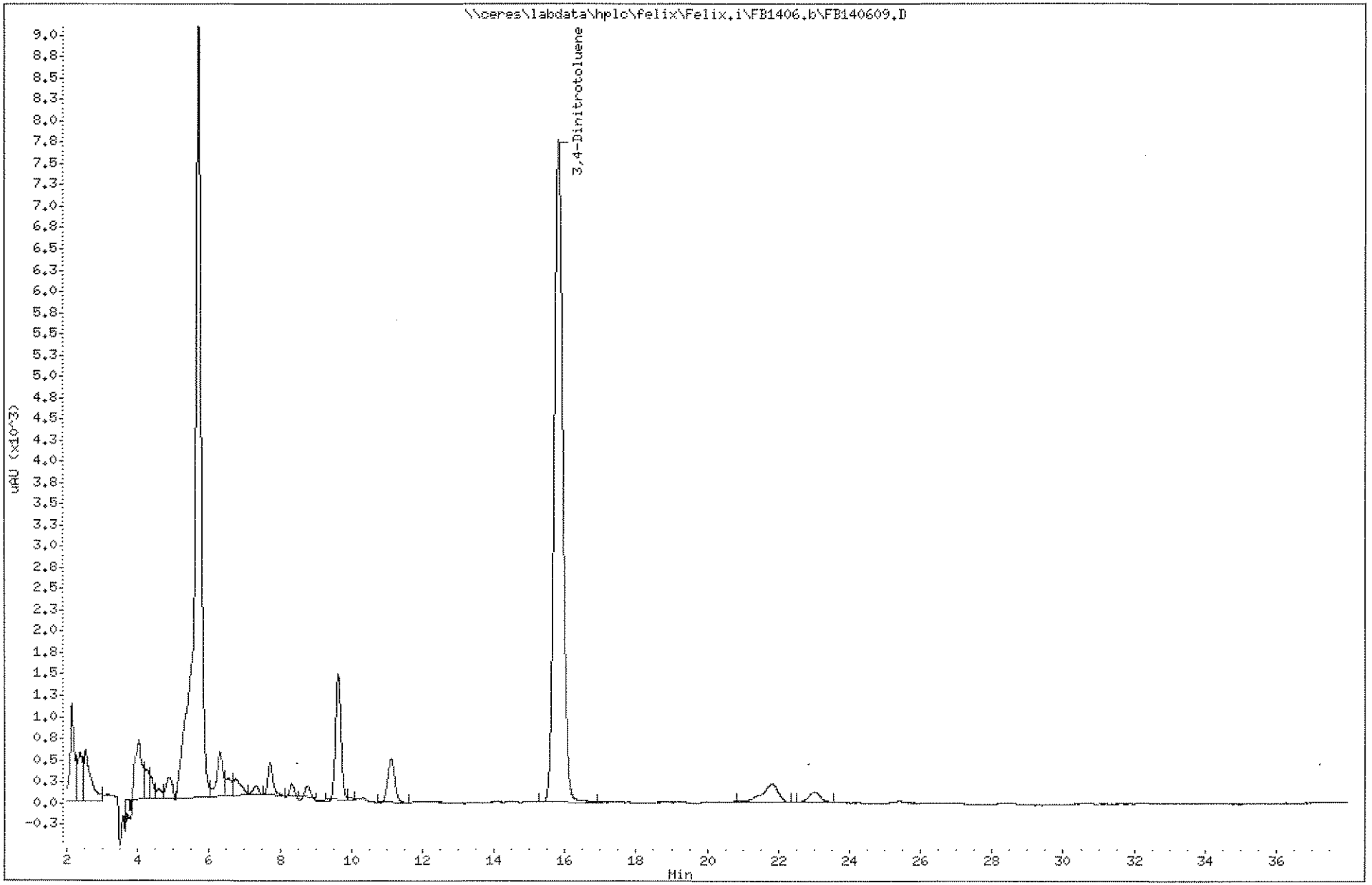
Volume Injected (uL): 50.0

Operator: ap

Column phase: EtPh

Column diameter: 4.60

ORD - 31



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FB1406.b/FB140609.D
Injection Date : 14-NOV-2006 15:31
Sample Info : JPL21-023 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL21-023
Client ID : EB-4-10/31/06
Instrument ID : Felix.i
Operator : ap
Method : 050806syn.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		1137		
	2.37		570		
	2.53		607		
	3.70		164		
	3.77		213		
	4.03		678		
	4.25		341		
	4.36		270		
	4.58		108		
	4.88		245		
	5.70		9033		
	6.31		514		
	6.54		206		
	6.75		203		
	7.33		108		
	8.33		140		
	8.77		129		
	9.63		1454		
	11.12		499		
3,4-Dinitrotoluene	15.81	15.40 - 15.90	7768	933.52	9.34
	21.83		208		
	23.01		118		

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

Metals Data

JPL21

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

SOW No.:

Sample No.	Lab Sample ID
MW-20-5	JPL21-001
MW-20-4	JPL21-002
MW-20-3	JPL21-003
MW-20-2	JPL21-004
MW-20-1	JPL21-005
EB-2-10/27/06	JPL21-006
MW-21-5	JPL21-008
MW-21-4	JPL21-009
MW-21-3	JPL21-010
MW-21-2	JPL21-011
MW-21-1	JPL21-012
MW-21-1D	JPL21-012D
MW-21-1MS	JPL21-012MS
EB-1-10/26/06	JPL21-013
MW-19-5	JPL21-015
MW-19-4	JPL21-016
MW-19-3	JPL21-017
EB-3-10/30/06	JPL21-018
MW-17-5	JPL21-020
MW-19-2	JPL21-021
MW-19-1	JPL21-022

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: John M. Phillips Name: JOHN M. PHILLIPS

Date: 11/27/06 Title: CHEMIST

MET - 2

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

SOW No.:

Sample No.	Lab Sample ID
EB-4-10/31/06	JPL21-023

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

Comments:

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

Signature: [signature] Name: JOHN M. PHILLIPS

Date: 11/27/06 Title: CHEMIST

MET - 3

Metals Analysis Data Sheets

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-20-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-001

Level (low/med): LOW Date Received: 10/28/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U			R012799

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-20-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-002

Level (low/med): LOW Date Received: 10/28/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U			R012799

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-20-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-003

Level (low/med): LOW Date Received: 10/28/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.70				R012799

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-20-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-004

Level (low/med): LOW Date Received: 10/28/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U			R012799

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-20-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-005

Level (low/med): LOW Date Received: 10/28/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U			R012799

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-2-10/27/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-006

Level (low/med): LOW Date Received: 10/28/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U			R012799

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-21-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-008

Level (low/med): LOW Date Received: 10/30/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.77				R012799

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-21-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-009

Level (low/med): LOW Date Received: 10/30/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.51				R012799

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-21-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-010

Level (low/med): LOW Date Received: 10/30/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.06				R012799

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-21-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-011

Level (low/med): LOW Date Received: 10/30/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U			R012799

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-21-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-012

Level (low/med): LOW Date Received: 10/30/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.33				R012799

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-1-10/26/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-013

Level (low/med): LOW Date Received: 10/30/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U			R012799

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-19-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-015

Level (low/med): LOW Date Received: 10/31/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U			R012799

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-19-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-016

Level (low/med): LOW Date Received: 10/31/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.61				R012799

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-19-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-017

Level (low/med): LOW Date Received: 10/31/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.61				R012799
7440-31-5	Tin	10.0	U			R012799

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-3-10/30/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-018

Level (low/med): LOW Date Received: 10/31/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U			R012799
7440-31-5	Tin	10.0	U			R012799

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-17-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-020

Level (low/med): LOW Date Received: 11/01/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U			R012799
7440-31-5	Tin	10.0	U			R012799

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-19-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-021

Level (low/med): LOW Date Received: 11/01/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.93				R012799
7440-31-5	Tin	10.0	U			R012799

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-19-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-022

Level (low/med): LOW Date Received: 11/01/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U			R012799
7440-31-5	Tin	10.0	U			R012799

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-4-10/31/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL21

Matrix (soil/water): Water Lab Sample ID: JPL21-023

Level (low/med): LOW Date Received: 11/01/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U			R012799
7440-31-5	Tin	10.0	U			R012799

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts: No

Comment

Miscellaneous Inorganic Data

JPL21

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LAUCKS TESTING LABS, INC.

Lab Code: LAUCKS SDG No.: JPL21

Client Identification	Lab Sample Work Order Number
MW-20-5	JPL21-001DL
MW-20-4	JPL21-002DL
MW-20-3	JPL21-003DL
MW-20-2	JPL21-004DL
MW-20-1	JPL21-005DL
EB-2-10/27/06	JPL21-006
MW-21-5	JPL21-008
MW-21-4	JPL21-009
MW-21-3	JPL21-010
MW-21-2	JPL21-011
MW-21-1	JPL21-012
MW-21-1MS	JPL21-012MS
MW-21-1MSD	JPL21-012MSD
EB-1-10/26/06	JPL21-013
MW-19-5	JPL21-015
MW-19-4	JPL21-016
MW-19-3	JPL21-017
EB-3-10/30/06	JPL21-018
MW-17-5	JPL21-020
MW-19-2	JPL21-021
MW-19-1	JPL21-022
EB-4-10/31/06	JPL21-023

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: 11-29-06 Title: Inorganics Lead

Inorganic Analysis Data Sheets

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL21		
Sample Number:	MW-20-5	**Date/Time Collected:**	10/27/2006 08:01
Lab Sample ID:	JPL21-001	**Date/Time Received:**	10/28/2006 10:50
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	10/31/2006	11/01/2006	R011994

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL21		
Sample Number:	MW-20-4	**Date/Time Collected:**	10/27/2006 08:36
Lab Sample ID:	JPL21-002	**Date/Time Received:**	10/28/2006 10:50
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	10/31/2006	11/01/2006	R011994

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL21		
Sample Number:	MW-20-3	**Date/Time Collected:**	10/27/2006 09:06
Lab Sample ID:	JPL21-003	**Date/Time Received:**	10/28/2006 10:50
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	10/31/2006	11/01/2006	R011994

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Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL21		
Sample Number:	MW-20-2	**Date/Time Collected:**	10/27/2006 09:38
Lab Sample ID:	JPL21-004	**Date/Time Received:**	10/28/2006 10:50
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	10/31/2006	11/01/2006	R011994

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL21		
Sample Number:	MW-20-1	**Date/Time Collected:**	10/27/2006 10:10
Lab Sample ID:	JPL21-005	**Date/Time Received:**	10/28/2006 10:50
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	10/31/2006	11/01/2006	R011994

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL21		
Sample Number:	EB-2-10/27/06	**Date/Time Collected:**	10/27/2006 09:58
Lab Sample ID:	JPL21-006	**Date/Time Received:**	10/28/2006 10:50
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	10/31/2006	11/01/2006	R011994

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL21		
Sample Number:	MW-21-5	**Date/Time Collected:**	10/26/2006 08:08
Lab Sample ID:	JPL21-008	**Date/Time Received:**	10/30/2006 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	11/02/2006	11/03/2006	R012072

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL21		
Sample Number:	MW-21-4	**Date/Time Collected:**	10/26/2006 08:40
Lab Sample ID:	JPL21-009	**Date/Time Received:**	10/30/2006 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	11/02/2006	11/03/2006	R012072

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL21		
Sample Number:	MW-21-3	**Date/Time Collected:**	10/26/2006 09:16
Lab Sample ID:	JPL21-010	**Date/Time Received:**	10/30/2006 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	11/02/2006	11/03/2006	R012072

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL21		
Sample Number:	MW-21-2	**Date/Time Collected:**	10/26/2006 09:45
Lab Sample ID:	JPL21-011	**Date/Time Received:**	10/30/2006 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	11/02/2006	11/03/2006	R012072

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL21		
Sample Number:	MW-21-1	**Date/Time Collected:**	10/26/2006 10:22
Lab Sample ID:	JPL21-012	**Date/Time Received:**	10/30/2006 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	11/02/2006	11/03/2006	R012072

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL21		
Sample Number:	EB-1-10/26/06	**Date/Time Collected:**	10/26/2006 10:08
Lab Sample ID:	JPL21-013	**Date/Time Received:**	10/30/2006 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	11/02/2006	11/03/2006	R012072

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL21

Sample Number: MW-19-5 **Date/Time Collected:** 10/30/2006 07:50

Lab Sample ID: JPL21-015 **Date/Time Received:** 10/31/2006 08:45

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

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.8		4.0	2.2	11/02/2006	11/03/2006	R012072

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	11/15/2006	11/15/2006	R012750

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL21

Sample Number: MW-19-4 **Date/Time Collected:** 10/30/2006 09:52

Lab Sample ID: JPL21-016 **Date/Time Received:** 10/31/2006 08:45

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	11/02/2006	11/03/2006	R012072

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	31		0.20	0.080	11/15/2006	11/15/2006	R012750

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL21

Sample Number: MW-19-3 **Date/Time Collected:** 10/30/2006 11:47

Lab Sample ID: JPL21-017 **Date/Time Received:** 10/31/2006 08:45

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	11/02/2006	11/03/2006	R012072

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	38		0.20	0.080	11/15/2006	11/15/2006	R012750

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL21

Sample Number: EB-3-10/30/06 **Date/Time Collected:** 10/30/2006 13:39

Lab Sample ID: JPL21-018 **Date/Time Received:** 10/31/2006 08:45

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	11/02/2006	11/03/2006	R012072

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		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: JPL21

Sample Number: MW-17-5 **Date/Time Collected:** 10/31/2006 12:55

Lab Sample ID: JPL21-020 **Date/Time Received:** 11/01/2006 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	11/02/2006	11/03/2006	R012072

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	11/15/2006	11/15/2006	R012750

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL21

Sample Number: MW-19-2 **Date/Time Collected:** 10/31/2006 07:59

Lab Sample ID: JPL21-021 **Date/Time Received:** 11/01/2006 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	11/02/2006	11/03/2006	R012072

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	46		0.20	0.080	11/15/2006	11/15/2006	R012750

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL21

Sample Number: MW-19-1 **Date/Time Collected:** 10/31/2006 09:50

Lab Sample ID: JPL21-022 **Date/Time Received:** 11/01/2006 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	11/06/2006	11/07/2006	R012190

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	11/15/2006	11/15/2006	R012750

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL21

Sample Number: EB-4-10/31/06 **Date/Time Collected:** 10/31/2006 10:15

Lab Sample ID: JPL21-023 **Date/Time Received:** 11/01/2006 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	11/06/2006	11/07/2006	R012190

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	0.024		0.020	0.0080	11/15/2006	11/15/2006	R012741

SAMPLE DATA

SDG JPL22

VOLATILES ANALYSIS

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-4

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108014.D

Level: (LOW/MED) Date Collected: 11/01/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-4

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108014.D

Level: (LOW/MED) Date Collected: 11/01/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-4

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-001

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108014.D

Level: (LOW/MED) Date Collected: 11/01/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

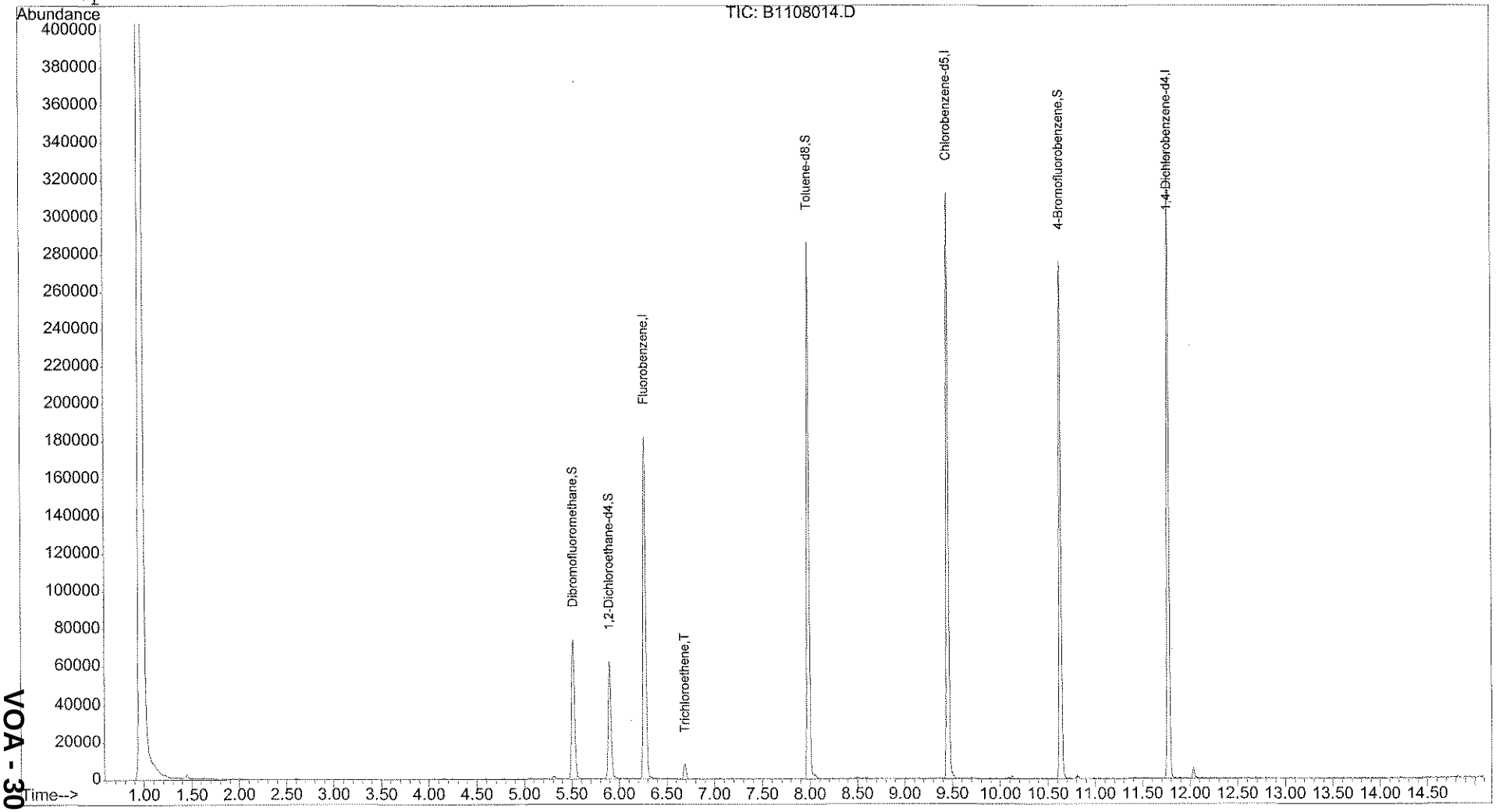
Heated Purge: (Y/N) N

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

Comments:

Data File : X:\MSVOA\BUDDHA\110806\B1108014.D Vial: 17
Acq On : 8 Nov 2006 14:32 Operator: DGA
Sample : JPL22-001 MW-17-4 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:06 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 : Fri Dec 01 09:32:34 2006
Response via : Initial Calibration



VOA - 30

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108014.D Vial: 17
Acq On : 8 Nov 2006 14:32 Operator: DGA
Sample : JPL22-001 MW-17-4 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:06 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 : Fri Dec 01 09:32:34 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	152969	10.00	ug/l	0.00 49.18%
51) Chlorobenzene-d5	9.46	82	82497	10.00	ug/l	0.00 51.54%
71) 1,4-Dichlorobenzene-d4	11.77	152	84784	10.00	ug/l	0.00 44.01%
System Monitoring Compounds						
32) Dibromofluoromethane	5.51	111	48488	11.27	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	54622	12.40	ug/l	0.00
52) Toluene-d8	7.99	98	167586	10.35	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	71065	11.76	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.23	50	318	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	2.60	76	728	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	3.36	53	79	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	4.85	77	69	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\110806\B1108014.D Vial: 17
Acq On : 8 Nov 2006 14:32 Operator: DGA
Sample : JPL22-001 MW-17-4 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:06 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 : Fri Dec 01 09:32:34 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.	
29)	Bromochloromethane	0.00	128	0	N.D.	
30)	Methacrylonitrile	5.27	41	30	N.D.	
31)	Chloroform	5.30	83	703	Below Cal	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)	Isobutanol	0.00	43	0	N.D. d	
37)	1,1-Dichloropropene	5.78	75	31	N.D.	
39)	Benzene	5.91	78	41	N.D.	
40)	1,2-Dichloroethane	5.95	62	36	N.D.	
41)	Trichloroethene	6.69	130	2837	0.59 ug/l	97
42)	Methylcyclohexane	6.70	83	44	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	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	8.06	92	403	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	trans-1,3-Dichloropropene	8.21	75	35	N.D.	
56)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
57)	Tetrachloroethene	8.61	166	175	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	0.00	107	0	N.D.	
62)	Chlorobenzene	0.00	112	0	N.D.	
63)	1-Chlorohexane	9.59	91	67	N.D.	
64)	Ethylbenzene	9.59	91	67	N.D.	
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66)	m,p-Xylene	9.71	106	49	N.D.	
67)	o-xylene	10.10	106	65	N.D.	
68)	Styrene	10.12	104	232	N.D.	
69)	Bromoform	10.33	173	30	N.D.	
70)	Isopropylbenzene	10.61	105	30	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.67	83	35	N.D.	

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

11/10/06

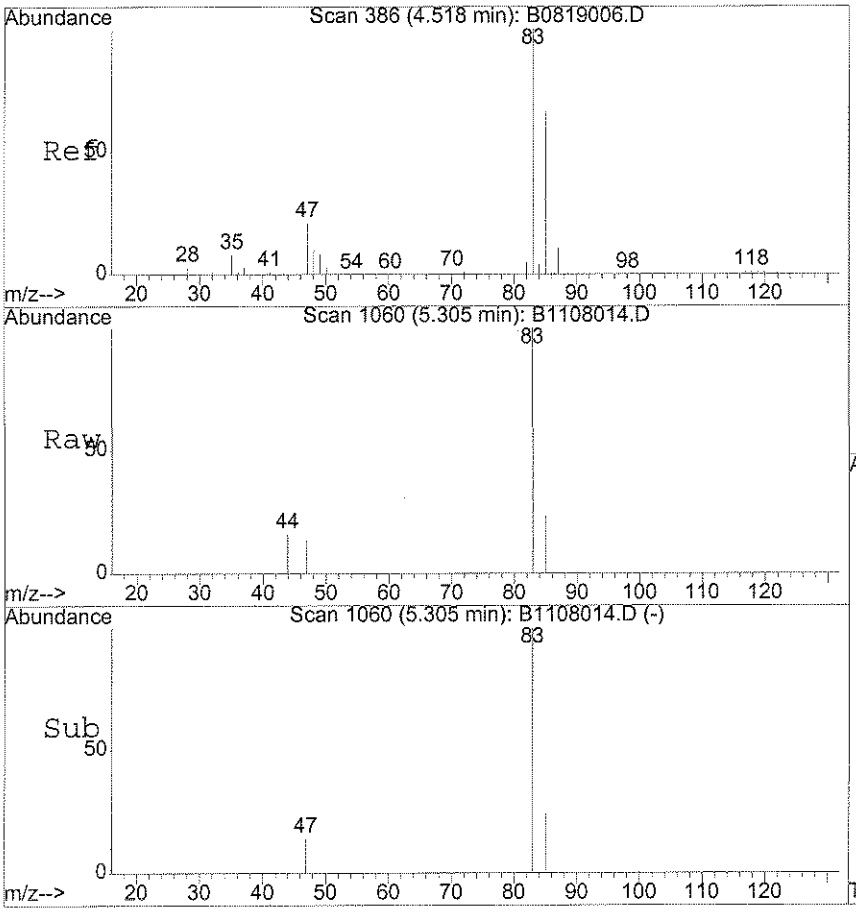
Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108014.D Vial: 17
Acq On : 8 Nov 2006 14:32 Operator: DGA
Sample : JPL22-001 MW-17-4 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:06 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 : Fri Dec 01 09:32:34 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	n-Propylbenzene	10.68	120	31	N.D.		
75)	trans-1,4-Dichloro-2-buten	10.64	53	29	N.D.		
76)	Bromobenzene	10.65	156	63	N.D.		
77)	1,2,3-Trichloropropane	10.63	110	33	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	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
83)	sec-butylbenzene	11.77	105	43	N.D.		
84)	4-Isopropyltoluene	11.73	119	30	N.D.		
85)	1,3-Dichlorobenzene	11.77	111	724	N.D.		
86)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	12.13	91	67	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	13.75	180	32	N.D.		
91)	Hexachlorobutadiene	13.91	225	47	N.D.		
92)	Naphthalene	0.00	128	0	N.D.	d	
93)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

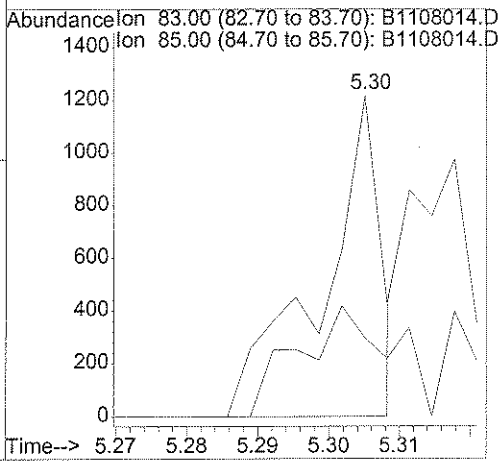
(#) = qualifier out of range (m) = manual integration

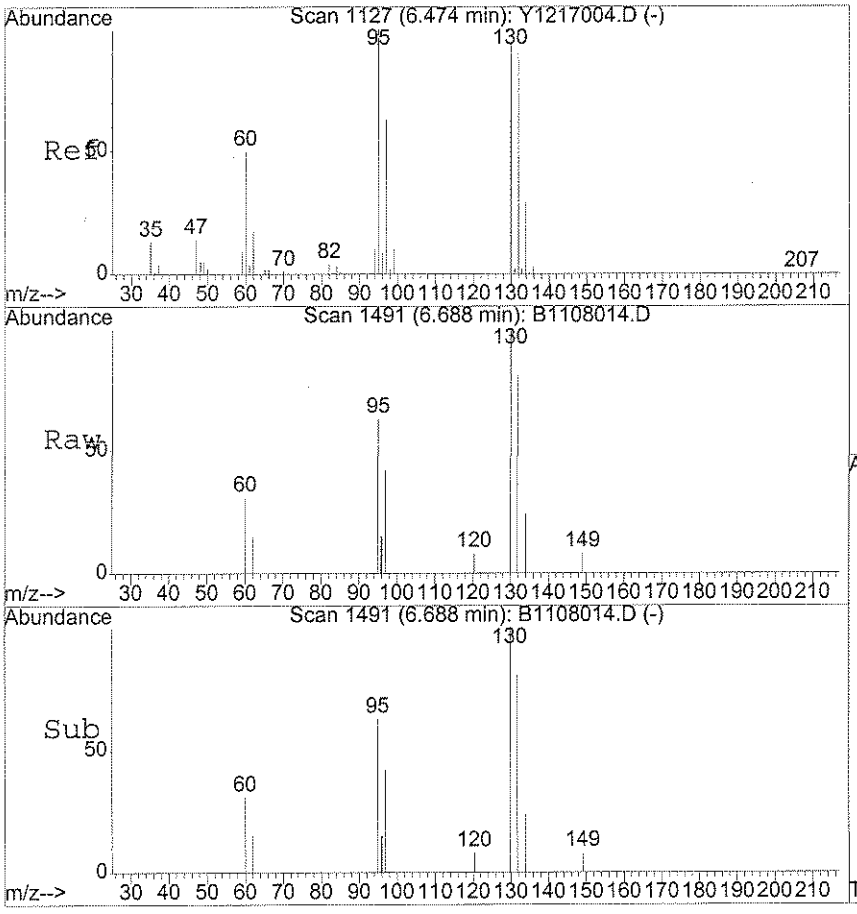


#31
Chloroform
Concen: Below Cal
RT: 5.30 min Scan# 1060
Delta R.T. -0.01 min
Lab File: B1108014.D
Acq: 8 Nov 2006 14:32

Tgt Ion: 83 Resp: 703

Ion	Ratio	Lower	Upper
83	100		
85	54.3	38.2	78.2

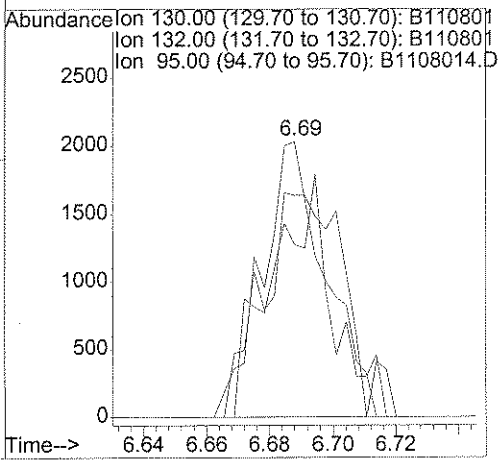




#41
Trichloroethene
Concen: 0.59 ug/l
RT: 6.69 min Scan# 1491
Delta R.T. -0.01 min
Lab File: B1108014.D
Acq: 8 Nov 2006 14:32

Tgt Ion:130 Resp: 2837

Ion	Ratio	Lower	Upper
130	100		
132	99.9	81.1	121.1
95	84.6	60.0	100.0



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-3

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-002

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108015.D

Level: (LOW/MED) Date Collected: 11/01/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.73	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	2.5	
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	1.3	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-3

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-002

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108015.D

Level: (LOW/MED) Date Collected: 11/01/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.34	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-3

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-002

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108015.D

Level: (LOW/MED) Date Collected: 11/01/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

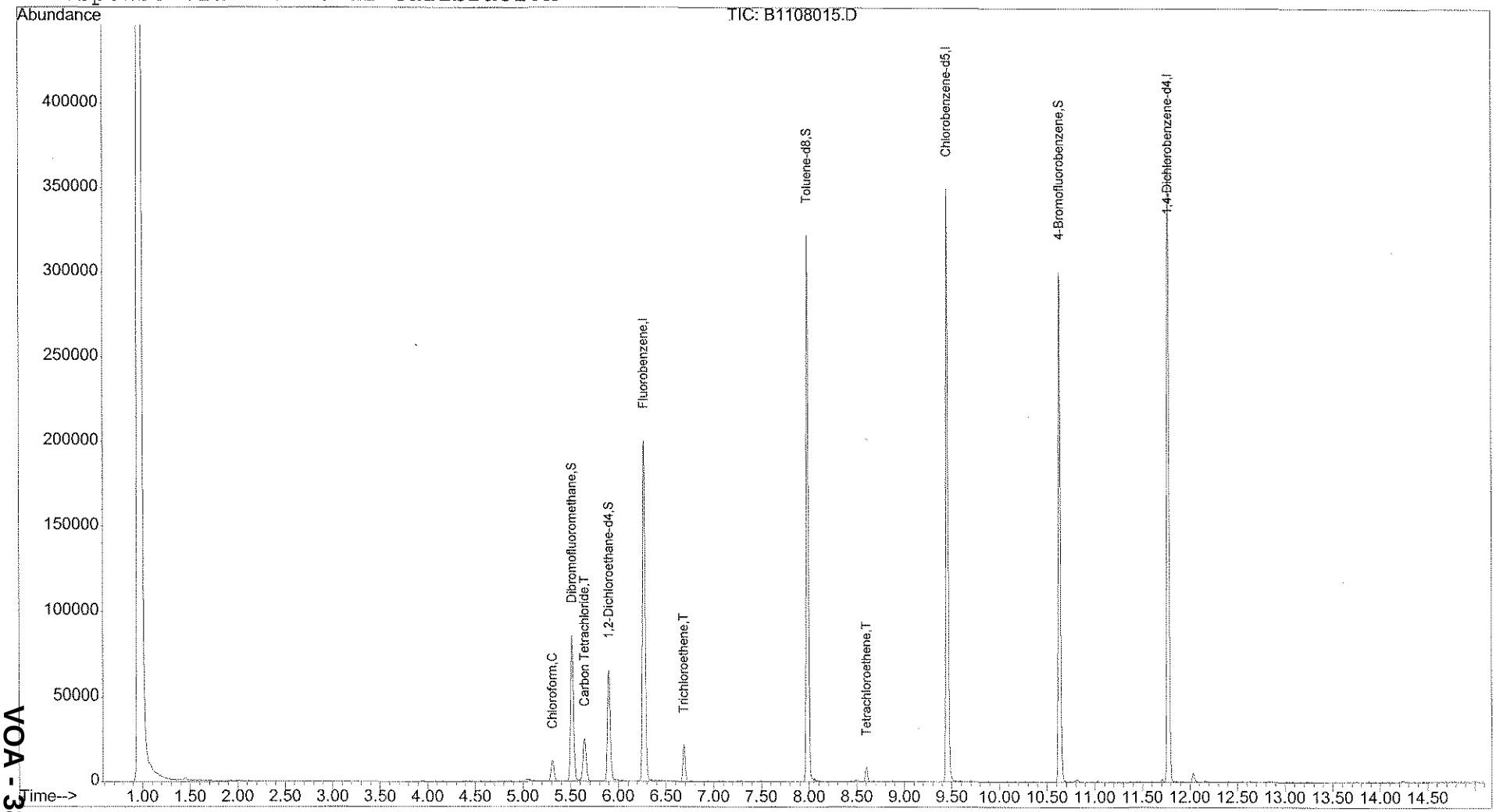
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108015.D Vial: 18
Acq On : 8 Nov 2006 15:02 Operator: DGA
Sample : JPL22-002 MW-17-3 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:08 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 : Fri Dec 01 09:32:34 2006
Response via : Initial Calibration



VOA - 38

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108015.D Vial: 18
Acq On : 8 Nov 2006 15:02 Operator: DGA
Sample : JPL22-002 MW-17-3 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:08 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 : Fri Dec 01 09:32:34 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	168235	10.00	ug/l	0.00 54.09%
51) Chlorobenzene-d5	9.45	82	89360	10.00	ug/l	0.00 55.83%
71) 1,4-Dichlorobenzene-d4	11.78	152	90608	10.00	ug/l	0.00 47.03%
System Monitoring Compounds						
32) Dibromofluoromethane	5.51	111	52659	11.12	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	58381	12.05	ug/l	0.00
52) Toluene-d8	7.99	98	182542	10.41	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	76128	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	2.39	96	63	N.D.		
9) Acrolein	0.00	56	0	N.D.		
10) 1,1,2-Trichloro-1,2,2-trif	2.42	101	64	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	2.61	76	96	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	78	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	3.94	63	1353	N.D.		
24) Chloroprene	4.08	53	36	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	4.84	96	30	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108015.D Vial: 18
Acq On : 8 Nov 2006 15:02 Operator: DGA
Sample : JPL22-002 MW-17-3 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:08 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 : Fri Dec 01 09:32:34 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	5.27	41	37	N.D.	
31)	Chloroform	5.32	83	10303	0.73 ug/l	81
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	0.00	56	0	N.D.	
35)	Carbon Tetrachloride	5.65	117	19254	2.46 ug/l	99
36)	Isobutanol	0.00	43	0	N.D. d	
37)	1,1-Dichloropropene	5.66	75	30	N.D.	
39)	Benzene	5.92	78	220	N.D.	
40)	1,2-Dichloroethane	6.00	62	169	N.D.	
41)	Trichloroethene	6.69	130	6647	1.25 ug/l	93
42)	Methylcyclohexane	6.69	83	47	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	7.29	83	282	N.D.	
49)	cis-1,3-Dichloropropene	7.78	75	49	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	8.14	75	30	N.D.	
56)	1,1,2-Trichloroethane	8.44	97	34	N.D.	
57)	Tetrachloroethene	8.60	166	2238	0.34 ug/l #	40
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	0.00	107	0	N.D.	
62)	Chlorobenzene	9.50	112	34	N.D.	
63)	1-Chlorohexane	9.58	91	77	N.D.	
64)	Ethylbenzene	9.58	91	77	N.D.	
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66)	m,p-Xylene	9.70	106	39	N.D.	
67)	o-xylene	0.00	106	0	N.D.	
68)	Styrene	10.06	104	36	N.D.	
69)	Bromoform	0.00	173	0	N.D.	
70)	Isopropylbenzene	10.63	105	141	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.63	83	31	N.D.	

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

11/16/06

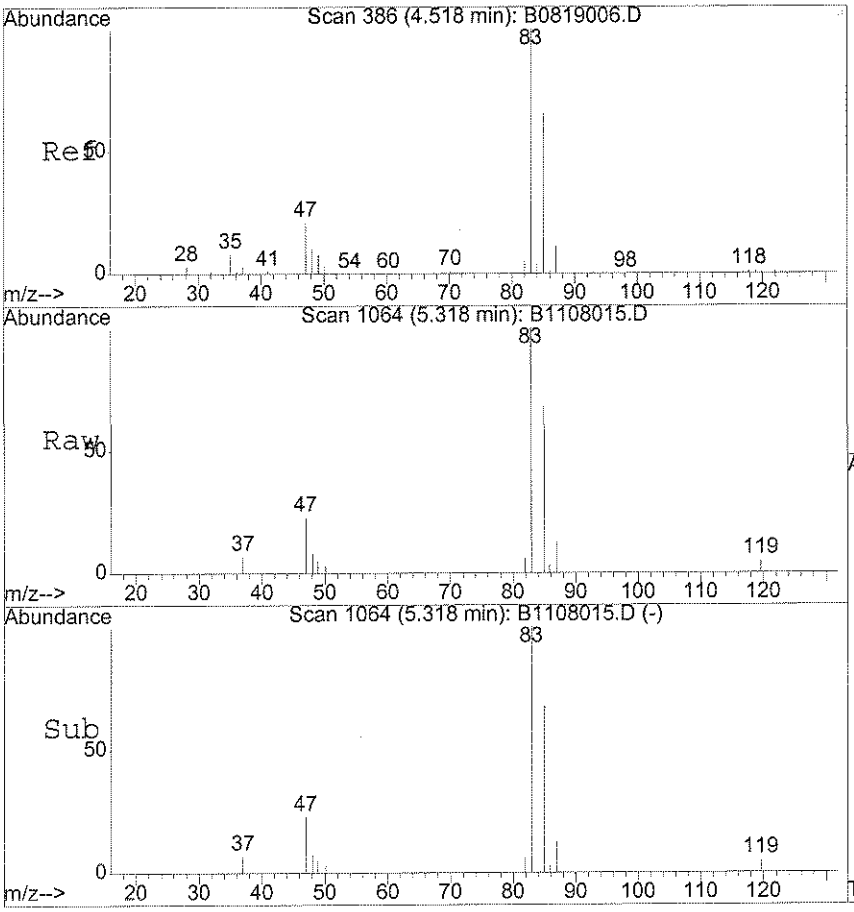
Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108015.D Vial: 18
Acq On : 8 Nov 2006 15:02 Operator: DGA
Sample : JPL22-002 MW-17-3 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:08 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 : Fri Dec 01 09:32:34 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	10.70	156	41	N.D.	
77)	1,2,3-Trichloropropane	10.80	110	53	N.D.	
78)	2-Chlorotoluene	0.00	91	0	N.D.	
79)	1,3,5-Trimethylbenzene	10.97	105	34	N.D.	
80)	4-Chlorotoluene	0.00	91	0	N.D.	
81)	tert-Butylbenzene	11.29	119	32	N.D.	
82)	1,2,4-Trimethylbenzene	11.62	105	40	N.D.	
83)	sec-butylbenzene	11.62	105	40	N.D.	
84)	4-Isopropyltoluene	11.73	119	42	N.D.	
85)	1,3-Dichlorobenzene	11.71	111	149	N.D.	
86)	1,4-Dichlorobenzene	11.80	146	265	N.D.	
87)	n-Butylbenzene	0.00	91	0	N.D.	
88)	1,2-Dichlorobenzene	12.16	146	129	N.D.	
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
90)	1,2,4-Trichlorobenzene	13.76	180	105	N.D.	
91)	Hexachlorobutadiene	13.92	225	41	N.D.	
92)	Naphthalene	0.00	128	0	N.D.	
93)	1,2,3-Trichlorobenzene	14.25	180	200	N.D.	

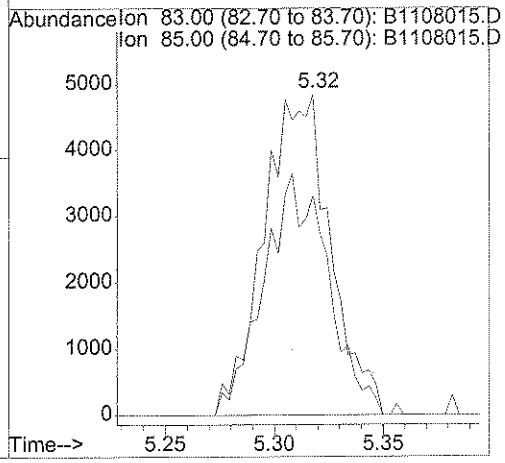
(#) = qualifier out of range (m) = manual integration

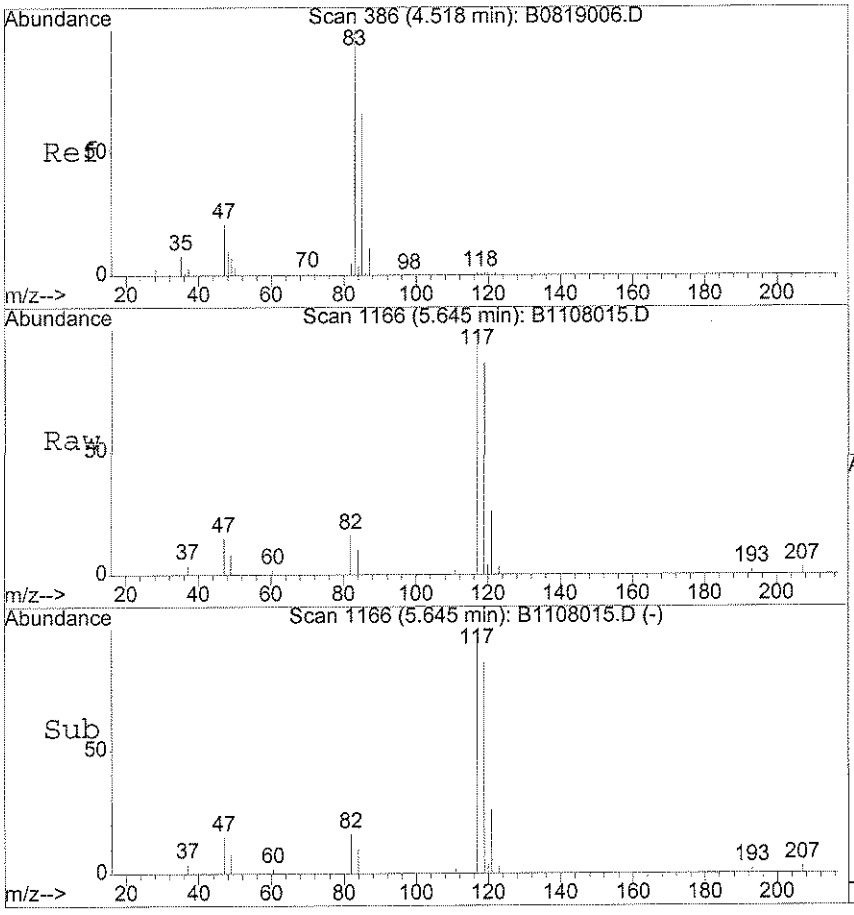


#31
Chloroform
Concen: 0.73 ug/l
RT: 5.32 min Scan# 1064
Delta R.T. 0.01 min
Lab File: B1108015.D
Acq: 8 Nov 2006 15:02

Tgt Ion: 83 Resp: 10303

Ion	Ratio	Lower	Upper
83	100		
85	72.1	38.2	78.2

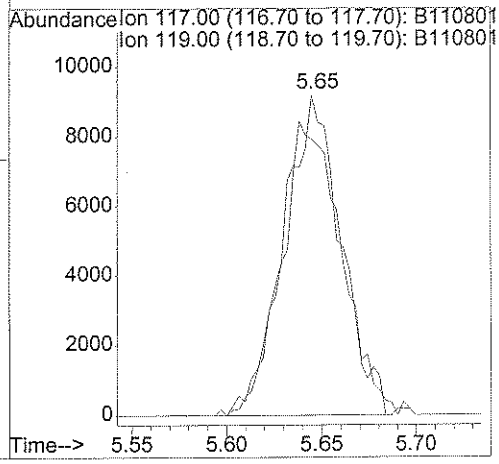


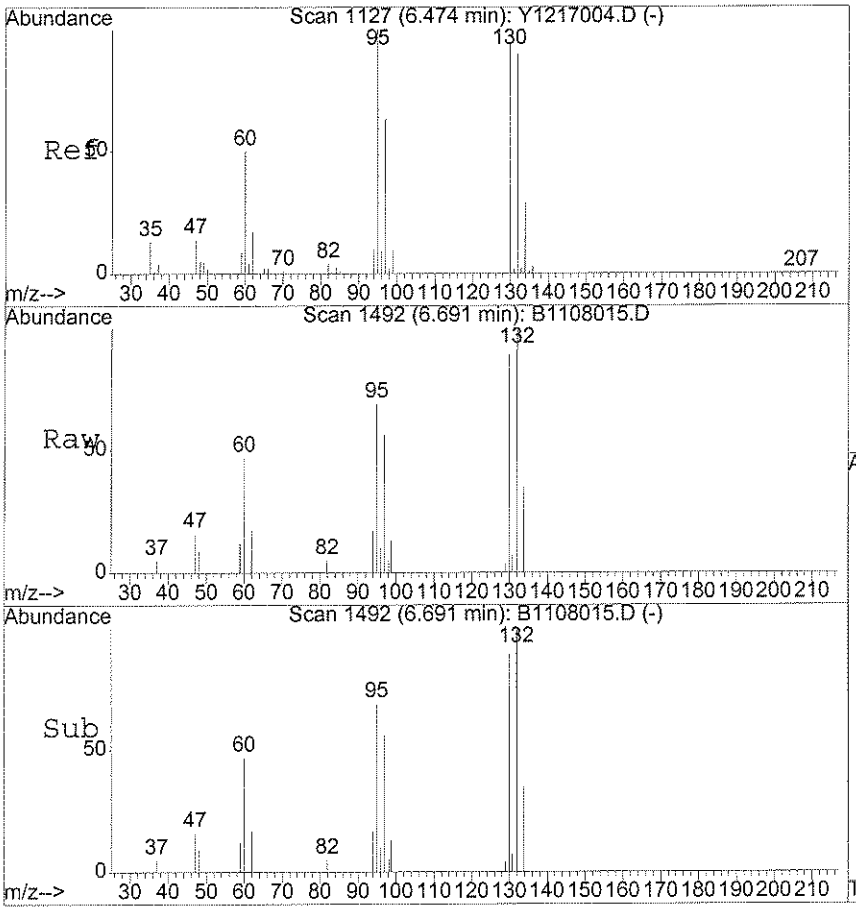


#35
Carbon Tetrachloride
Concen: 2.46 ug/l
RT: 5.65 min Scan# 1166
Delta R.T. -0.01 min
Lab File: B1108015.D
Acq: 8 Nov 2006 15:02

Tgt Ion:117 Resp: 19254

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.7	116.7

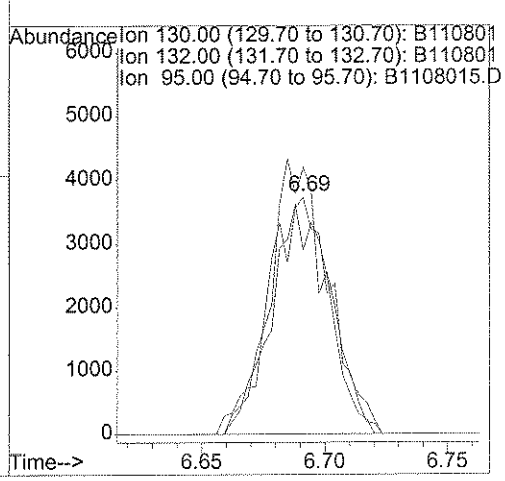


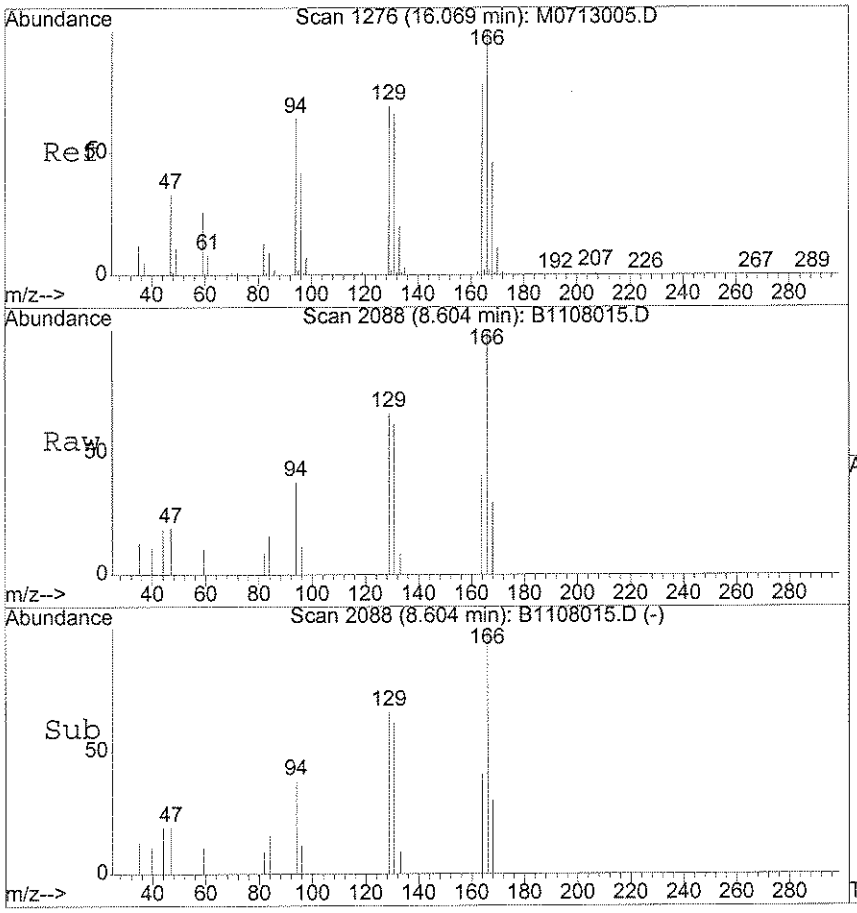


#41
Trichloroethene
Concen: 1.25 ug/l
RT: 6.69 min Scan# 1492
Delta R.T. -0.00 min
Lab File: B1108015.D
Acq: 8 Nov 2006 15:02

Tgt Ion:130 Resp: 6647

Ion	Ratio	Lower	Upper
130	100		
132	105.7	81.1	121.1
95	89.1	60.0	100.0

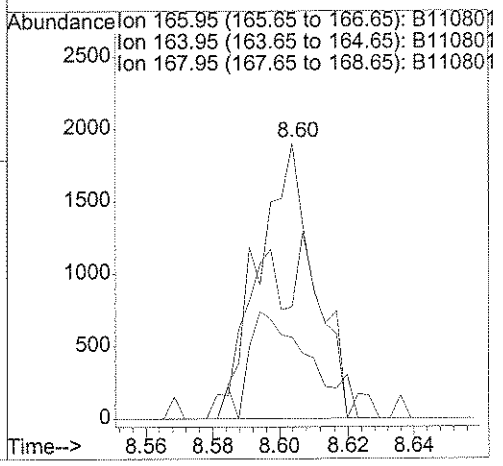




#57
Tetrachloroethene
Concen: 0.34 ug/l
RT: 8.60 min Scan# 2088
Delta R.T. -0.01 min
Lab File: B1108015.D
Acq: 8 Nov 2006 15:02

Tgt Ion:166 Resp: 2238

Ion	Ratio	Lower	Upper
166	100		
164	29.5	60.8	91.2#
168	1.4	39.4	59.0#



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-5-11/1/06

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-003

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108016.D

Level: (LOW/MED) Date Collected: 11/01/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-5-11/1/06

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-003

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108016.D

Level: (LOW/MED) Date Collected: 11/01/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-5-11/1/06

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-003

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108016.D

Level: (LOW/MED) _____ Date Collected: 11/01/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/08/2006 10:00

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

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

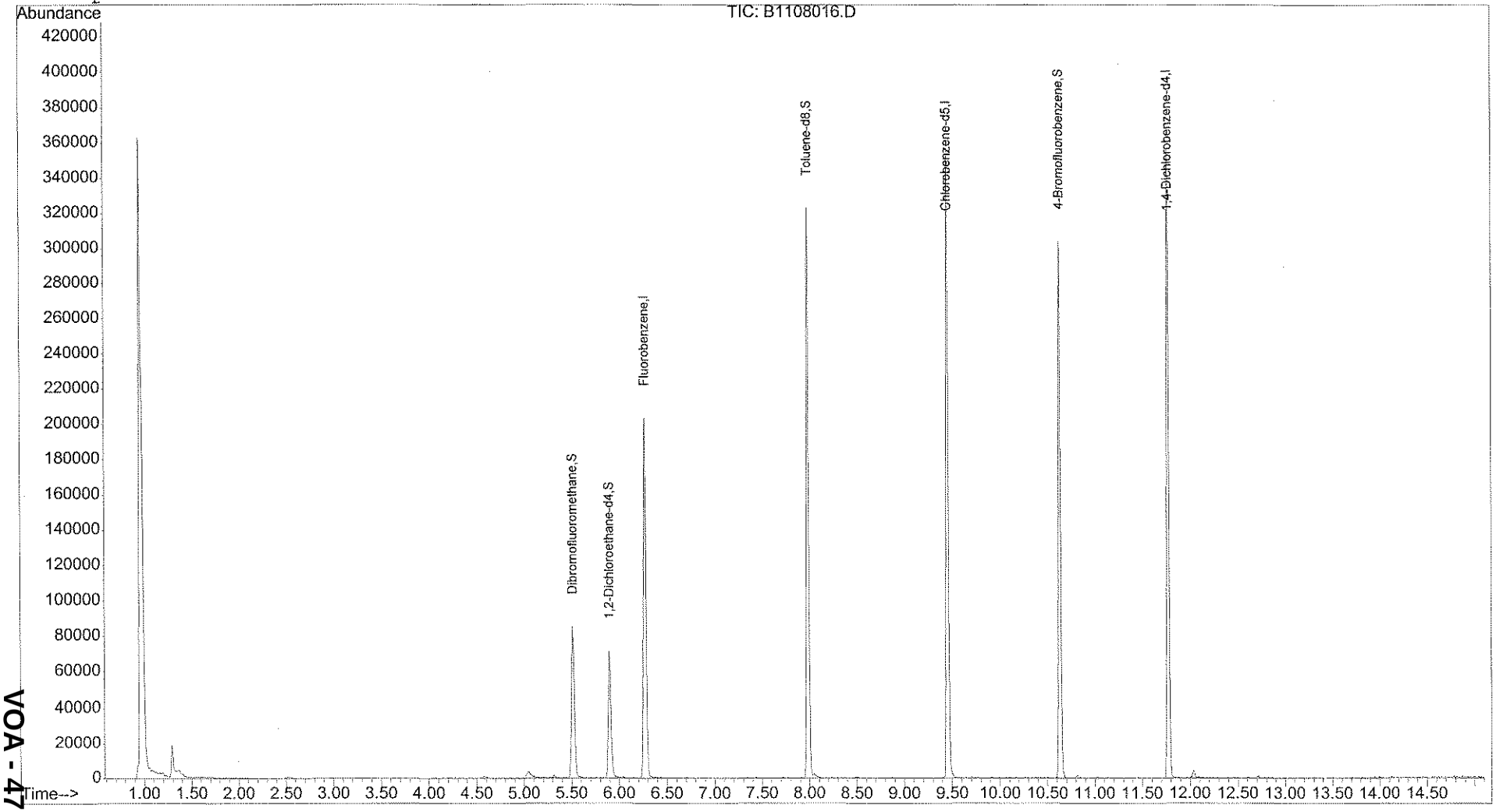
Heated Purge: (Y/N) N

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

Comments:

Data File : X:\MSVOA\BUDDHA\110806\B1108016.D Vial: 19
Acq On : 8 Nov 2006 15:31 Operator: DGA
Sample : JPL22-003 EB-5-11/1/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:10 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 : Fri Dec 01 09:32:34 2006
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108016.D Vial: 19
Acq On : 8 Nov 2006 15:31 Operator: DGA
Sample : JPL22-003 EB-5-11/1/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:10 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 : Fri Dec 01 09:32:34 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	169104	10.00	ug/l	0.00 54.37%
51) Chlorobenzene-d5	9.45	82	92323	10.00	ug/l	0.00 57.68%
71) 1,4-Dichlorobenzene-d4	11.77	152	91140	10.00	ug/l	0.00 47.31%
System Monitoring Compounds						
32) Dibromofluoromethane	5.51	111	52357	11.00	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	59969	12.32	ug/l	0.00
52) Toluene-d8	7.98	98	186281	10.28	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	76404	11.76	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	3.00	84	151	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	4.12	43	37	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	4.82	96	31	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108016.D Vial: 19
Acq On : 8 Nov 2006 15:31 Operator: DGA
Sample : JPL22-003 EB-5-11/1/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:10 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 : Fri Dec 01 09:32:34 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	5.10	41	37	N.D.	
31)	Chloroform	5.31	83	687	Below Cal #	40
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	5.47	56	45	N.D.	
35)	Carbon Tetrachloride	5.62	117	31	N.D.	
36)	Isobutanol	0.00	43	0	N.D. d	
37)	1,1-Dichloropropene	5.61	75	35	N.D.	
39)	Benzene	0.00	78	0	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	7.01	41	45	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	0.00	83	0	N.D.	
49)	cis-1,3-Dichloropropene	7.88	75	37	N.D.	
50)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
53)	Toluene	8.05	92	166	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	8.37	97	32	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	0.00	107	0	N.D.	
62)	Chlorobenzene	9.54	112	54	N.D.	
63)	1-Chlorohexane	9.58	91	35	N.D.	
64)	Ethylbenzene	9.58	91	35	N.D.	
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66)	m,p-Xylene	9.70	106	32	N.D.	
67)	o-xylene	0.00	106	0	N.D.	
68)	Styrene	10.14	104	36	N.D.	
69)	Bromoform	10.34	173	39	N.D.	
70)	Isopropylbenzene	10.64	105	116	N.D.	
73)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108016.D Vial: 19
Acq On : 8 Nov 2006 15:31 Operator: DGA
Sample : JPL22-003 EB-5-11/1/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:10 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 : Fri Dec 01 09:32:34 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	30	N.D.		
77)	1,2,3-Trichloropropane	10.64	110	34	N.D.		
78)	2-Chlorotoluene	10.98	91	39	N.D.		
79)	1,3,5-Trimethylbenzene	10.96	105	31	N.D.		
80)	4-Chlorotoluene	10.98	91	39	N.D.		
81)	tert-Butylbenzene	11.42	119	29	N.D.		
82)	1,2,4-Trimethylbenzene	11.41	105	29	N.D.		
83)	sec-butylbenzene	11.41	105	29	N.D.		
84)	4-Isopropyltoluene	11.73	119	36	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d	
86)	1,4-Dichlorobenzene	11.79	146	143	N.D.		
87)	n-Butylbenzene	12.13	91	30	N.D.		
88)	1,2-Dichlorobenzene	12.35	146	36	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	39	N.D.		
92)	Naphthalene	0.00	128	0	N.D.	d	
93)	1,2,3-Trichlorobenzene	14.25	180	29	N.D.		

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-5-11/1/06

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-004

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108017.D

Level: (LOW/MED) Date Collected: 11/01/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-5-11/1/06

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-004

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108017.D

Level: (LOW/MED) Date Collected: 11/01/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-5-11/1/06

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-004

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108017.D

Level: (LOW/MED) Date Collected: 11/01/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

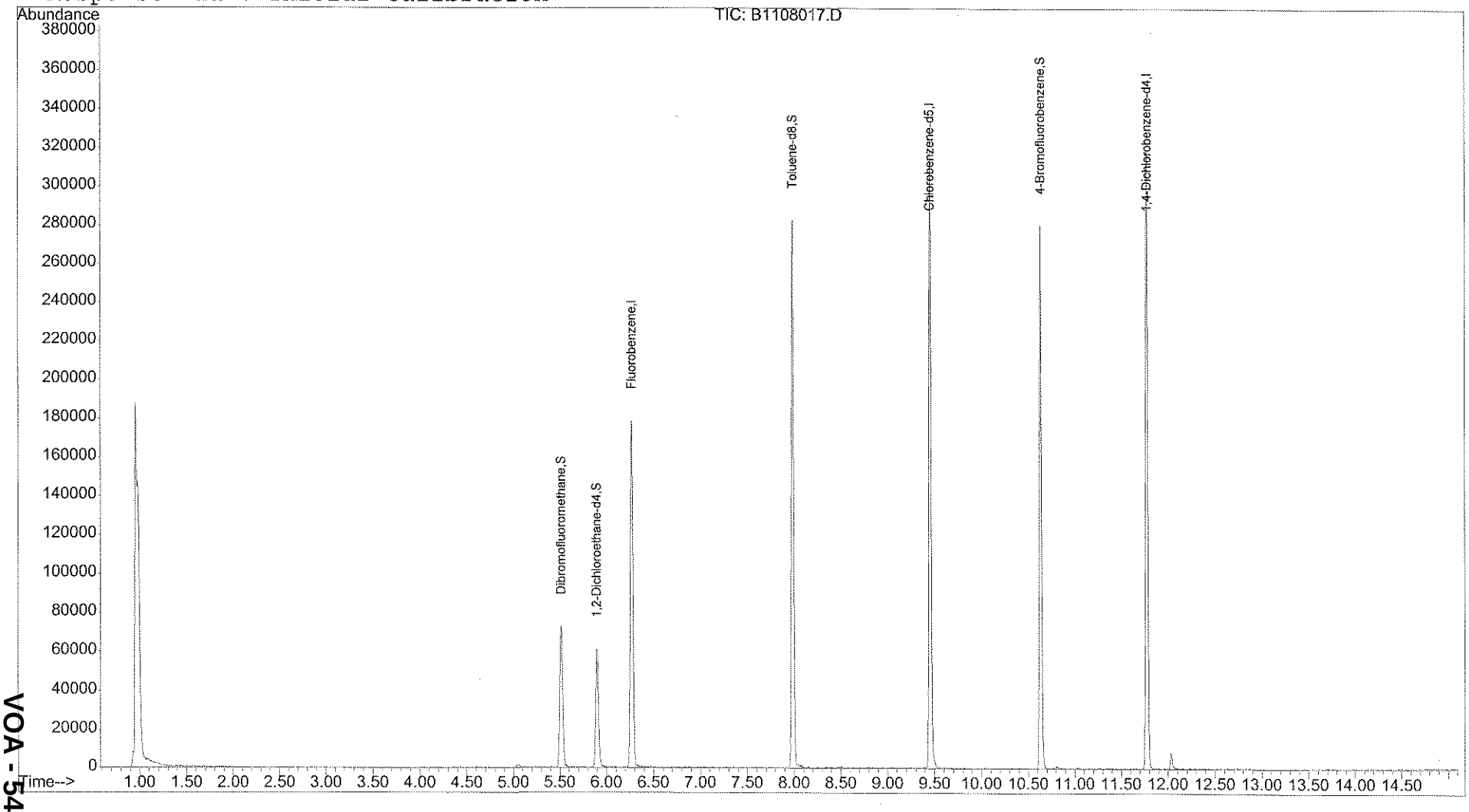
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108017.D Vial: 20
Acq On : 8 Nov 2006 16:01 Operator: DGA
Sample : JPL22-004 TB-5-11/1/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:11 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 : Fri Dec 01 09:32:34 2006
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108017.D Vial: 20
Acq On : 8 Nov 2006 16:01 Operator: DGA
Sample : JPL22-004 TB-5-11/1/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:11 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 : Fri Dec 01 09:32:34 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	152194	10.00 ug/l	0.00 48.93%
51) Chlorobenzene-d5	9.46	82	82235	10.00 ug/l	0.00 51.38%
71) 1,4-Dichlorobenzene-d4	11.77	152	82457	10.00 ug/l	0.00 42.80%
System Monitoring Compounds					
32) Dibromofluoromethane	5.51	111	46643	10.89 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	55099	12.57 ug/l	0.00
52) Toluene-d8	7.99	98	166110	10.29 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	68701	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	2.99	84	65	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\110806\B1108017.D Vial: 20
Acq On : 8 Nov 2006 16:01 Operator: DGA
Sample : JPL22-004 TB-5-11/1/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:11 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 : Fri Dec 01 09:32:34 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	5.27	41	32	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) Isobutanol	0.00	43	0	N.D.	d
37) 1,1-Dichloropropene	5.56	75	34	N.D.	
39) Benzene	0.00	78	0	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	7.12	93	40	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	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	39	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	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	8.83	129	32	N.D.	
61) 1,2-Dibromoethane	0.00	107	0	N.D.	
62) Chlorobenzene	9.48	112	40	N.D.	
63) 1-Chlorohexane	9.45	91	49	N.D.	
64) Ethylbenzene	9.45	91	49	N.D.	
65) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66) m,p-Xylene	0.00	106	0	N.D.	
67) o-xylene	0.00	106	0	N.D.	
68) Styrene	0.00	104	0	N.D.	
69) Bromoform	0.00	173	0	N.D.	
70) Isopropylbenzene	10.63	105	241	N.D.	
73) 1,1,2,2-Tetrachloroethane	10.94	83	38	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108017.D Vial: 20
Acq On : 8 Nov 2006 16:01 Operator: DGA
Sample : JPL22-004 TB-5-11/1/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:11 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 : Fri Dec 01 09:32:34 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	n-Propylbenzene	10.81	120	35	N.D.	
75)	trans-1,4-Dichloro-2-buten	10.67	53	38	N.D.	
76)	Bromobenzene	0.00	156	0	N.D.	
77)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
78)	2-Chlorotoluene	11.04	91	47	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	
80)	4-Chlorotoluene	11.04	91	47	N.D.	
81)	tert-Butylbenzene	0.00	119	0	N.D.	
82)	1,2,4-Trimethylbenzene	11.42	105	38	N.D.	
83)	sec-butylbenzene	11.52	105	32	N.D.	
84)	4-Isopropyltoluene	11.72	119	39	N.D.	
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d
86)	1,4-Dichlorobenzene	11.90	146	34	N.D.	
87)	n-Butylbenzene	12.16	91	33	N.D.	
88)	1,2-Dichlorobenzene	11.90	146	34	N.D.	
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
90)	1,2,4-Trichlorobenzene	13.76	180	43	N.D.	
91)	Hexachlorobutadiene	0.00	225	0	N.D.	
92)	Naphthalene	0.00	128	0	N.D.	
93)	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-6-11/2-06

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-005

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108019.D

Level: (LOW/MED) Date Collected: 11/02/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-6-11/2-06

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-005

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108019.D

Level: (LOW/MED) Date Collected: 11/02/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-6-11/2-06

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-005

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108019.D

Level: (LOW/MED) Date Collected: 11/02/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

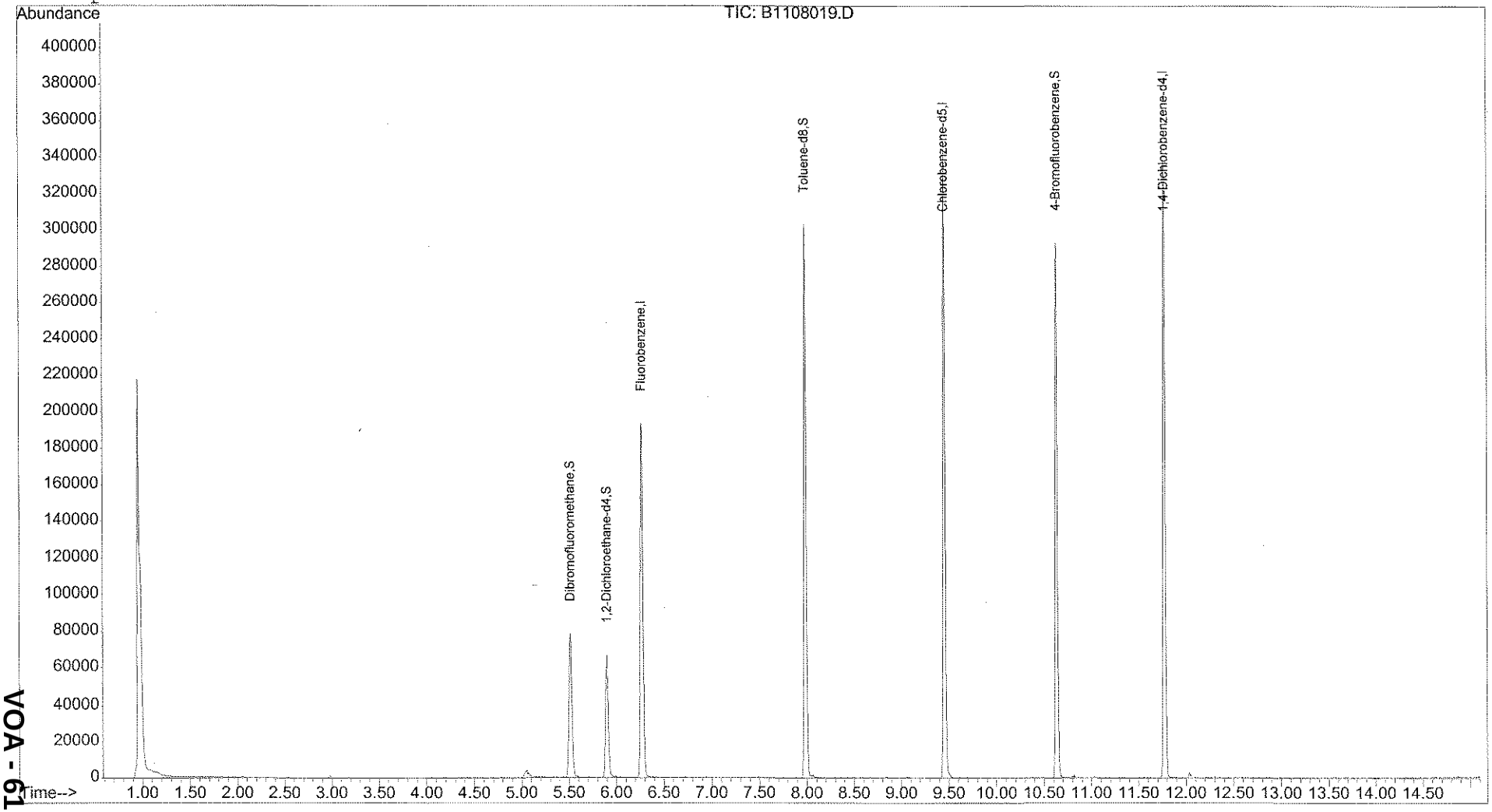
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108019.D Vial: 20
Acq On : 8 Nov 2006 17:00 Operator: DGA
Sample : JPL22-005 TB-6-11/2/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:13 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 : Fri Dec 01 09:32:34 2006
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108019.D Vial: 20
Acq On : 8 Nov 2006 17:00 Operator: DGA
Sample : JPL22-005 TB-6-11/2/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:13 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 : Fri Dec 01 09:32:34 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	160427	10.00	ug/l	0.00 51.58%
51) Chlorobenzene-d5	9.45	82	88000	10.00	ug/l	0.00 54.98%
71) 1,4-Dichlorobenzene-d4	11.78	152	89123	10.00	ug/l	0.00 46.26%
System Monitoring Compounds						
32) Dibromofluoromethane	5.52	111	51724	11.46	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	58608	12.69	ug/l	0.00
52) Toluene-d8	7.98	98	176636	10.23	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	74285	11.69	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.22	50	72	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	469	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	4.02	43	30	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	4.92	96	30	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108019.D Vial: 20
Acq On : 8 Nov 2006 17:00 Operator: DGA
Sample : JPL22-005 TB-6-11/2/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:13 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 : Fri Dec 01 09:32:34 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	5.05	128	33	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	5.44	56	33	N.D.		
35)	Carbon Tetrachloride	5.78	117	30	N.D.		
36)	Isobutanol	0.00	43	0	N.D.	d	
37)	1,1-Dichloropropene	5.65	75	41	N.D.		
39)	Benzene	5.91	78	31	N.D.		
40)	1,2-Dichloroethane	6.10	62	33	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	7.21	41	32	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	0.00	83	0	N.D.		
49)	cis-1,3-Dichloropropene	7.68	75	50	N.D.		
50)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
53)	Toluene	8.05	92	39	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	trans-1,3-Dichloropropene	8.29	75	35	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	0.00	107	0	N.D.		
62)	Chlorobenzene	0.00	112	0	N.D.		
63)	1-Chlorohexane	9.69	91	69	N.D.		
64)	Ethylbenzene	9.69	91	69	N.D.		
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
66)	m,p-Xylene	0.00	106	0	N.D.		
67)	o-xylene	0.00	106	0	N.D.		
68)	Styrene	10.12	104	38	N.D.		
69)	Bromoform	10.14	173	30	N.D.		
70)	Isopropylbenzene	10.44	105	30	N.D.		
73)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108019.D Vial: 20
Acq On : 8 Nov 2006 17:00 Operator: DGA
Sample : JPL22-005 TB-6-11/2/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 10:13 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 : Fri Dec 01 09:32:34 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	10.58	53	33	N.D.		
76)	Bromobenzene	10.63	156	35	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	0.00	105	0	N.D.		
80)	4-Chlorotoluene	11.07	91	34	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.42	105	33	N.D.		
83)	sec-butylbenzene	11.71	105	36	N.D.		
84)	4-Isopropyltoluene	11.74	119	38	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d	
86)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	12.09	91	31	N.D.		
88)	1,2-Dichlorobenzene	12.34	146	35	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	13.57	225	32	N.D.		
92)	Naphthalene	0.00	128	0	N.D.		
93)	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-6-11/2/06

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-006

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108020.D

Level: (LOW/MED) Date Collected: 11/02/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-6-11/2/06

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-006

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108020.D

Level: (LOW/MED) Date Collected: 11/02/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-6-11/2/06

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-006

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108020.D

Level: (LOW/MED) Date Collected: 11/02/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

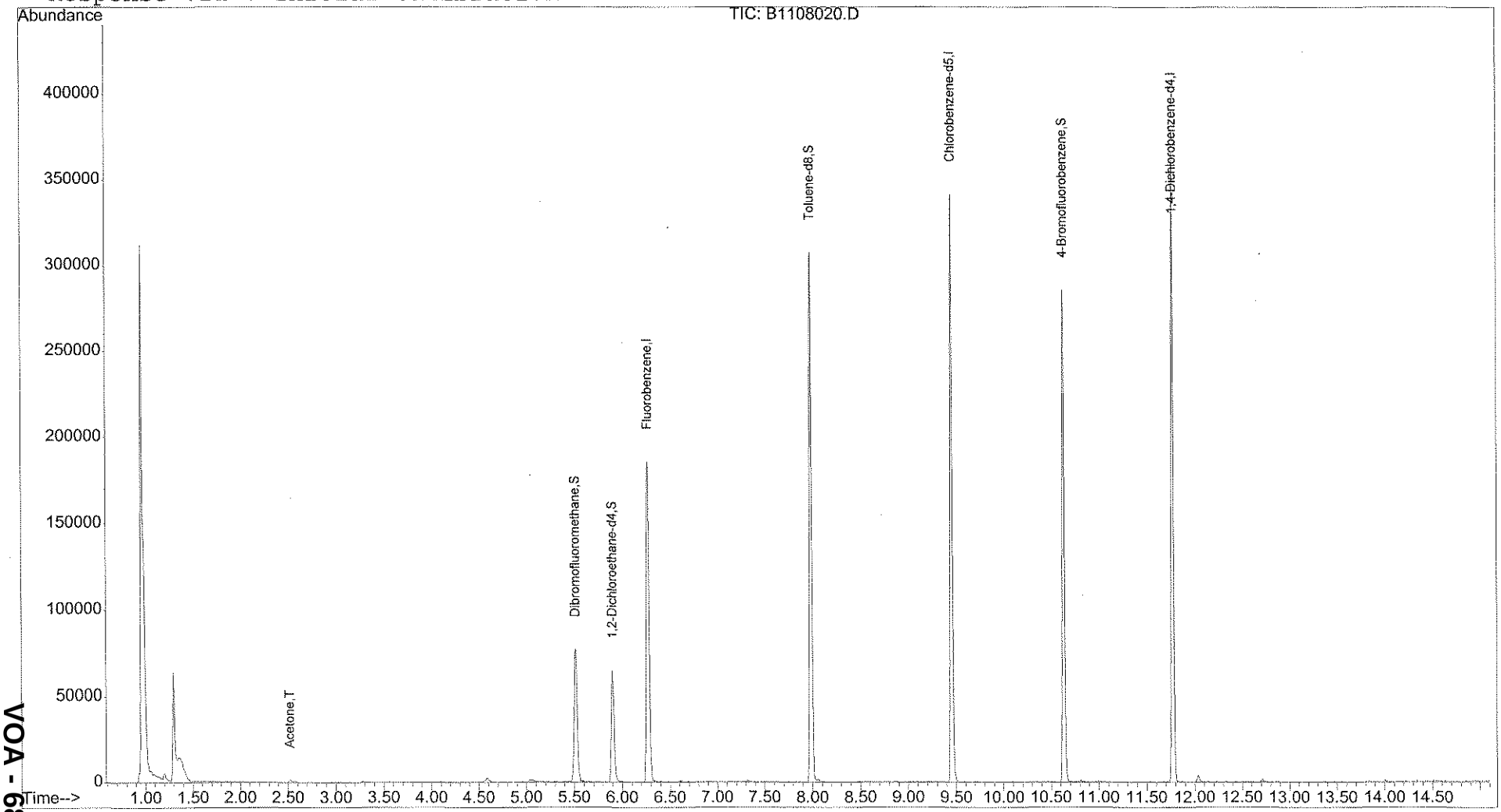
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108020.D Vial: 21
Acq On : 8 Nov 2006 17:30 Operator: DGA
Sample : JPL22-006 EB-6-11/2/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:09 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



Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108020.D Vial: 21
Acq On : 8 Nov 2006 17:30 Operator: DGA
Sample : JPL22-006 EB-6-11/2/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:09 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 : Fri Dec 01 09:32:34 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	163227	10.00 ug/l	0.00 52.48%
51) Chlorobenzene-d5	9.46	82	86828	10.00 ug/l	0.00 54.24%
71) 1,4-Dichlorobenzene-d4	11.77	152	88101	10.00 ug/l	0.00 45.73%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	49924	10.87 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	57714	12.28 ug/l	0.00
52) Toluene-d8	7.99	98	181065	10.62 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	71278	11.35 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	2.53	43	3214	5.93 ug/l #	70
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.61	76	64	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	2.97	84	67	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	62	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
B1108020.D 826025ML.M Fri Dec 01 11:09:41 2006 Page 1

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108020.D Vial: 21
Acq On : 8 Nov 2006 17:30 Operator: DGA
Sample : JPL22-006 EB-6-11/2/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:09 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 : Fri Dec 01 09:32:34 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	5.19	41	35	N.D.		
31)	Chloroform	5.31	83	259	Below Cal		79
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	5.48	56	108	N.D.		
35)	Carbon Tetrachloride	5.55	117	29	N.D.		
36)	Isobutanol	0.00	43	0	N.D.	d	
37)	1,1-Dichloropropene	5.59	75	41	N.D.		
39)	Benzene	5.93	78	34	N.D.		
40)	1,2-Dichloroethane	5.94	62	49	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	0.00	83	0	N.D.		
43)	1,2-Dichloropropane	6.90	63	33	Below Cal	#	45
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	7.07	41	34	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	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	8.05	92	136	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	0.00	97	0	N.D.		
57)	Tetrachloroethene	8.59	166	36	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	9.12	107	29	N.D.		
62)	Chlorobenzene	0.00	112	0	N.D.		
63)	1-Chlorohexane	9.59	91	37	N.D.		
64)	Ethylbenzene	9.59	91	37	N.D.		
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
66)	m,p-Xylene	9.71	106	32	N.D.		
67)	o-xylene	10.10	106	63	N.D.		
68)	Styrene	10.12	104	73	N.D.		
69)	Bromoform	10.32	173	35	N.D.		
70)	Isopropylbenzene	10.63	105	137	N.D.		
73)	1,1,2,2-Tetrachloroethane	10.89	83	34	N.D.		

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

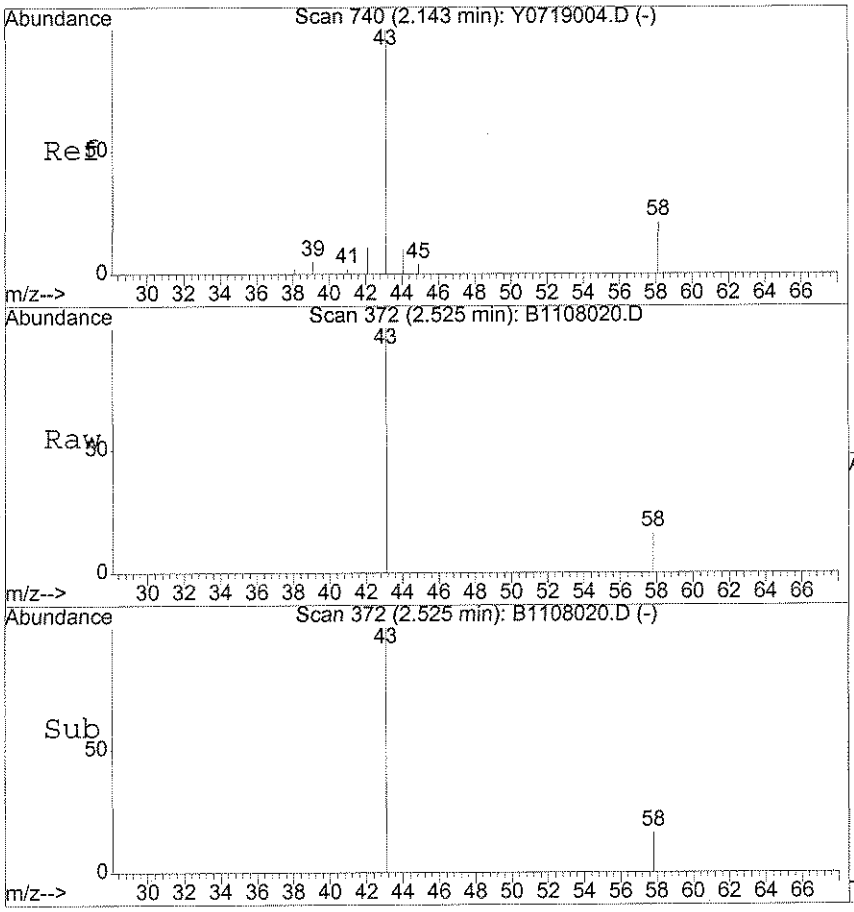
Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108020.D Vial: 21
Acq On : 8 Nov 2006 17:30 Operator: DGA
Sample : JPL22-006 EB-6-11/2/06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:09 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 : Fri Dec 01 09:32:34 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	10.65	53	29	N.D.		
76)	Bromobenzene	0.00	156	0	N.D.		
77)	1,2,3-Trichloropropane	10.98	110	42	N.D.		
78)	2-Chlorotoluene	10.87	91	46	N.D.		
79)	1,3,5-Trimethylbenzene	11.00	105	36	N.D.		
80)	4-Chlorotoluene	11.16	91	30	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.42	105	39	N.D.		
83)	sec-butylbenzene	11.42	105	39	N.D.		
84)	4-Isopropyltoluene	11.77	119	31	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d	
86)	1,4-Dichlorobenzene	11.78	146	31	N.D.		
87)	n-Butylbenzene	12.07	91	42	N.D.		
88)	1,2-Dichlorobenzene	0.00	146	0	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	14.50	180	32	N.D.		

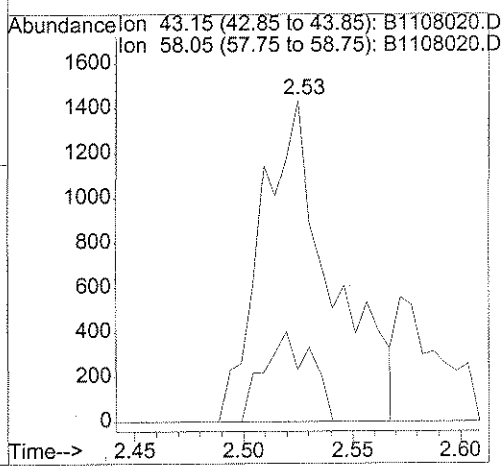
(#) = qualifier out of range (m) = manual integration

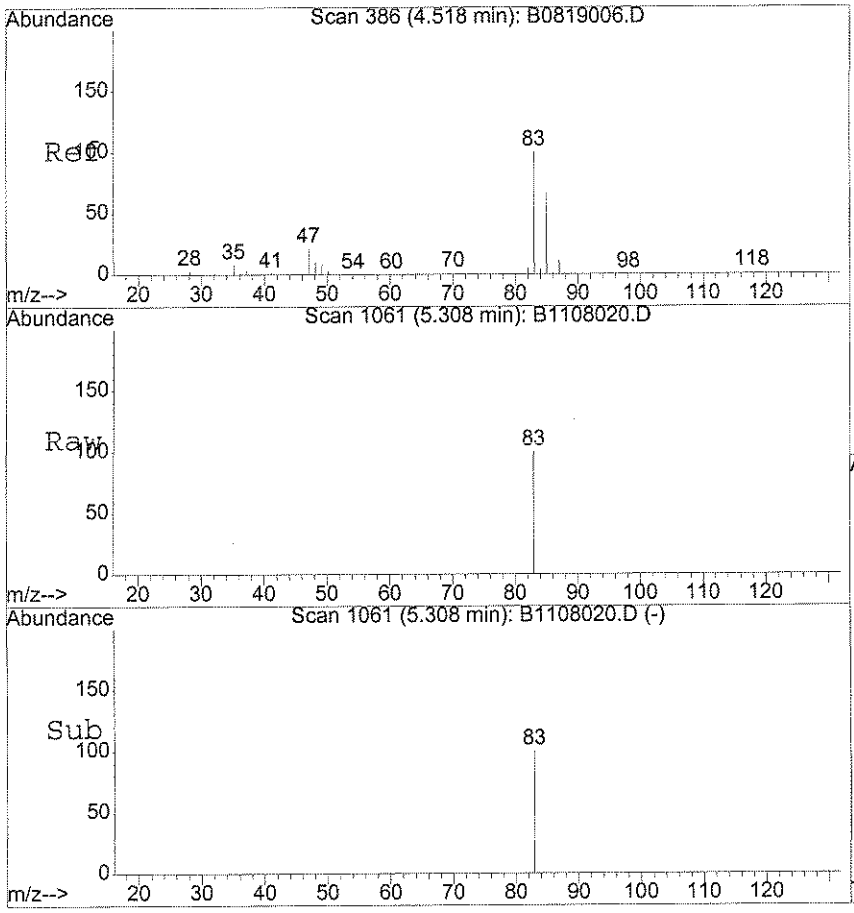


#11
Acetone
Concen: 5.93 ug/l
RT: 2.53 min Scan# 372
Delta R.T. -0.00 min
Lab File: B1108020.D
Acq: 8 Nov 2006 17:30

Tgt Ion: 43 Resp: 3214

Ion	Ratio	Lower	Upper
43	100		
58	18.8	29.2	43.8#

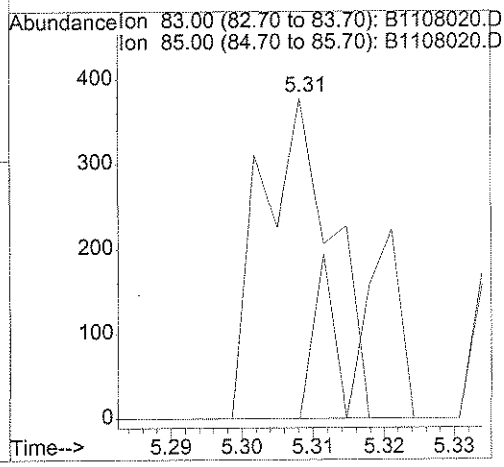




#31
Chloroform
Concen: Below Cal
RT: 5.31 min Scan# 1061
Delta R.T. -0.00 min
Lab File: B1108020.D
Acq: 8 Nov 2006 17:30

Tgt Ion: 83 Resp: 259

Ion	Ratio	Lower	Upper
83	100		
85	42.9	38.2	78.2



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-1-4Q06

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-007

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108021.D

Level: (LOW/MED) Date Collected: 11/02/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.29	J
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.2	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-1-4Q06

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-007

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108021.D

Level: (LOW/MED) _____ Date Collected: 11/02/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.49	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-1-4Q06

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-007

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108021.D

Level: (LOW/MED) Date Collected: 11/02/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

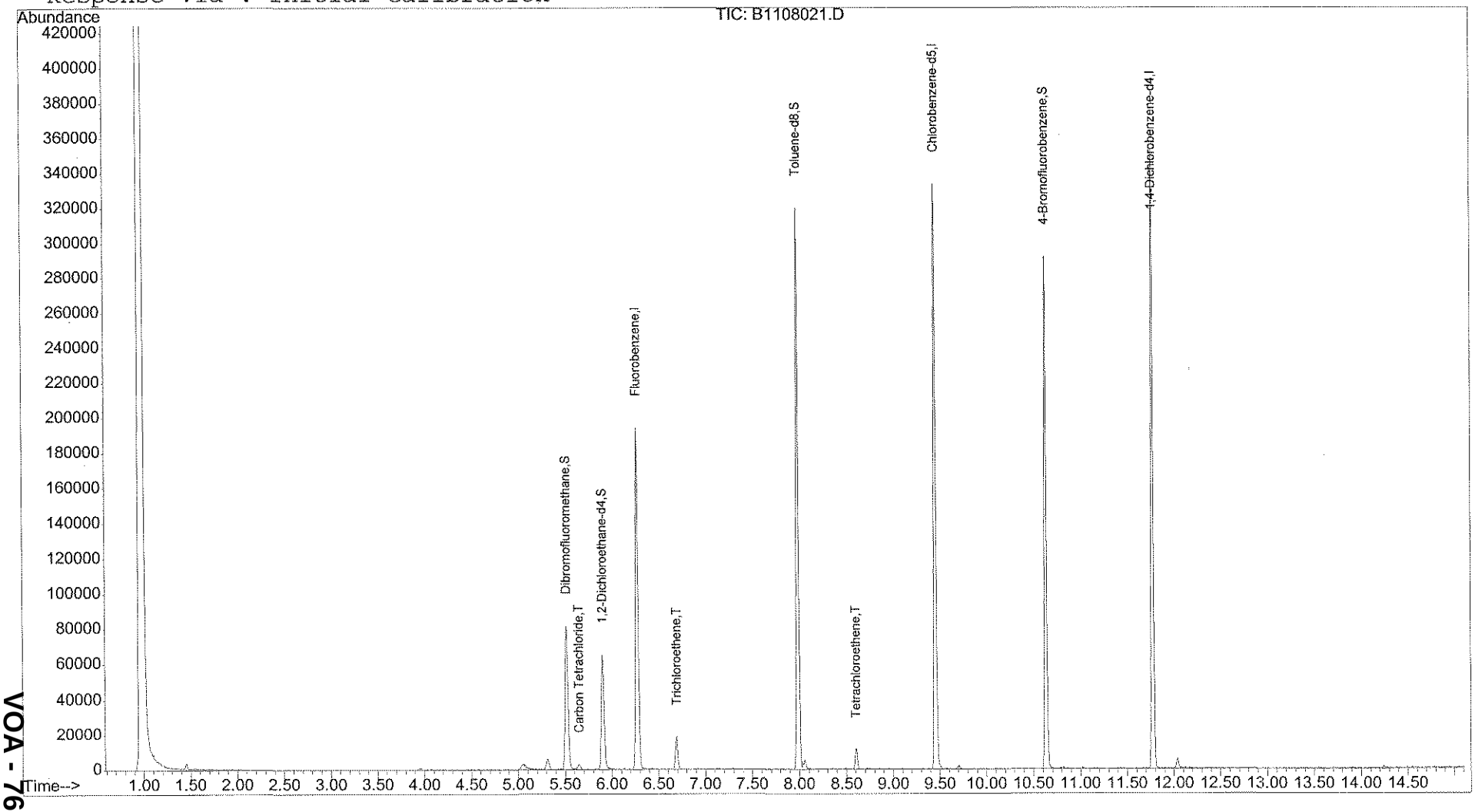
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108021.D Vial: 22
Acq On : 8 Nov 2006 18:00 Operator: DGA
Sample : JPL22-007 DUPE-1-4Q06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:11 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



Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108021.D Vial: 22
Acq On : 8 Nov 2006 18:00 Operator: DGA
Sample : JPL22-007 DUPE-1-4Q06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:11 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	162986	10.00 ug/l	0.00 52.40%
51) Chlorobenzene-d5	9.45	82	87426	10.00 ug/l	0.00 54.62%
71) 1,4-Dichlorobenzene-d4	11.77	152	86397	10.00 ug/l	0.00 44.85%
System Monitoring Compounds					
32) Dibromofluoromethane	5.51	111	51607	11.25 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	57939	12.35 ug/l	0.00
52) Toluene-d8	7.99	98	180468	10.52 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	74351	12.07 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	2.53	43	374	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.60	76	86	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	34	N.D.	
23) 1,1-Dichloroethane	3.94	63	1860	N.D.	
24) Chloroprene	4.08	53	29	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\110806\B1108021.D Vial: 22
Acq On : 8 Nov 2006 18:00 Operator: DGA
Sample : JPL22-007 DUPE-1-4Q06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:11 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	5.22	41	29	N.D.	
31)	Chloroform	5.31	83	5165	N.D.	
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	0.00	56	0	N.D.	
35)	Carbon Tetrachloride	5.65	117	2197	0.29 ug/l #	42
36)	Isobutanol	0.00	43	0	N.D. d	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.92	78	335	N.D.	
40)	1,2-Dichloroethane	5.91	62	36	N.D.	
41)	Trichloroethene	6.69	130	6096	1.18 ug/l	93
42)	Methylcyclohexane	6.69	83	31	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. d	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	Bromodichloromethane	7.29	83	90	N.D.	
49)	cis-1,3-Dichloropropene	7.87	75	30	N.D.	
50)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
53)	Toluene	8.05	92	1711	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	8.48	97	35	N.D.	
57)	Tetrachloroethene	8.60	166	3154	0.49 ug/l	93
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	0.00	107	0	N.D.	
62)	Chlorobenzene	9.46	112	39	N.D.	
63)	1-Chlorohexane	9.59	91	275	N.D.	
64)	Ethylbenzene	9.59	91	275	N.D.	
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66)	m,p-Xylene	9.70	106	593	N.D.	
67)	o-xylene	0.00	106	0	N.D.	
68)	Styrene	0.00	104	0	N.D.	
69)	Bromoform	10.53	173	30	N.D.	
70)	Isopropylbenzene	10.63	105	57	N.D.	
73)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	

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

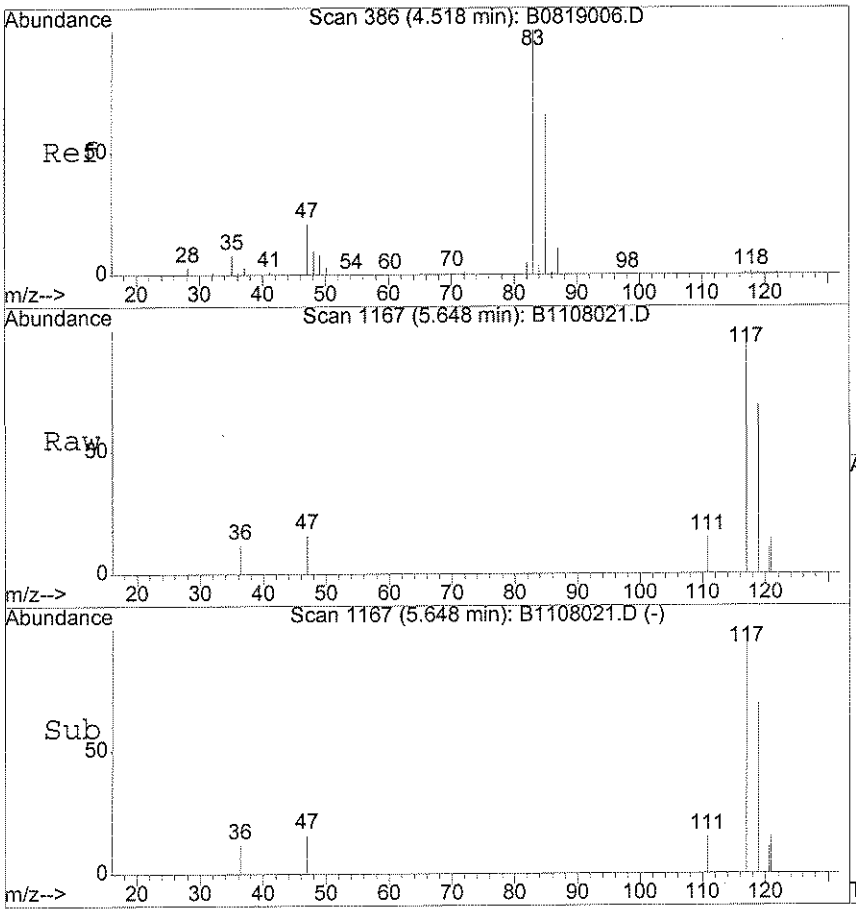
Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108021.D Vial: 22
Acq On : 8 Nov 2006 18:00 Operator: DGA
Sample : JPL22-007 DUPE-1-4Q06 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:11 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	10.97	120	30	N.D.		
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
76)	Bromobenzene	0.00	156	0	N.D.		
77)	1,2,3-Trichloropropane	10.63	110	54	N.D.		
78)	2-Chlorotoluene	10.86	91	39	N.D.		
79)	1,3,5-Trimethylbenzene	11.06	105	29	N.D.		
80)	4-Chlorotoluene	10.86	91	39	N.D.		
81)	tert-Butylbenzene	11.45	119	33	N.D.		
82)	1,2,4-Trimethylbenzene	11.61	105	33	N.D.		
83)	sec-butylbenzene	11.61	105	33	N.D.		
84)	4-Isopropyltoluene	11.71	119	32	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d	
86)	1,4-Dichlorobenzene	11.80	146	30	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.		
88)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
90)	1,2,4-Trichlorobenzene	13.62	180	36	N.D.		
91)	Hexachlorobutadiene	14.16	225	44	N.D.		
92)	Naphthalene	0.00	128	0	N.D.		
93)	1,2,3-Trichlorobenzene	14.25	180	73	N.D.		

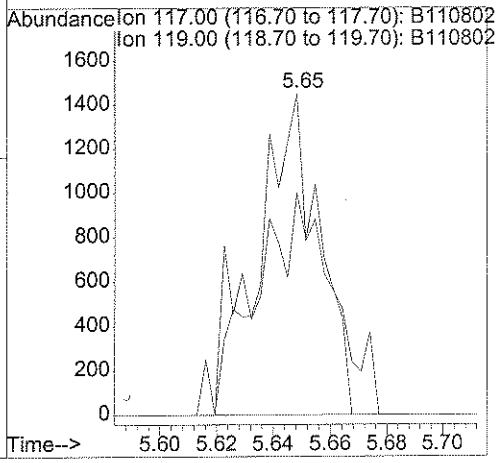
(#) = qualifier out of range (m) = manual integration

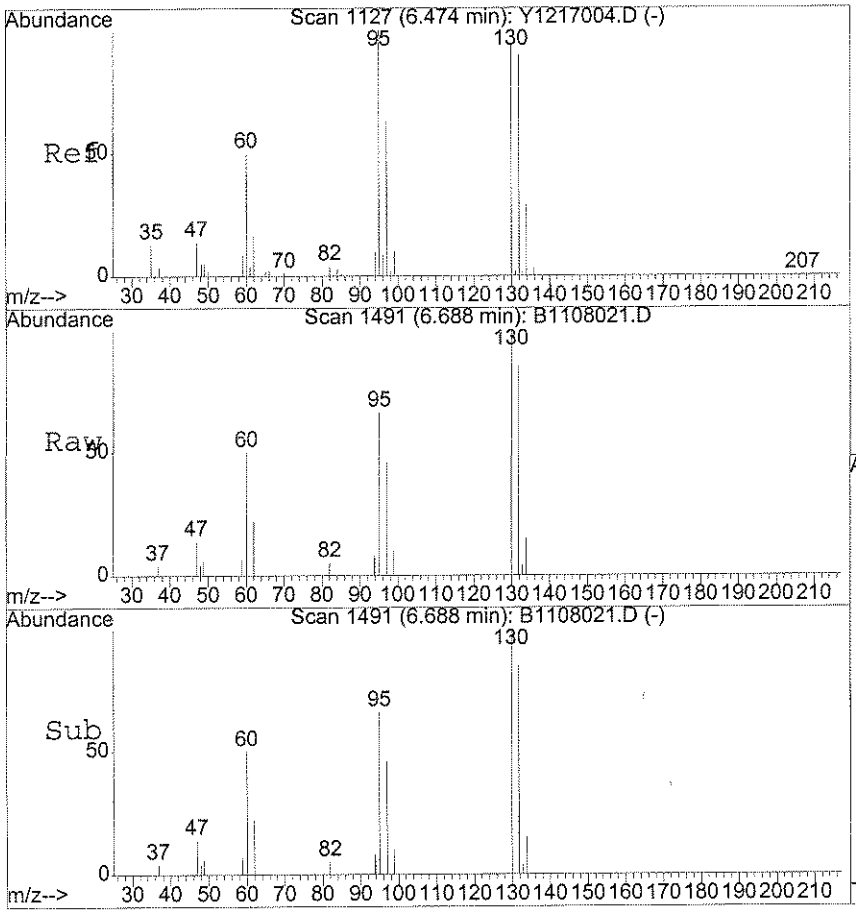


#35
Carbon Tetrachloride
Concen: 0.29 ug/l
RT: 5.65 min Scan# 1167
Delta R.T. -0.01 min
Lab File: B1108021.D
Acq: 8 Nov 2006 18:00

Tgt Ion:117 Resp: 2197

Ion	Ratio	Lower	Upper
117	100		
119	39.8	76.7	116.7#

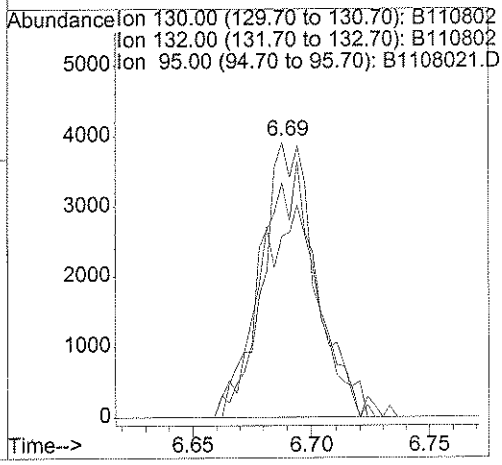


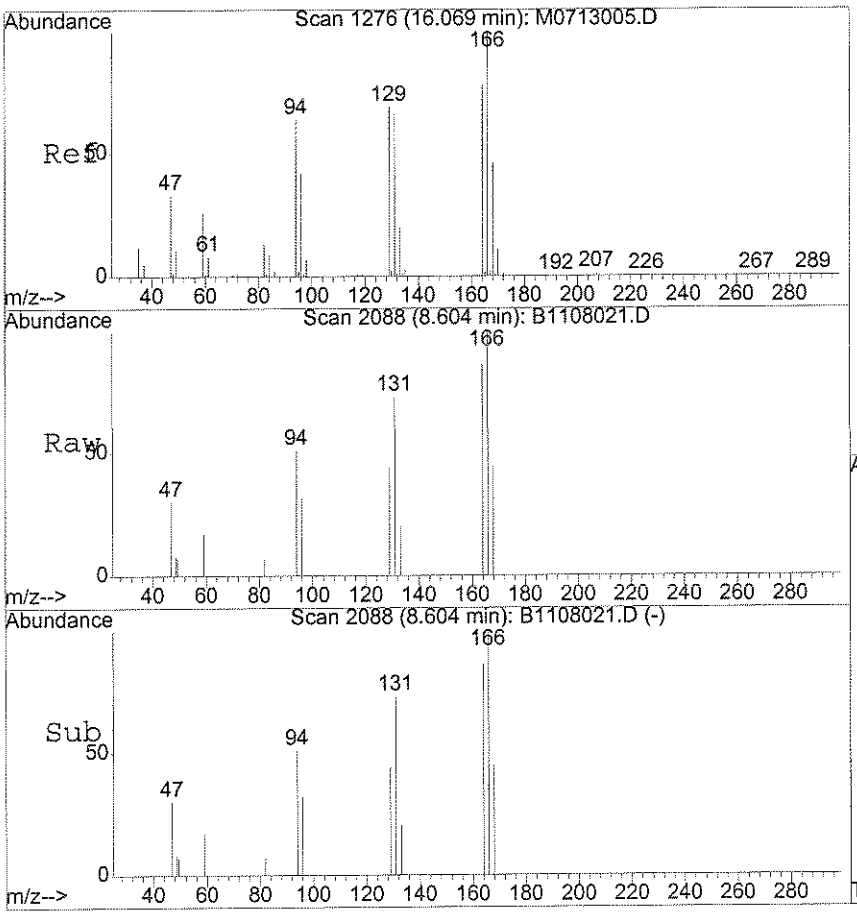


#41
Trichloroethene
Concen: 1.18 ug/l
RT: 6.69 min Scan# 1491
Delta R.T. -0.01 min
Lab File: B1108021.D
Acq: 8 Nov 2006 18:00

Tgt Ion:130 Resp: 6096

Ion	Ratio	Lower	Upper
130	100		
132	95.0	81.1	121.1
95	87.4	60.0	100.0

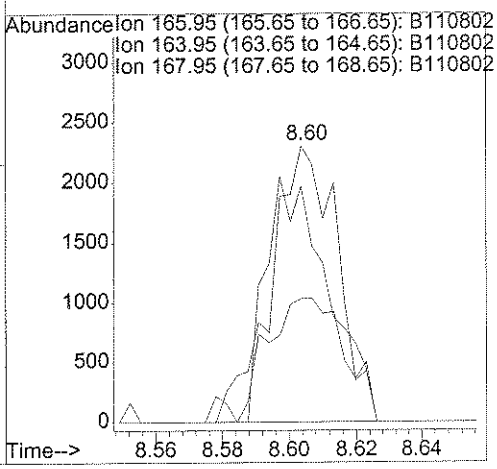




#57
Tetrachloroethene
Concen: 0.49 ug/l
RT: 8.60 min Scan# 2088
Delta R.T. -0.01 min
Lab File: B1108021.D
Acq: 8 Nov 2006 18:00

Tgt Ion:166 Resp: 3154

Ion	Ratio	Lower	Upper
166	100		
164	83.9	60.8	91.2
168	52.3	39.4	59.0



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-1

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-008

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108022.D

Level: (LOW/MED) Date Collected: 11/02/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-1

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-008

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108022.D

Level: (LOW/MED) Date Collected: 11/02/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-1

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-008

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108022.D

Level: (LOW/MED) Date Collected: 11/02/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

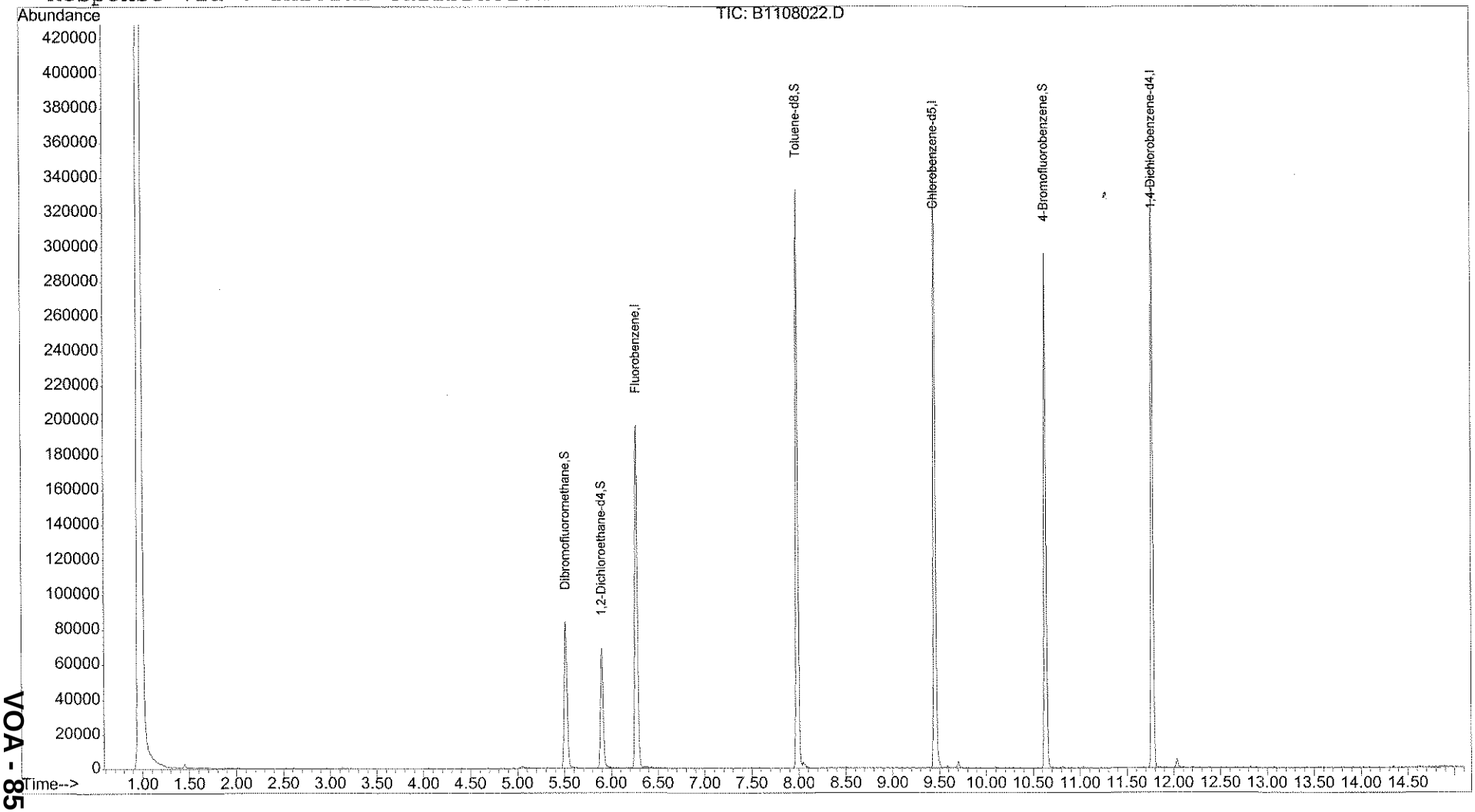
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108022.D Vial: 23
Acq On : 8 Nov 2006 18:30 Operator: DGA
Sample : JPL22-008 MW-17-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:16 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 - 85

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108022.D Vial: 23
Acq On : 8 Nov 2006 18:30 Operator: DGA
Sample : JPL22-008 MW-17-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:16 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	166451	10.00 ug/l	0.00 53.52%
51) Chlorobenzene-d5	9.45	82	91822	10.00 ug/l	0.00 57.36%
71) 1,4-Dichlorobenzene-d4	11.77	152	89291	10.00 ug/l	0.00 46.35%
System Monitoring Compounds					
32) Dibromofluoromethane	5.51	111	53617	11.45 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	60451	12.61 ug/l	0.00
52) Toluene-d8	7.99	98	190994	10.60 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	73820	11.59 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	1.59	96	66	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	2.53	43	316	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.61	76	328	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	4.06	43	40	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\110806\B1108022.D Vial: 23
Acq On : 8 Nov 2006 18:30 Operator: DGA
Sample : JPL22-008 MW-17-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:16 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	5.25	41	31	N.D.	
31) Chloroform	5.31	83	100	Below Cal #	22
33) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
34) Cyclohexane	5.51	56	34	N.D.	
35) Carbon Tetrachloride	5.75	117	32	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	48	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	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	0.00	83	0	N.D.	
49) cis-1,3-Dichloropropene	7.88	75	30	N.D.	
50) 4-Methyl-2-pentanone	0.00	43	0	N.D. d	
53) Toluene	8.05	92	779	N.D.	
54) Ethyl methacrylate	8.46	69	30	N.D.	
55) trans-1,3-Dichloropropene	8.18	75	30	N.D.	
56) 1,1,2-Trichloroethane	8.51	97	42	N.D.	
57) Tetrachloroethene	8.60	166	31	N.D.	
58) 2-Hexanone	0.00	43	0	N.D. d	
59) 1,3-Dichloropropane	8.80	76	30	N.D.	
60) Dibromochloromethane	0.00	129	0	N.D.	
61) 1,2-Dibromoethane	0.00	107	0	N.D.	
62) Chlorobenzene	9.61	112	29	N.D.	
63) 1-Chlorohexane	9.58	91	301	N.D.	
64) Ethylbenzene	9.58	91	301	N.D.	
65) 1,1,1,2-Tetrachloroethane	9.38	131	48	N.D.	
66) m,p-Xylene	9.59	106	123	N.D.	
67) o-xylene	10.10	106	123	N.D.	
68) Styrene	10.13	104	82	N.D.	
69) Bromoform	10.33	173	31	N.D.	
70) Isopropylbenzene	10.64	105	41	N.D.	
73) 1,1,2,2-Tetrachloroethane	10.65	83	33	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108022.D Vial: 23
Acq On : 8 Nov 2006 18:30 Operator: DGA
Sample : JPL22-008 MW-17-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:16 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	11.05	120	45	N.D.		
75)	trans-1,4-Dichloro-2-buten	10.63	53	30	N.D.		
76)	Bromobenzene	0.00	156	0	N.D.		
77)	1,2,3-Trichloropropane	11.06	110	33	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	11.25	91	32	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.52	105	33	N.D.		
83)	sec-butylbenzene	11.52	105	33	N.D.		
84)	4-Isopropyltoluene	11.75	119	31	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d	
86)	1,4-Dichlorobenzene	11.81	146	35	N.D.		
87)	n-Butylbenzene	11.94	91	35	N.D.		
88)	1,2-Dichlorobenzene	0.00	146	0	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
90)	1,2,4-Trichlorobenzene	13.80	180	34	N.D.		
91)	Hexachlorobutadiene	13.91	225	30	N.D.		
92)	Naphthalene	0.00	128	0	N.D.	d	
93)	1,2,3-Trichlorobenzene	14.22	180	52	N.D.		

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-2

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-009

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108023.D

Level: (LOW/MED) Date Collected: 11/02/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-2

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-009

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108023.D

Level: (LOW/MED) Date Collected: 11/02/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.48	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-2

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-009

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108023.D

Level: (LOW/MED) Date Collected: 11/02/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

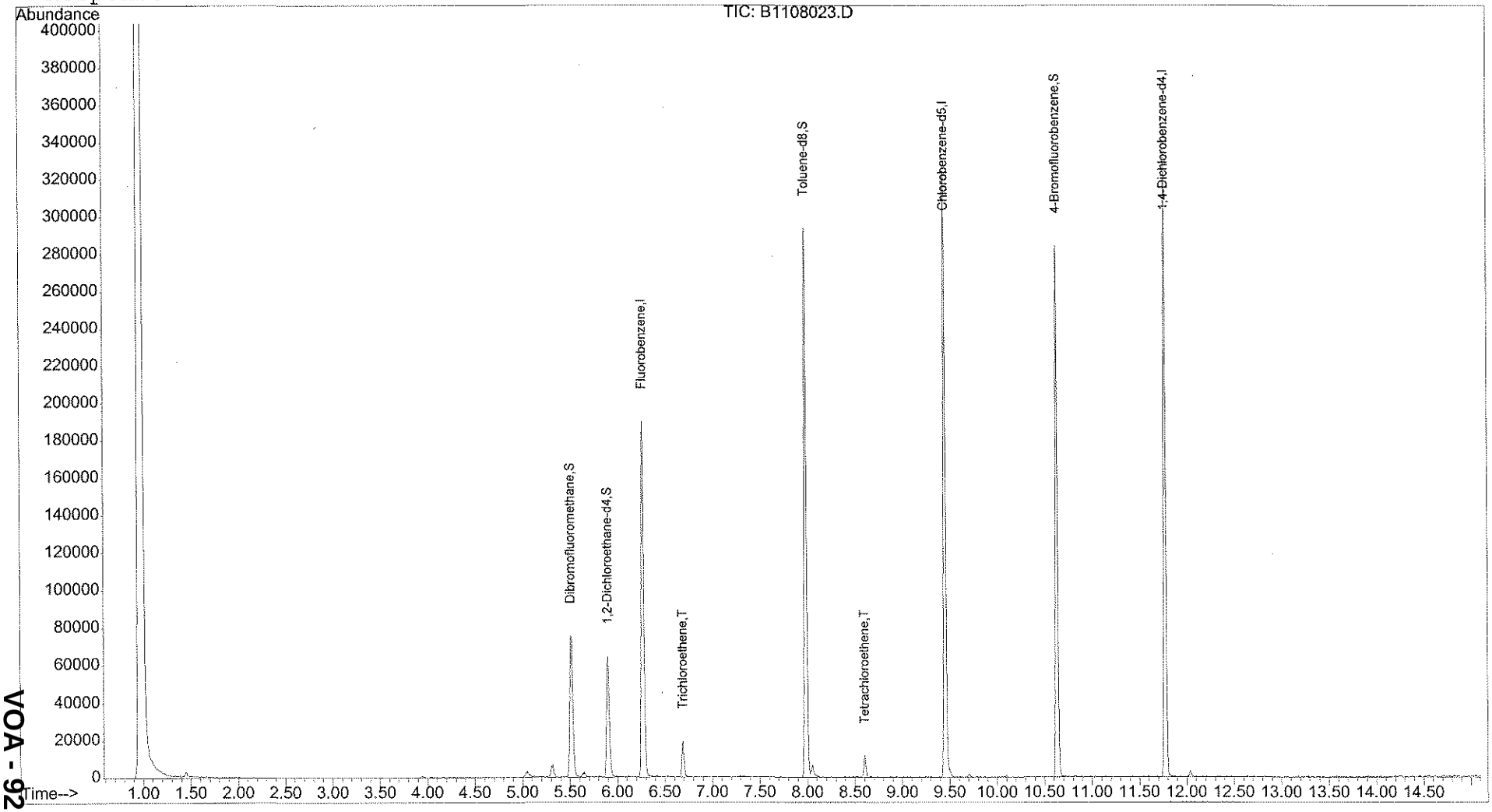
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108023.D Vial: 24
Acq On : 8 Nov 2006 19:00 Operator: DGA
Sample : JPL22-009 MW-17-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:17 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



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Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108023.D Vial: 24
Acq On : 8 Nov 2006 19:00 Operator: DGA
Sample : JPL22-009 MW-17-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:17 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	160677	10.00	ug/l	0.00 51.66%
51) Chlorobenzene-d5	9.45	82	85210	10.00	ug/l	0.00 53.23%
71) 1,4-Dichlorobenzene-d4	11.77	152	80522	10.00	ug/l	0.00 41.80%
System Monitoring Compounds						
32) Dibromofluoromethane	5.52	111	49625	10.98	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	55147	11.92	ug/l	0.00
52) Toluene-d8	7.99	98	172184	10.29	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	68925	12.00	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	2.61	76	82	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	4.08	43	31	N.D.		
23) 1,1-Dichloroethane	3.94	63	1552	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\110806\B1108023.D Vial: 24
Acq On : 8 Nov 2006 19:00 Operator: DGA
Sample : JPL22-009 MW-17-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:17 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	2749	Below Cal #	9
33) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
34) Cyclohexane	5.54	56	35	N.D.	
35) Carbon Tetrachloride	5.63	117	452	N.D.	
36) Isobutanol	0.00	43	0	N.D. d	
37) 1,1-Dichloropropene	5.64	75	30	N.D.	
39) Benzene	5.92	78	544	N.D.	
40) 1,2-Dichloroethane	6.01	62	33	N.D.	
41) Trichloroethene	6.68	130	5705m	1.12 ug/l	1
42) Methylcyclohexane	6.69	83	43	N.D.	
43) 1,2-Dichloropropane	6.93	63	31	Below Cal #	45
44) Dibromomethane	7.27	93	31	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	198	N.D.	
49) cis-1,3-Dichloropropene	7.86	75	30	N.D.	
50) 4-Methyl-2-pentanone	0.00	43	0	N.D. d	
53) Toluene	8.05	92	1599	N.D.	
54) Ethyl methacrylate	0.00	69	0	N.D.	
55) trans-1,3-Dichloropropene	8.51	75	32	N.D.	
56) 1,1,2-Trichloroethane	8.44	97	42	N.D.	
57) Tetrachloroethene	8.61	166	3058	0.48 ug/l	94
58) 2-Hexanone	0.00	43	0	N.D. d	
59) 1,3-Dichloropropane	8.75	76	29	N.D.	
60) Dibromochloromethane	0.00	129	0	N.D.	
61) 1,2-Dibromoethane	0.00	107	0	N.D.	
62) Chlorobenzene	9.48	112	31	N.D.	
63) 1-Chlorohexane	9.59	91	155	N.D.	
64) Ethylbenzene	9.59	91	155	N.D.	
65) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66) m,p-Xylene	9.70	106	258	N.D.	
67) o-xylene	10.10	106	50	N.D.	
68) Styrene	10.36	104	34	N.D.	
69) Bromoform	0.00	173	0	N.D.	
70) Isopropylbenzene	10.64	105	119	N.D.	
73) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	

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

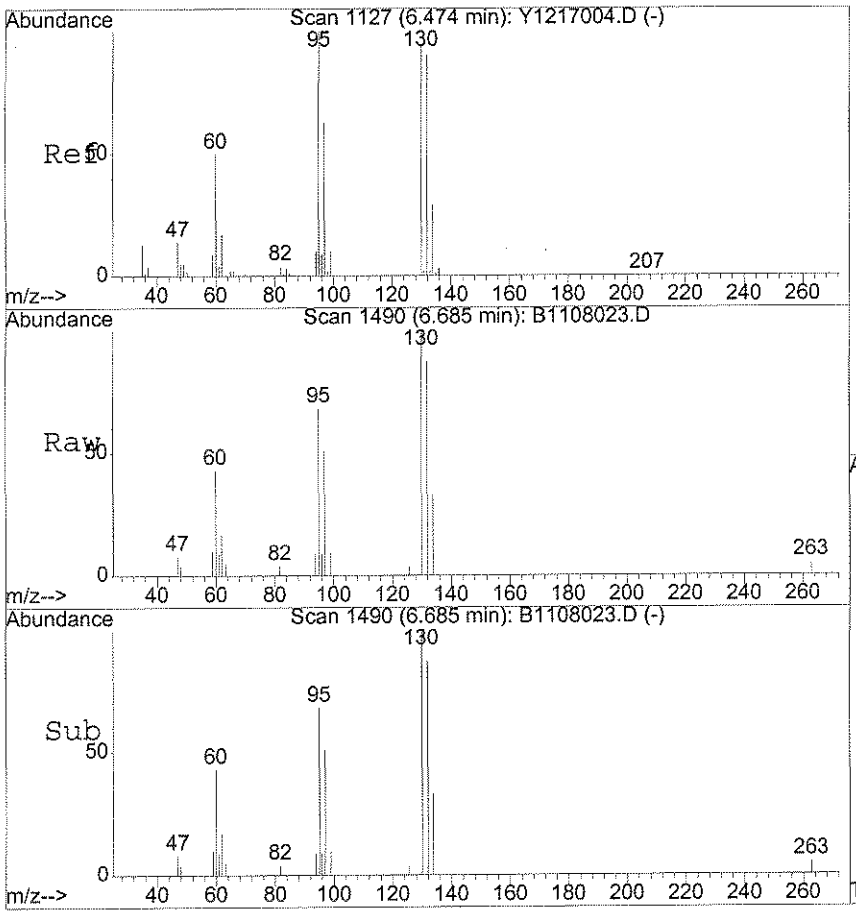
Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108023.D Vial: 24
Acq On : 8 Nov 2006 19:00 Operator: DGA
Sample : JPL22-009 MW-17-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:17 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	10.97	120	60	N.D.		
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
76)	Bromobenzene	0.00	156	0	N.D.		
77)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
78)	2-Chlorotoluene	10.88	91	67	N.D.		
79)	1,3,5-Trimethylbenzene	10.96	105	77	N.D.		
80)	4-Chlorotoluene	10.88	91	35	N.D.		
81)	tert-Butylbenzene	11.13	119	38	N.D.		
82)	1,2,4-Trimethylbenzene	11.60	105	39	N.D.		
83)	sec-butylbenzene	11.60	105	39	N.D.		
84)	4-Isopropyltoluene	11.79	119	37	N.D.		
85)	1,3-Dichlorobenzene	11.76	111	629	N.D.		
86)	1,4-Dichlorobenzene	11.79	146	50	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.		
88)	1,2-Dichlorobenzene	12.16	146	65	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		d
90)	1,2,4-Trichlorobenzene	13.51	180	33	N.D.		
91)	Hexachlorobutadiene	0.00	225	0	N.D.		
92)	Naphthalene	0.00	128	0	N.D.		d
93)	1,2,3-Trichlorobenzene	14.25	180	172	N.D.		

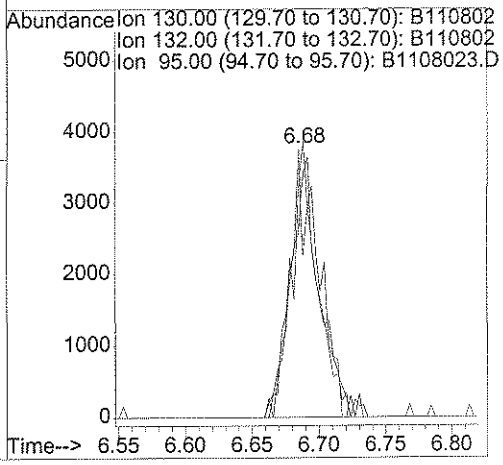
(#) = qualifier out of range (m) = manual integration

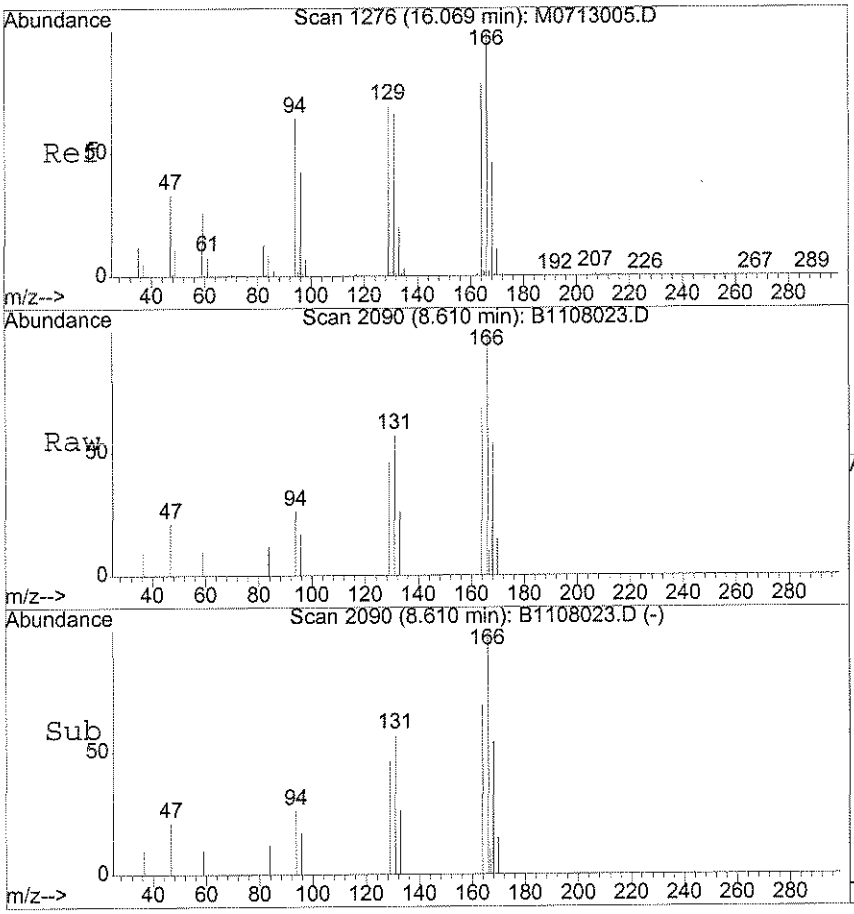


#41
Trichloroethene
Concen: 1.12 ug/l m
RT: 6.68 min Scan# 1490
Delta R.T. -0.01 min
Lab File: B1108023.D
Acq: 8 Nov 2006 19:00

Tgt Ion:130 Resp: 5705

Ion	Ratio	Lower	Upper
130	100		
132	92.6	81.1	121.1
95	91.6	60.0	100.0

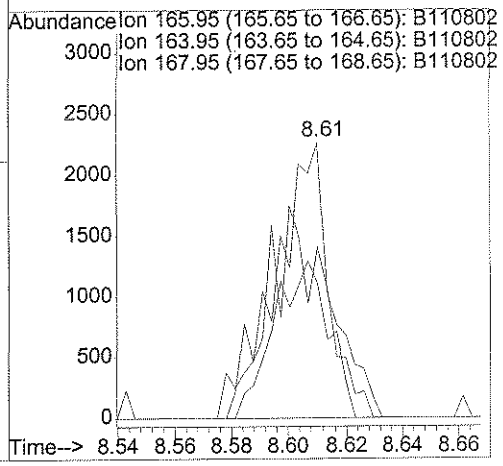




#57
Tetrachloroethene
Concen: 0.48 ug/l
RT: 8.61 min Scan# 2090
Delta R.T. 0.00 min
Lab File: B1108023.D
Acq: 8 Nov 2006 19:00

Tgt Ion:166 Resp: 3058

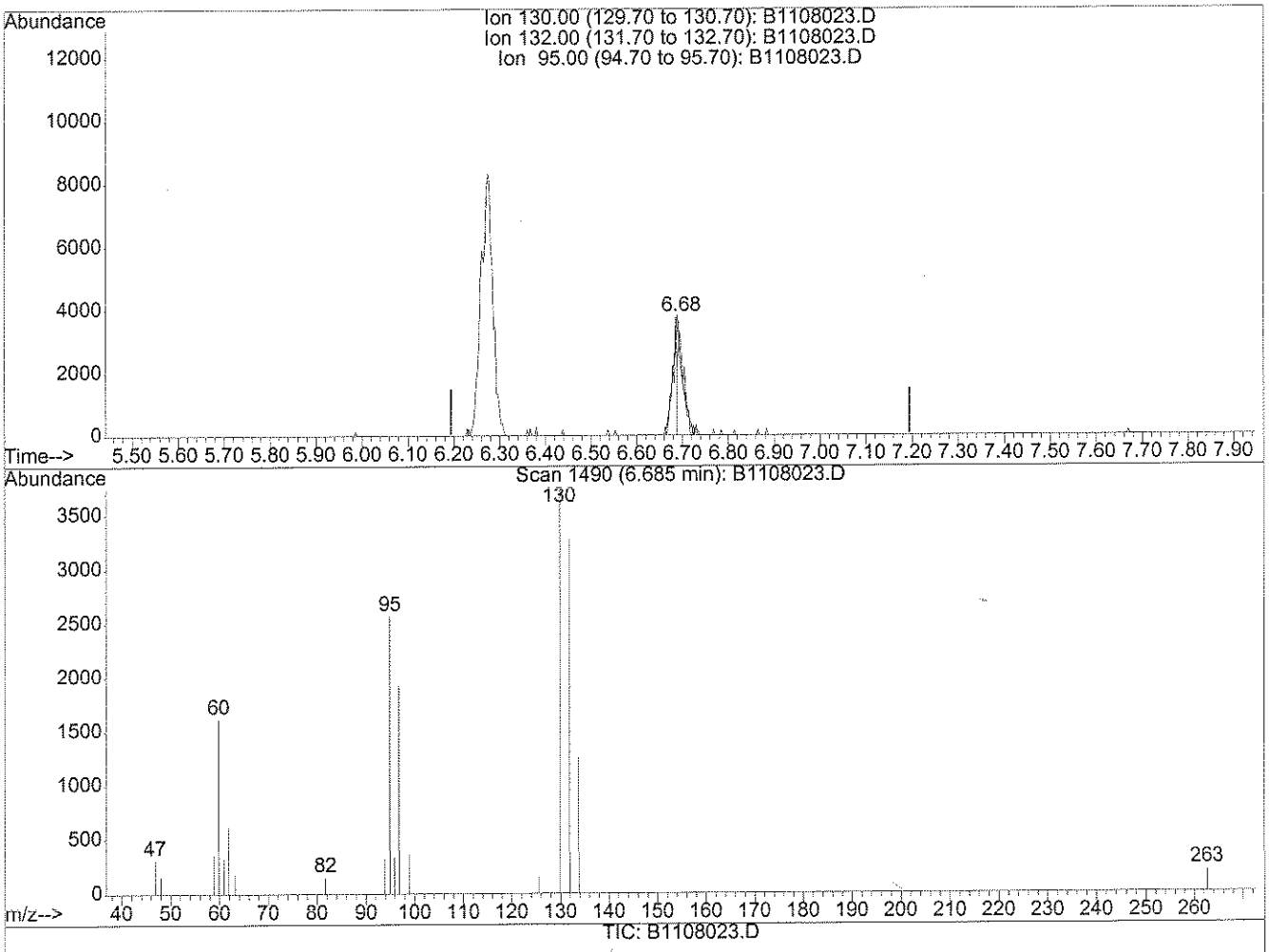
Ion	Ratio	Lower	Upper
166	100		
164	79.4	60.8	91.2
168	55.8	39.4	59.0



Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\110806\B1108023.D Vial: 24
Acq On : 8 Nov 2006 19:00 Operator: DGA
Sample : JPL22-009 MW-17-2 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:17 2006 Quant Results File: temp.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 : Multiple Level Calibration



(41) Trichloroethene (T)

6.68min 0.53ug/l

response 2668

Ion	Exp%	Act%
130.00	100	100
132.00	101.10	197.94#
95.00	80.00	195.95#
0.00	0.00	0.00

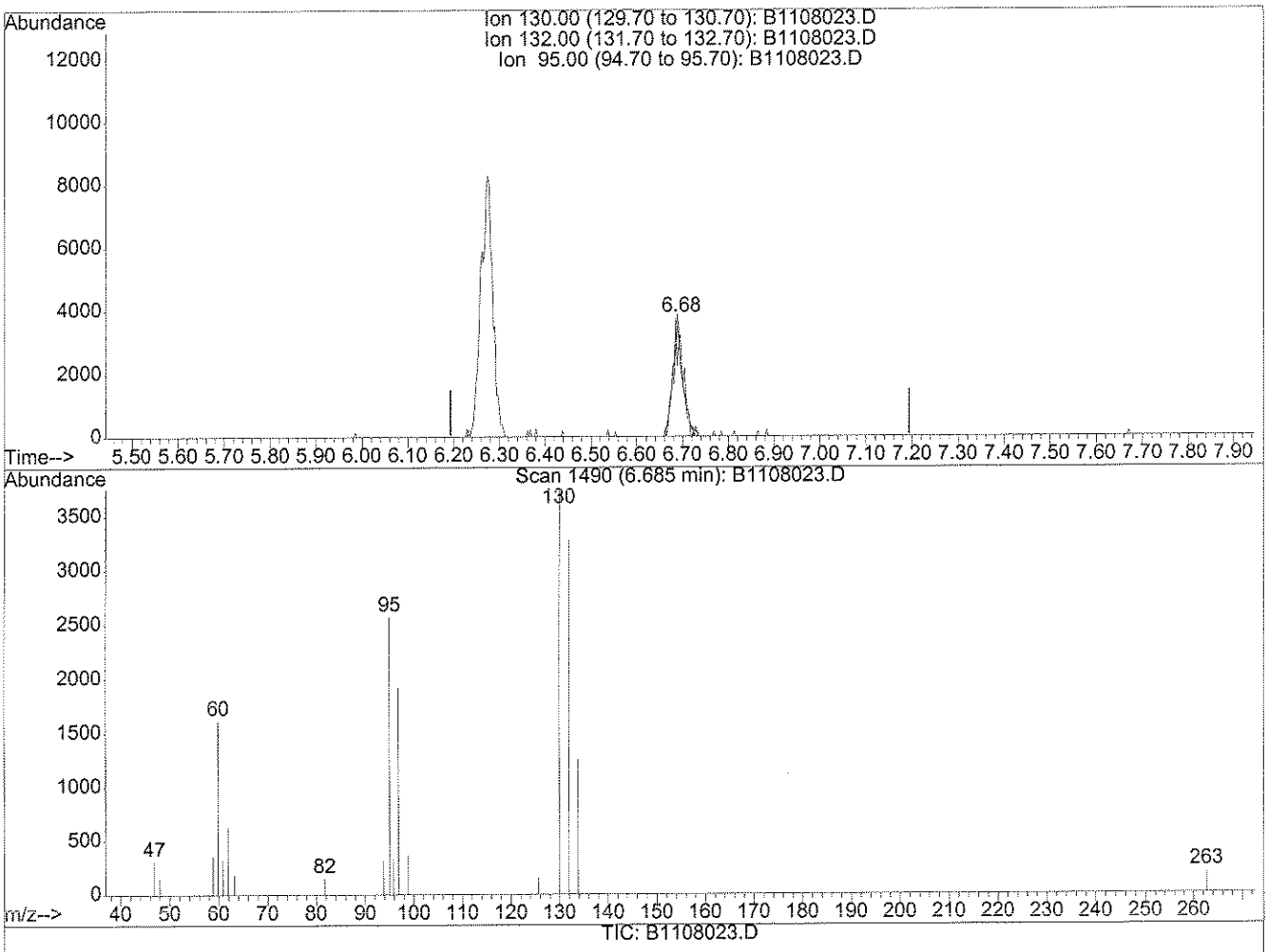
Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\110806\B1108023.D
Acq On : 8 Nov 2006 19:00
Sample : JPL22-009 MW-17-2
Misc : 25ML +IS/SS (524)
MS Integration Params: rteint.p
Quant Time: Dec 1 11:17 2006

Vial: 24
Operator: DGA
Inst : Buddha
Multiplr: 1.00

Quant Results File: temp.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 : Multiple Level Calibration



(41) Trichloroethene (T)

6.68min 1.12ug/l m

response 5705

Ion	Exp%	Act%
130.00	100	100
132.00	101.10	92.57
95.00	80.00	91.64
0.00	0.00	0.00

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-5

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-010

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108024.D

Level: (LOW/MED) Date Collected: 11/03/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-5

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-010

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108024.D

Level: (LOW/MED) Date Collected: 11/03/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-5

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-010

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108024.D

Level: (LOW/MED) Date Collected: 11/03/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

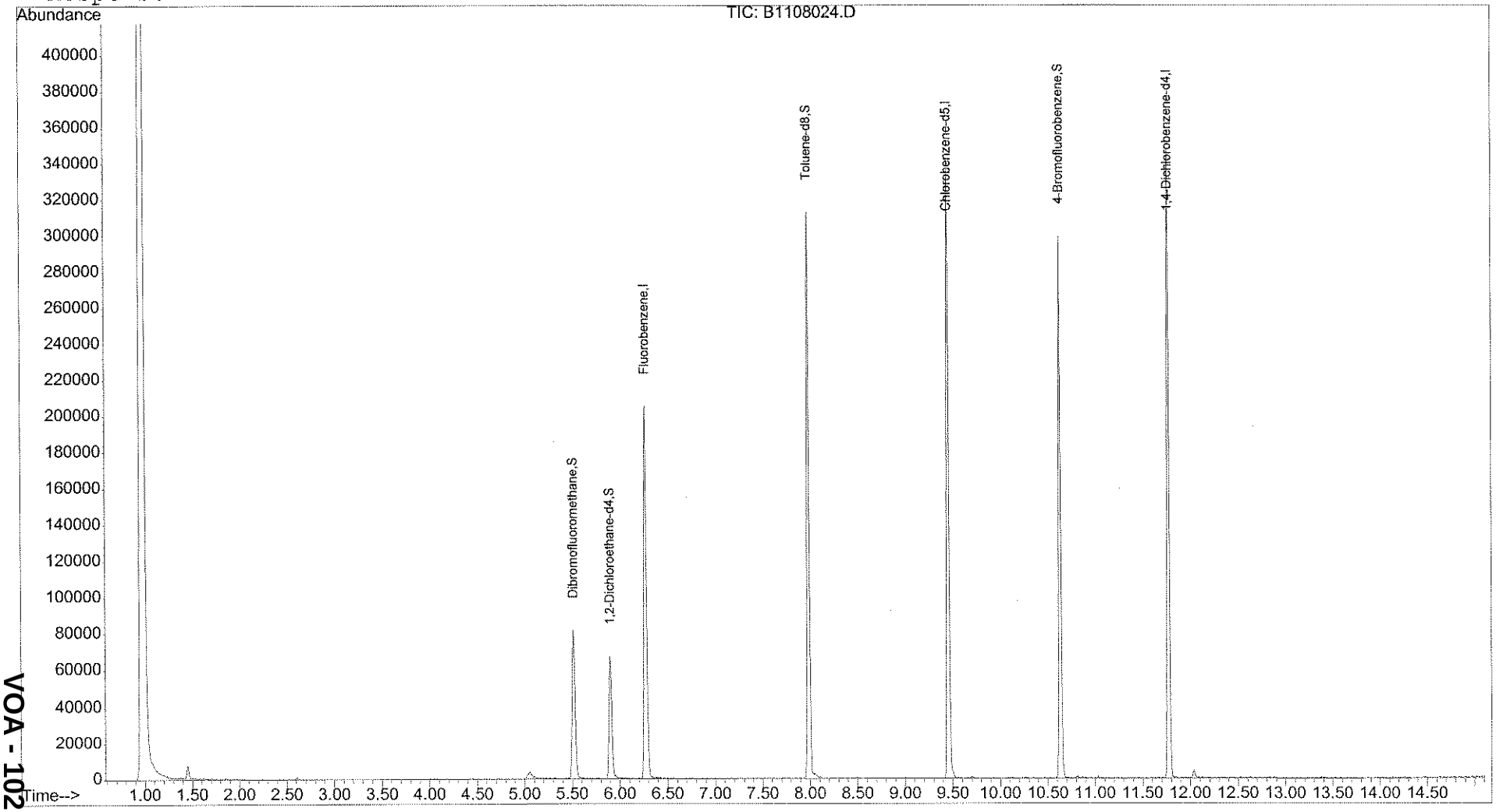
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108024.D Vial: 25
Acq On : 8 Nov 2006 19:29 Operator: DGA
Sample : JPL22-010 MW-14-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:19 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 - 102

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108024.D Vial: 25
Acq On : 8 Nov 2006 19:29 Operator: DGA
Sample : JPL22-010 MW-14-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:19 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	166130	10.00	ug/l	0.00 53.42%
51) Chlorobenzene-d5	9.45	82	87962	10.00	ug/l	0.00 54.95%
71) 1,4-Dichlorobenzene-d4	11.78	152	85038	10.00	ug/l	0.00 44.14%
System Monitoring Compounds						
32) Dibromofluoromethane	5.52	111	51798	11.08	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	59324	12.40	ug/l	0.00
52) Toluene-d8	7.99	98	179954	10.42	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	75082	12.38	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	2.61	76	1997	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	4.73	77	31	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\110806\B1108024.D Vial: 25
Acq On : 8 Nov 2006 19:29 Operator: DGA
Sample : JPL22-010 MW-14-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:19 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	5.32	41	32	N.D.	
31) Chloroform	0.00	83	0	N.D.	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) Isobutanol	0.00	43	0	N.D.	d
37) 1,1-Dichloropropene	5.67	75	31	N.D.	
39) Benzene	5.92	78	45	N.D.	
40) 1,2-Dichloroethane	5.93	62	60	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.	d
44) Dibromomethane	0.00	93	0	N.D.	
45) Methyl methacrylate	7.00	41	31	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	0.00	83	0	N.D.	
49) cis-1,3-Dichloropropene	7.79	75	33	N.D.	
50) 4-Methyl-2-pentanone	0.00	43	0	N.D.	d
53) Toluene	8.05	92	172	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	8.55	97	69	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	0.00	107	0	N.D.	
62) Chlorobenzene	9.46	112	29	N.D.	
63) 1-Chlorohexane	9.59	91	109	N.D.	
64) Ethylbenzene	9.59	91	109	N.D.	
65) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66) m,p-Xylene	9.70	106	131	N.D.	
67) o-xylene	0.00	106	0	N.D.	
68) Styrene	10.12	104	230	N.D.	
69) Bromoform	10.34	173	29	N.D.	
70) Isopropylbenzene	10.62	105	181	N.D.	
73) 1,1,2,2-Tetrachloroethane	10.87	83	31	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108024.D Vial: 25
Acq On : 8 Nov 2006 19:29 Operator: DGA
Sample : JPL22-010 MW-14-5 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:19 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	0.00	156	0	N.D.		
77)	1,2,3-Trichloropropane	10.86	110	31	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	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.42	105	30	N.D.		
83)	sec-butylbenzene	11.42	105	30	N.D.		
84)	4-Isopropyltoluene	11.73	119	56	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.		d
86)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	12.29	91	33	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	14.24	225	30	N.D.		
92)	Naphthalene	0.00	128	0	N.D.		
93)	1,2,3-Trichlorobenzene	14.24	180	32	N.D.		

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-4

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-011

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108025.D

Level: (LOW/MED) Date Collected: 11/03/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-4

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-011

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108025.D

Level: (LOW/MED) Date Collected: 11/03/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-4

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-011

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108025.D

Level: (LOW/MED) Date Collected: 11/03/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

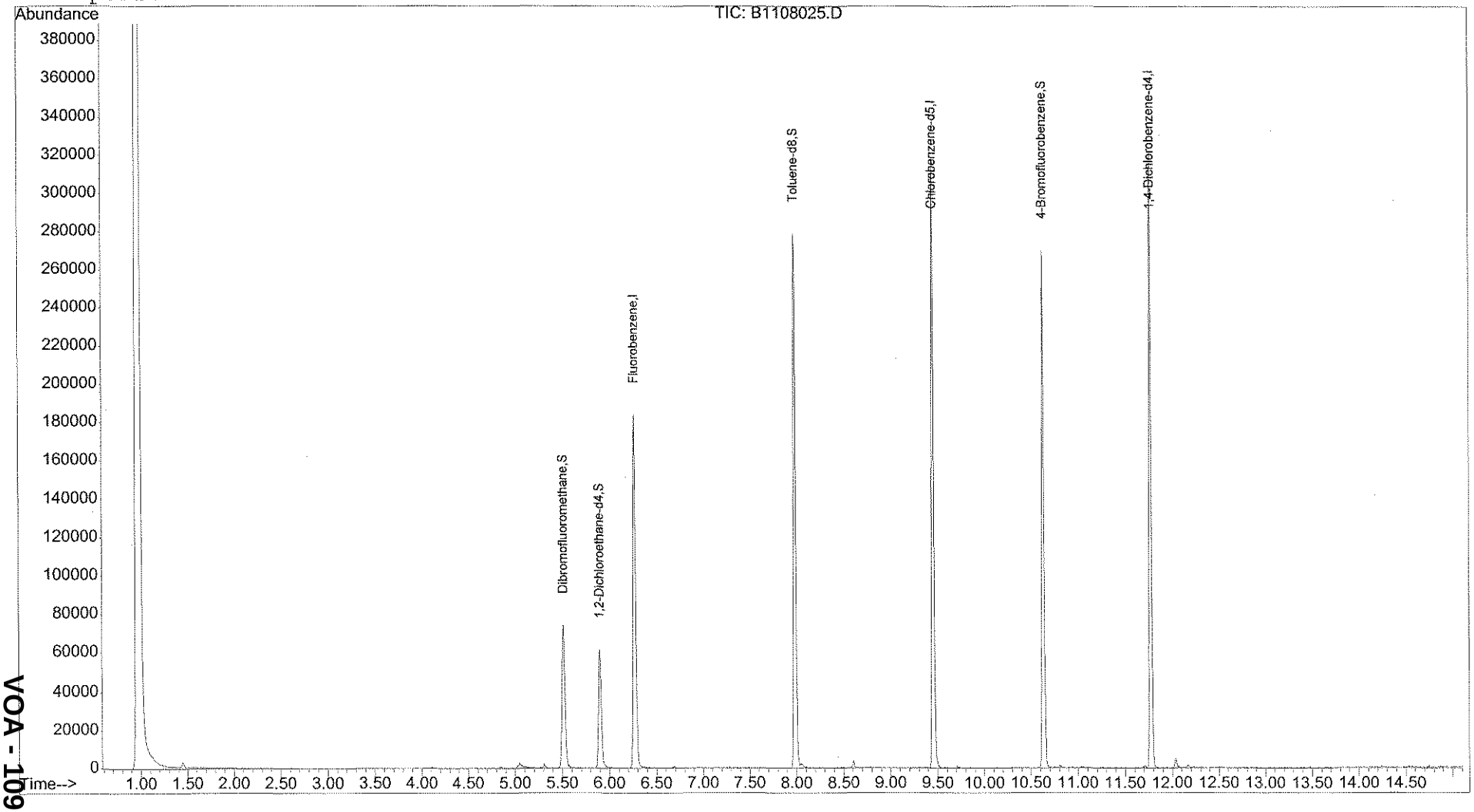
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108025.D Vial: 26
Acq On : 8 Nov 2006 19:59 Operator: DGA
Sample : JPL22-011 MW-14-6 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:20 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



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Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108025.D Vial: 26
Acq On : 8 Nov 2006 19:59 Operator: DGA
Sample : JPL22-011 MW-14-6 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:20 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	150685	10.00 ug/l	0.00 48.45%
51) Chlorobenzene-d5	9.46	82	82607	10.00 ug/l	0.00 51.61%
71) 1,4-Dichlorobenzene-d4	11.77	152	79890	10.00 ug/l	0.00 41.47%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	47793	11.27 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	54195	12.49 ug/l	0.00
52) Toluene-d8	7.98	98	166908	10.29 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	68580	12.04 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	2.60	76	506	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	4.07	43	35	N.D.	
23) 1,1-Dichloroethane	3.94	63	443	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	4.85	96	114	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108025.D Vial: 26
Acq On : 8 Nov 2006 19:59 Operator: DGA
Sample : JPL22-011 MW-14-6 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:20 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	5.09	128	41	N.D.	
30) Methacrylonitrile	5.11	41	40	N.D.	
31) Chloroform	5.30	83	988	Below Cal	88
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	5.56	75	34	N.D.	
39) Benzene	5.92	78	34	N.D.	
40) 1,2-Dichloroethane	0.00	62	0	N.D.	
41) Trichloroethene	6.69	130	47	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	7.22	41	37	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	7.32	83	37	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	444	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	0.00	97	0	N.D.	
57) Tetrachloroethene	8.61	166	877	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	0.00	107	0	N.D.	
62) Chlorobenzene	0.00	112	0	N.D.	
63) 1-Chlorohexane	9.58	91	221	N.D.	
64) Ethylbenzene	9.58	91	221	N.D.	
65) 1,1,1,2-Tetrachloroethane	9.39	131	40	N.D.	
66) m,p-Xylene	9.71	106	39	N.D.	
67) o-xylene	0.00	106	0	N.D.	
68) Styrene	10.10	104	33	N.D.	
69) Bromoform	0.00	173	0	N.D.	
70) Isopropylbenzene	10.63	105	33	N.D.	
73) 1,1,2,2-Tetrachloroethane	10.63	83	33	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108025.D Vial: 26
Acq On : 8 Nov 2006 19:59 Operator: DGA
Sample : JPL22-011 MW-14-6 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:20 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	10.38	53	36	N.D.		
76)	Bromobenzene	0.00	156	0	N.D.		
77)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
78)	2-Chlorotoluene	10.76	91	44	N.D.		
79)	1,3,5-Trimethylbenzene	11.08	105	31	N.D.		
80)	4-Chlorotoluene	0.00	91	0	N.D.		
81)	tert-Butylbenzene	11.41	119	29	N.D.		
82)	1,2,4-Trimethylbenzene	11.41	105	62	N.D.		
83)	sec-butylbenzene	11.41	105	62	N.D.		
84)	4-Isopropyltoluene	11.86	119	39	N.D.		
85)	1,3-Dichlorobenzene	11.72	111	117	N.D.		
86)	1,4-Dichlorobenzene	11.80	146	401	N.D.		
87)	n-Butylbenzene	12.13	91	30	N.D.		
88)	1,2-Dichlorobenzene	12.17	146	675	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	0.00	225	0	N.D.		
92)	Naphthalene	0.00	128	0	N.D.		d
93)	1,2,3-Trichlorobenzene	14.25	180	171	N.D.		

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-3

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-012

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108026.D

Level: (LOW/MED) Date Collected: 11/03/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.36	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	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.4	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-3

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-012

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108026.D

Level: (LOW/MED) Date Collected: 11/03/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.49	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-3

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-012

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108026.D

Level: (LOW/MED) Date Collected: 11/03/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

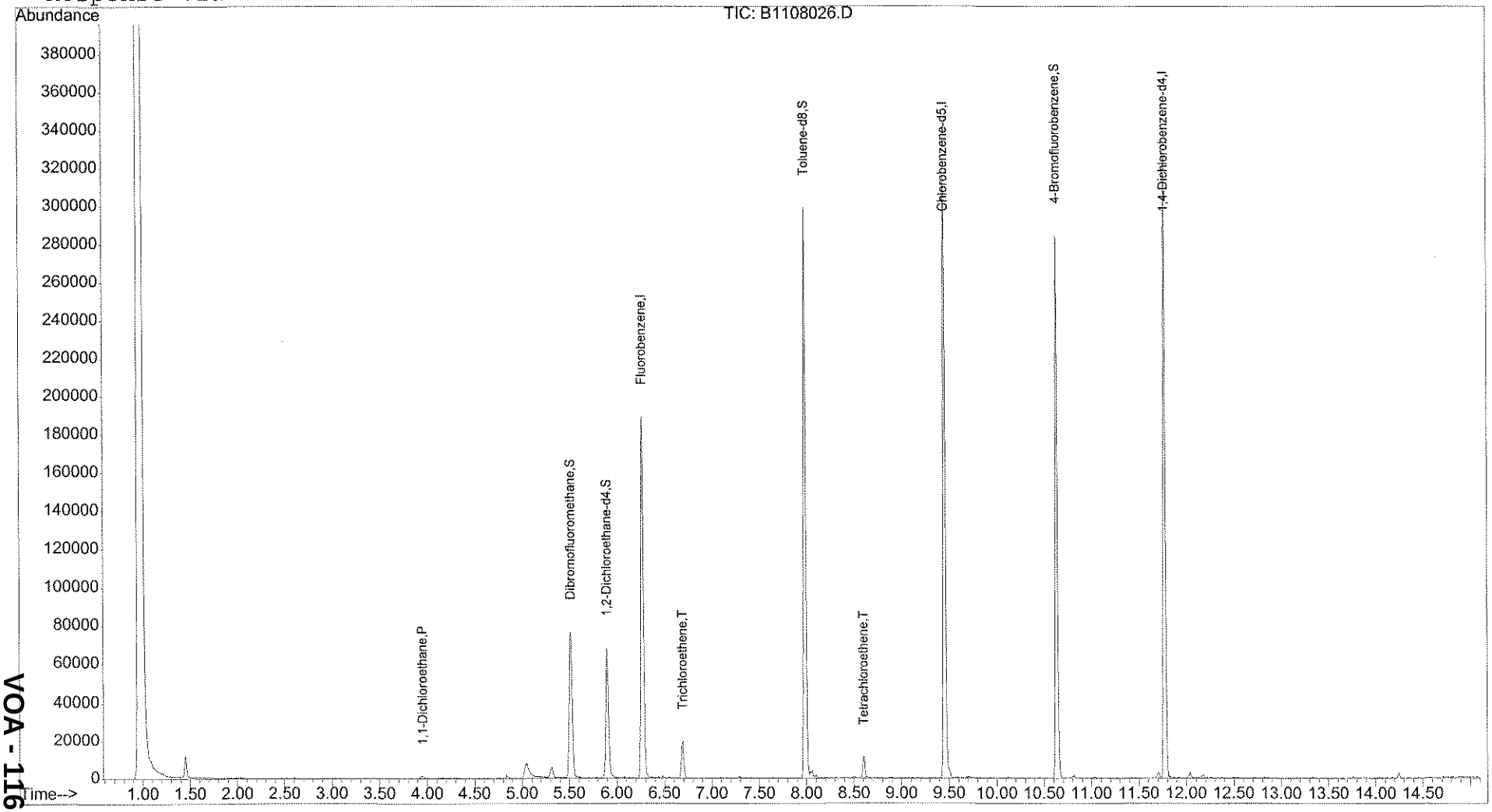
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108026.D Vial: 27
Acq On : 8 Nov 2006 20:29 Operator: DGA
Sample : JPL22-012 MW-14-7 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:41 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



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Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108026.D Vial: 27
Acq On : 8 Nov 2006 20:29 Operator: DGA
Sample : JPL22-012 MW-14-7 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:41 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	157791	10.00	ug/l	0.00 50.73%
51) Chlorobenzene-d5	9.45	82	83535	10.00	ug/l	0.00 52.19%
71) 1,4-Dichlorobenzene-d4	11.77	152	81612	10.00	ug/l	0.00 42.36%
System Monitoring Compounds						
32) Dibromofluoromethane	5.52	111	49944m	11.25	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	56090	12.34	ug/l	0.00
52) Toluene-d8	7.99	98	173159	10.56	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	70952	12.19	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	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	2.60	76	575	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	142	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	3.95	63	2684	0.36	ug/l	96
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	0.00	77	0	N.D.		
26) cis-1,2-Dichloroethene	4.85	96	316	N.D.		

(#) = qualifier out of range (m) = manual integration
B1108026.D 826025ML.M Fri Dec 01 11:41:54 2006

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108026.D Vial: 27
Acq On : 8 Nov 2006 20:29 Operator: DGA
Sample : JPL22-012 MW-14-7 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:41 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	0.00	83	0	N.D. d	
33) 1,1,1-Trichloroethane	0.00	97	0	N.D.	
34) Cyclohexane	0.00	56	0	N.D.	
35) Carbon Tetrachloride	5.63	117	29	N.D.	
36) Isobutanol	0.00	43	0	N.D. d	
37) 1,1-Dichloropropene	5.66	75	33	N.D.	
39) Benzene	5.91	78	39	N.D.	
40) 1,2-Dichloroethane	0.00	62	0	N.D.	
41) Trichloroethene	6.69	130	6868	1.38 ug/l	92
42) Methylcyclohexane	6.69	83	34	N.D.	
43) 1,2-Dichloropropane	0.00	63	0	N.D. d	
44) Dibromomethane	0.00	93	0	N.D.	
45) Methyl methacrylate	7.23	41	32	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	7.29	83	308	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	460	N.D.	
54) Ethyl methacrylate	0.00	69	0	N.D.	
55) trans-1,3-Dichloropropene	8.37	75	32	N.D.	
56) 1,1,2-Trichloroethane	8.49	97	33	N.D.	
57) Tetrachloroethene	8.60	166	3050	0.49 ug/l #	93
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	0.00	107	0	N.D.	
62) Chlorobenzene	9.49	112	48	N.D.	
63) 1-Chlorohexane	9.59	91	267	N.D.	
64) Ethylbenzene	9.59	91	267	N.D.	
65) 1,1,1,2-Tetrachloroethane	9.73	131	33	N.D.	
66) m,p-Xylene	9.70	106	122	N.D.	
67) o-xylene	10.10	106	86	N.D.	
68) Styrene	10.12	104	110	N.D.	
69) Bromoform	10.21	173	38	N.D.	
70) Isopropylbenzene	10.47	105	34	N.D.	
73) 1,1,2,2-Tetrachloroethane	10.63	83	35	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108026.D Vial: 27
Acq On : 8 Nov 2006 20:29 Operator: DGA
Sample : JPL22-012 MW-14-7 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:41 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

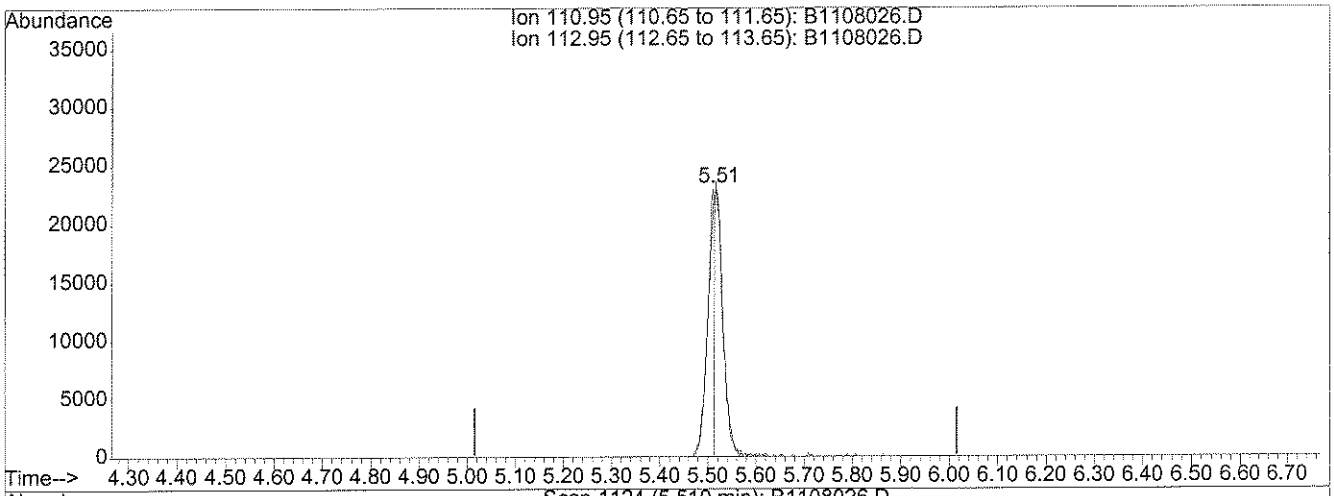
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	n-Propylbenzene	10.87	120	32	N.D.		
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
76)	Bromobenzene	10.77	156	36	N.D.		
77)	1,2,3-Trichloropropane	11.02	110	31	N.D.		
78)	2-Chlorotoluene	10.81	91	30	N.D.		
79)	1,3,5-Trimethylbenzene	10.99	105	29	N.D.		
80)	4-Chlorotoluene	10.81	91	30	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.42	105	63	N.D.		
83)	sec-butylbenzene	11.57	105	32	N.D.		
84)	4-Isopropyltoluene	11.74	119	31	N.D.		
85)	1,3-Dichlorobenzene	11.70	111	347	N.D.		
86)	1,4-Dichlorobenzene	11.81	146	304	N.D.		
87)	n-Butylbenzene	12.22	91	35	N.D.		
88)	1,2-Dichlorobenzene	12.17	146	521	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	d	
90)	1,2,4-Trichlorobenzene	13.75	180	66	N.D.		
91)	Hexachlorobutadiene	0.00	225	0	N.D.		
92)	Naphthalene	0.00	128	0	N.D.	d	
93)	1,2,3-Trichlorobenzene	14.25	180	1040	N.D.		

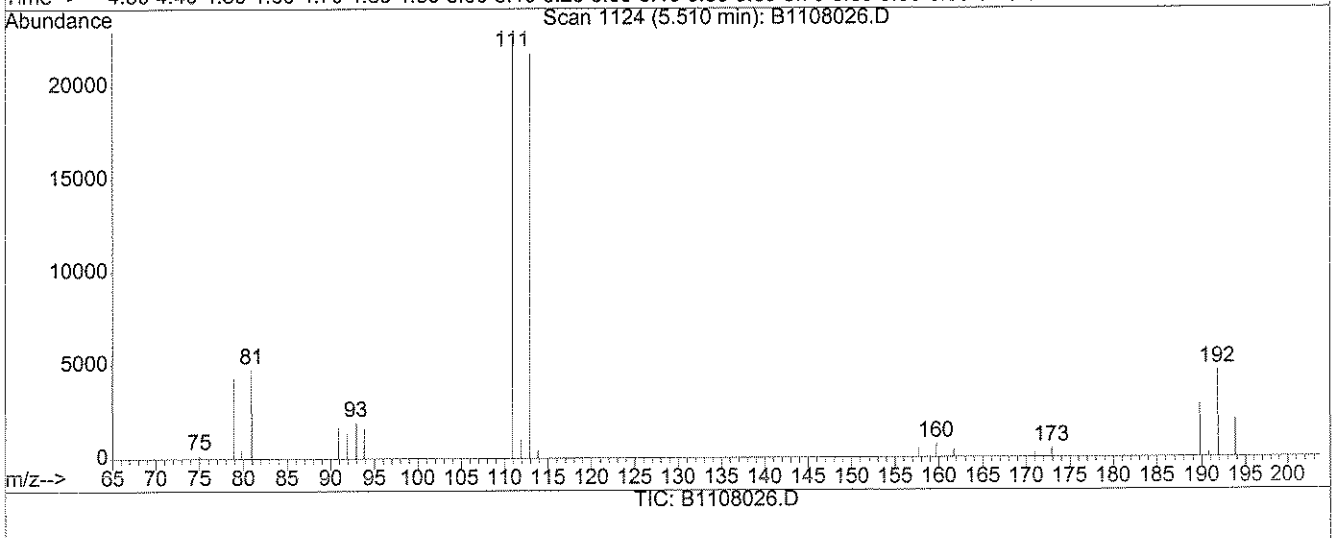
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\110806\B1108026.D Vial: 27
Acq On : 8 Nov 2006 20:29 Operator: DGA
Sample : JPL22-012 MW-14-7 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:21 2006 Quant Results File: temp.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 : Multiple Level Calibration





(32) Dibromofluoromethane (S)

5.51min 5.45ug/l

response 24189

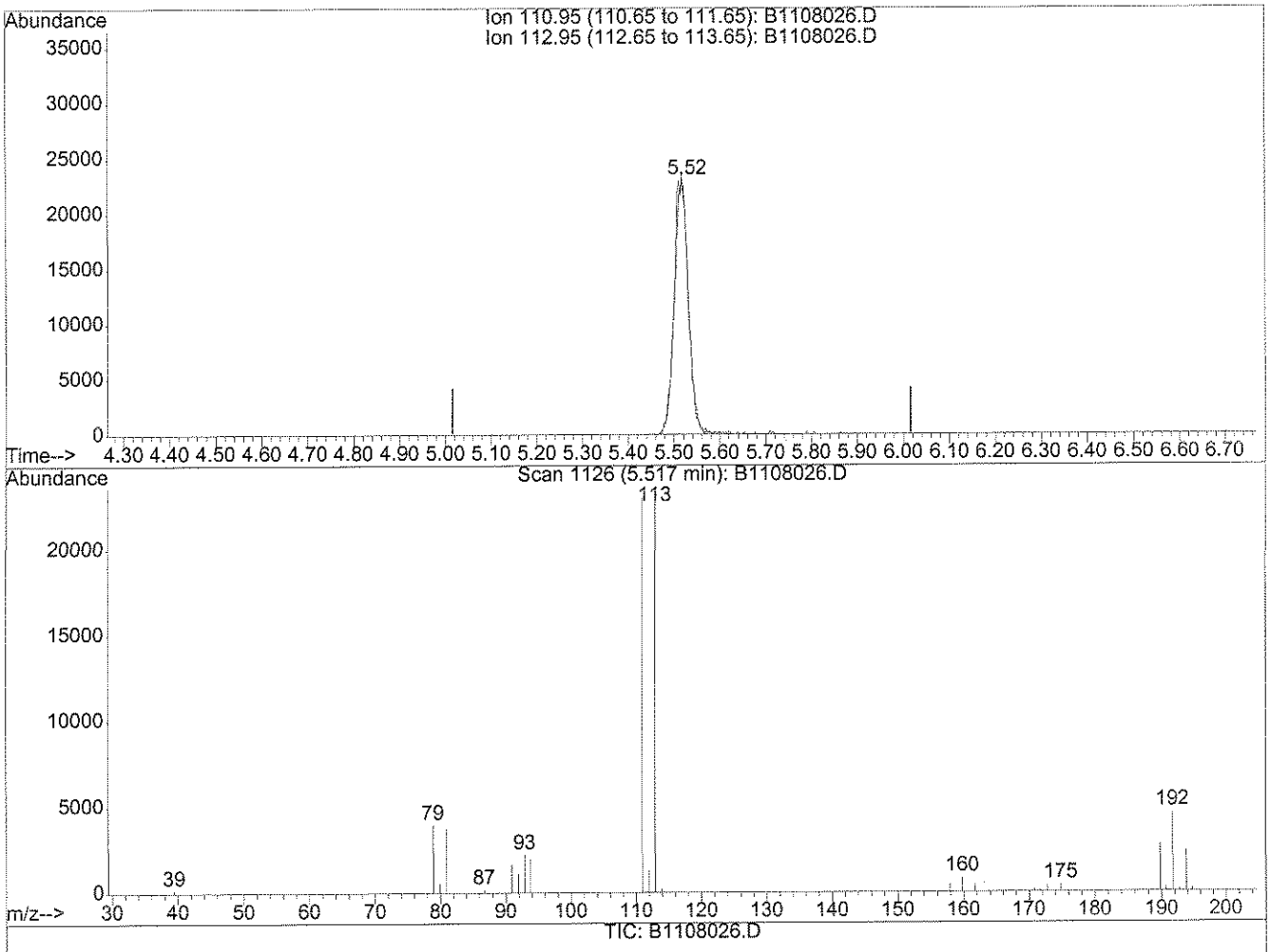
Ion	Exp%	Act%
110.95	100	100
112.95	96.40	201.36#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : X:\MSVOA\BUDDHA\110806\B1108026.D
Acq On : 8 Nov 2006 20:29
Sample : JPL22-012 MW-14-7
Misc : 25ML +IS/SS (524)
MS Integration Params: rteint.p
Quant Time: Dec 1 11:21 2006

Vial: 27
Operator: DGA
Inst : Buddha
Multiplr: 1.00
Quant Results File: temp.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 : Multiple Level Calibration



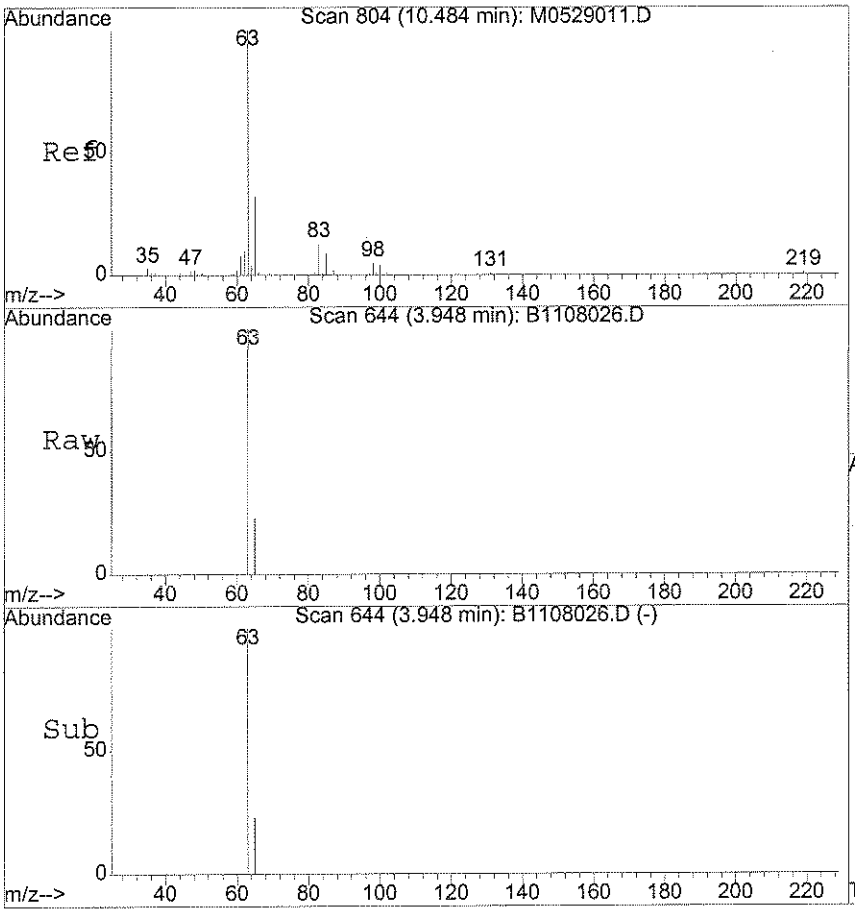
TIC: B1108026.D

(32) Dibromofluoromethane (S)

5.52min 11.25ug/l m

response 49944

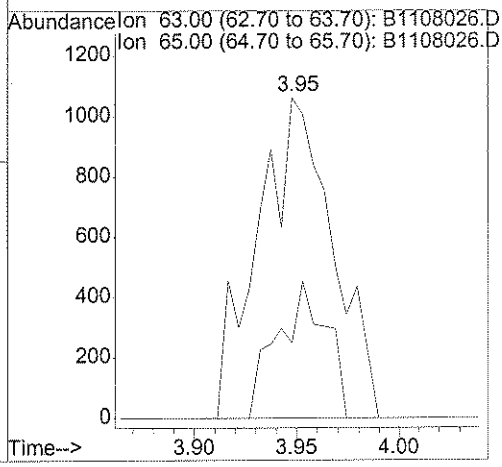
Ion	Exp%	Act%
110.95	100	100
112.95	96.40	97.52
0.00	0.00	0.00
0.00	0.00	0.00

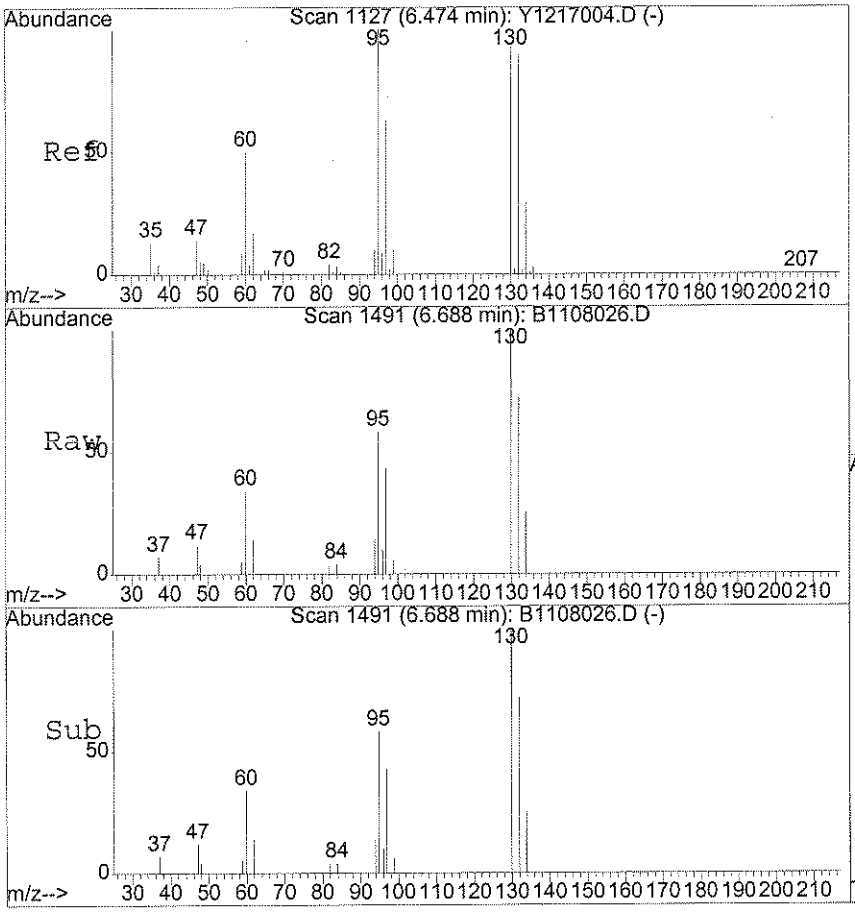


#23
1,1-Dichloroethane
Concen: 0.36 ug/l
RT: 3.95 min Scan# 644
Delta R.T. 0.01 min
Lab File: B1108026.D
Acq: 8 Nov 2006 20:29

Tgt Ion: 63 Resp: 2684

Ion	Ratio	Lower	Upper
63	100		
65	27.8	10.0	50.0

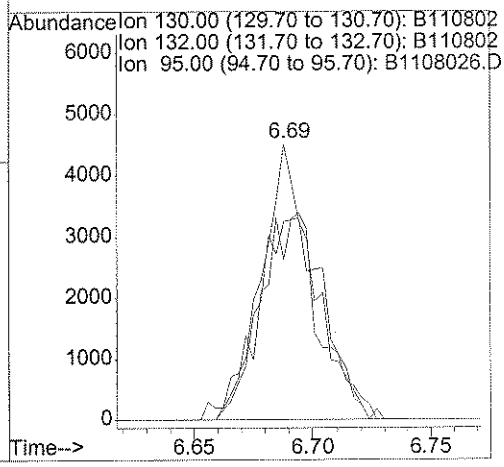


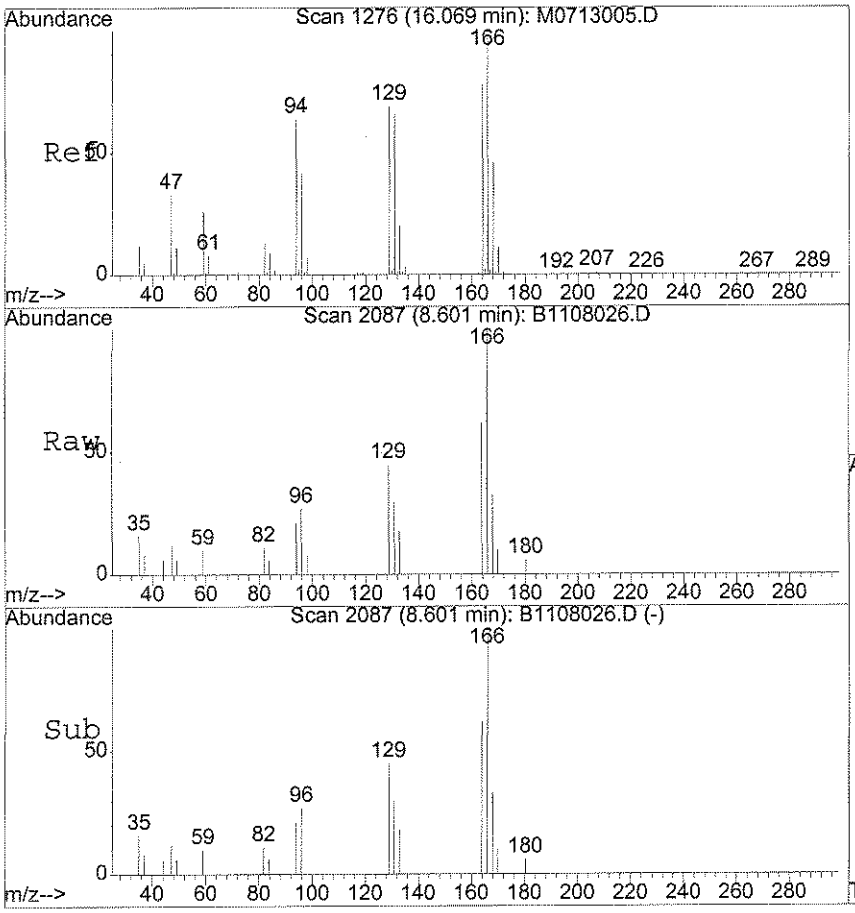


#41
Trichloroethene
Concen: 1.38 ug/l
RT: 6.69 min Scan# 1491
Delta R.T. -0.01 min
Lab File: B1108026.D
Acq: 8 Nov 2006 20:29

Tgt Ion:130 Resp: 6868

Ion	Ratio	Lower	Upper
130	100		
132	92.1	81.1	121.1
95	85.8	60.0	100.0

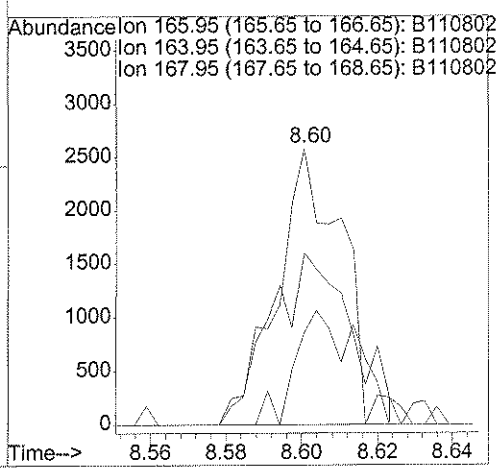




#57
Tetrachloroethene
Concen: 0.49 ug/l
RT: 8.60 min Scan# 2087
Delta R.T. -0.01 min
Lab File: B1108026.D
Acq: 8 Nov 2006 20:29

Tgt Ion:166 Resp: 3050

Ion	Ratio	Lower	Upper
166	100		
164	77.5	60.8	91.2
168	39.0	39.4	59.0#



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-2

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

SDG No.: JPL22 Run Sequence: R012399

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-013

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1109010.D

Level: (LOW/MED) Date Collected: 11/03/2006

% Moisture: not dec. Date/Time Analyzed: 11/09/2006 12:51

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	7.1	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-2

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

SDG No.: JPL22 Run Sequence: R012399

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-013

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1109010.D

Level: (LOW/MED) Date Collected: 11/03/2006

% Moisture: not dec. Date/Time Analyzed: 11/09/2006 12:51

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	0.53	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-2

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

SDG No.: JPL22 Run Sequence: R012399

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-013

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1109010.D

Level: (LOW/MED) Date Collected: 11/03/2006

% Moisture: not dec. Date/Time Analyzed: 11/09/2006 12:51

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

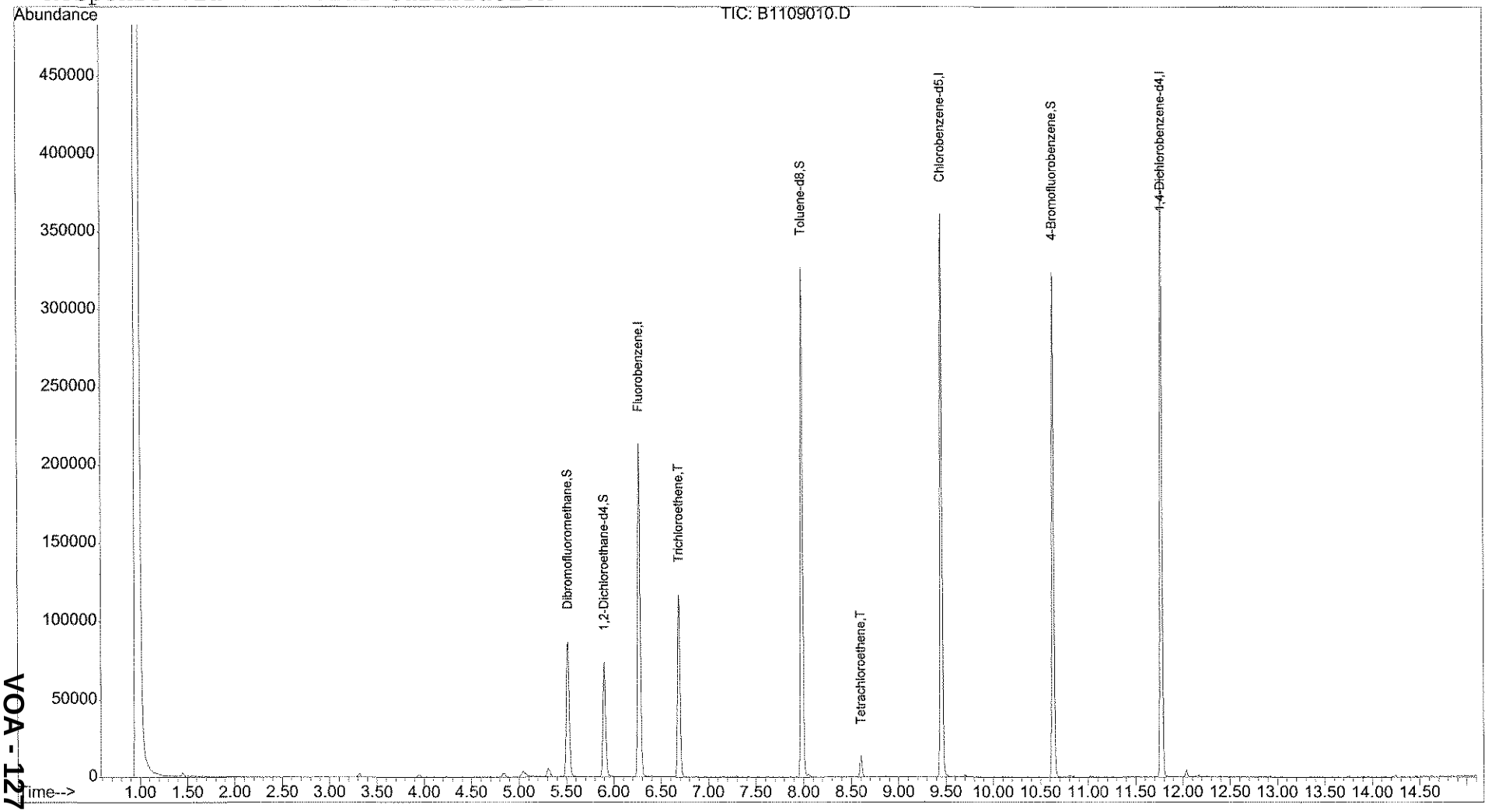
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110906\B1109010.D Vial: 17
Acq On : 9 Nov 2006 12:51 Operator: DGA
Sample : JPL22-013 MW-14-2 Inst : Buddha
Misc : #2 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:16 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 : Fri Dec 08 08:10:46 2006
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\BUDDHA\110906\B1109010.D Vial: 17
Acq On : 9 Nov 2006 12:51 Operator: DGA
Sample : JPL22-013 MW-14-2 Inst : Buddha
Misc : #2 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:16 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 : Fri Dec 08 08:10:46 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	172379	10.00	ug/l	0.00 55.42%
51) Chlorobenzene-d5	9.45	82	95126	10.00	ug/l	0.00 59.43%
71) 1,4-Dichlorobenzene-d4	11.77	152	94611	10.00	ug/l	0.00 49.11%
System Monitoring Compounds						
32) Dibromofluoromethane	5.51	111	54669	11.27	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	62852	12.66	ug/l	0.00
52) Toluene-d8	7.98	98	189701	10.16	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	79499	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	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	2.61	76	220	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.	d	
19) Methyl tert-butyl ether	0.00	73	0	N.D.		
20) trans-1,2-Dichloroethene	3.31	96	808	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.		
22) Vinyl acetate	4.03	43	38	N.D.		
23) 1,1-Dichloroethane	3.93	63	1323	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	4.85	96	811	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110906\B1109010.D Vial: 17
Acq On : 9 Nov 2006 12:51 Operator: DGA
Sample : JPL22-013 MW-14-2 Inst : Buddha
Misc : #2 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:16 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 : Fri Dec 08 08:10:46 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	0.00	83	0	N.D. d	
33)	1,1,1-Trichloroethane	0.00	97	0	N.D. d	
34)	Cyclohexane	0.00	56	0	N.D.	
35)	Carbon Tetrachloride	5.64	117	32	N.D.	
36)	Isobutanol	0.00	43	0	N.D. d	
37)	1,1-Dichloropropene	5.66	75	45	N.D.	
39)	Benzene	5.91	78	73	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Trichloroethene	6.69	130	38686	7.11 ug/l	92
42)	Methylcyclohexane	6.71	83	541	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	7.21	41	31	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	144	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	447	N.D.	
54)	Ethyl methacrylate	8.37	69	30	N.D.	
55)	trans-1,3-Dichloropropene	8.19	75	33	N.D.	
56)	1,1,2-Trichloroethane	0.00	97	0	N.D.	
57)	Tetrachloroethene	8.61	166	3741	0.53 ug/l	93
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	0.00	107	0	N.D.	
62)	Chlorobenzene	0.00	112	0	N.D.	
63)	1-Chlorohexane	9.59	91	215	N.D.	
64)	Ethylbenzene	9.59	91	215	N.D.	
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66)	m,p-Xylene	9.70	106	225	N.D.	
67)	o-xylene	10.11	106	37	N.D.	
68)	Styrene	10.13	104	101	N.D.	
69)	Bromoform	10.53	173	43	N.D.	
70)	Isopropylbenzene	10.62	105	35	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.57	83	35	N.D.	

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

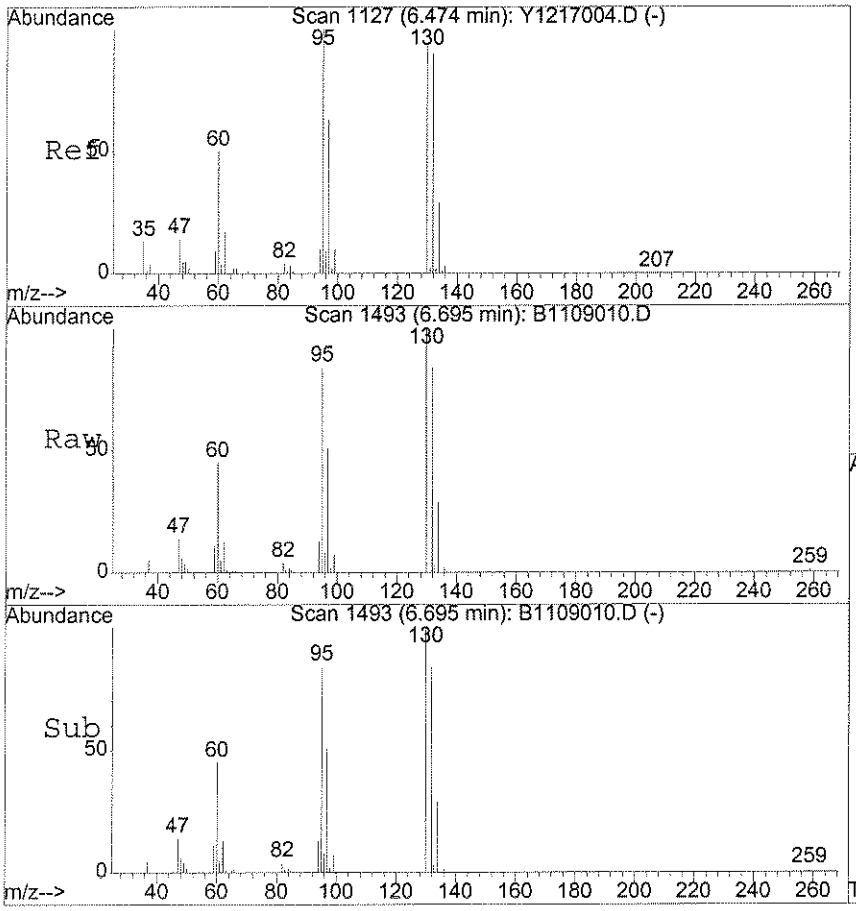
Quantitation Report

Data File : X:\MSVOA\BUDDHA\110906\B1109010.D Vial: 17
Acq On : 9 Nov 2006 12:51 Operator: DGA
Sample : JPL22-013 MW-14-2 Inst : Buddha
Misc : #2 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:16 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 : Fri Dec 08 08:10:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	n-Propylbenzene	10.97	120	55	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
76)	Bromobenzene	10.70	156	41	N.D.	
77)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
78)	2-Chlorotoluene	10.88	91	54	N.D.	
79)	1,3,5-Trimethylbenzene	11.05	105	50	N.D.	
80)	4-Chlorotoluene	10.88	91	85	N.D.	
81)	tert-Butylbenzene	0.00	119	0	N.D.	
82)	1,2,4-Trimethylbenzene	11.46	105	48	N.D.	
83)	sec-butylbenzene	11.46	105	48	N.D.	
84)	4-Isopropyltoluene	11.72	119	40	N.D.	
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d
86)	1,4-Dichlorobenzene	11.81	146	85	N.D.	
87)	n-Butylbenzene	12.15	91	35	N.D.	
88)	1,2-Dichlorobenzene	12.17	146	72	N.D.	
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	d
90)	1,2,4-Trichlorobenzene	13.76	180	79	N.D.	
91)	Hexachlorobutadiene	13.91	225	117	N.D.	
92)	Naphthalene	0.00	128	0	N.D.	
93)	1,2,3-Trichlorobenzene	14.24	180	290	N.D.	

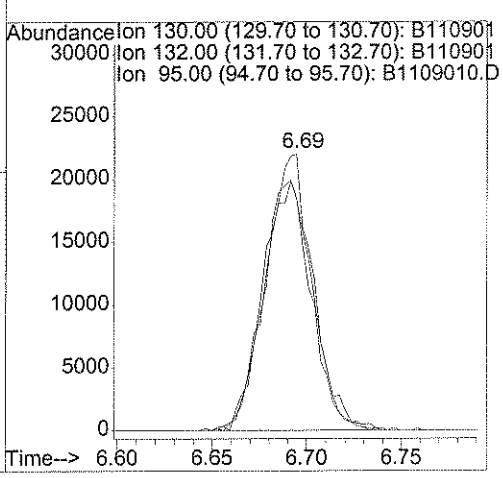
(#) = qualifier out of range (m) = manual integration

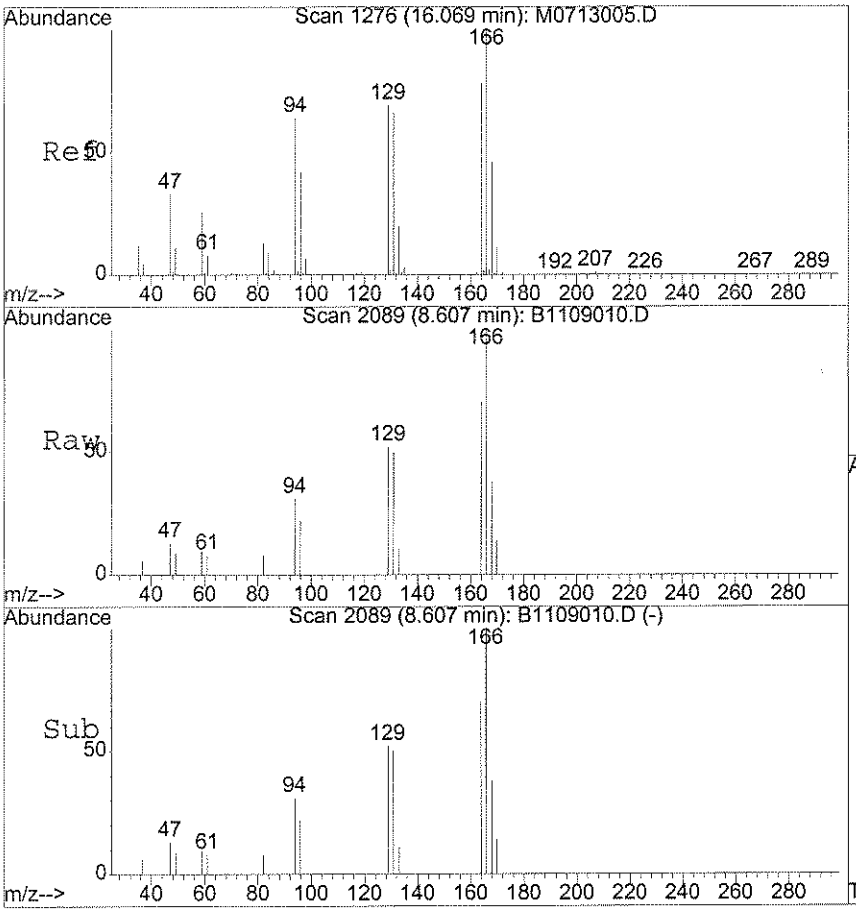


#41
Trichloroethene
Concen: 7.11 ug/l
RT: 6.69 min Scan# 1493
Delta R.T. 0.00 min
Lab File: B1109010.D
Acq: 9 Nov 2006 12:51

Tgt Ion:130 Resp: 38686

Ion	Ratio	Lower	Upper
130	100		
132	95.2	81.1	121.1
95	89.5	60.0	100.0

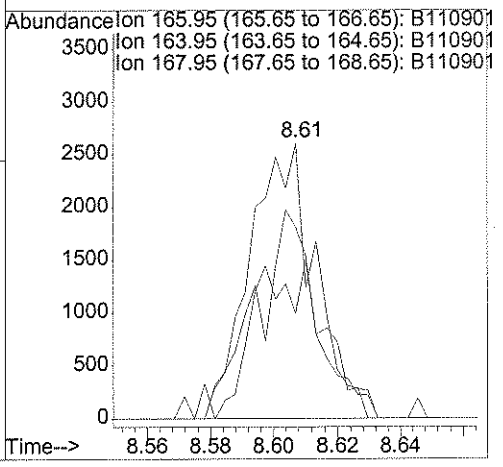




#57
Tetrachloroethene
Concen: 0.53 ug/l
RT: 8.61 min Scan# 2089
Delta R.T. -0.00 min
Lab File: B1109010.D
Acq: 9 Nov 2006 12:51

Tgt Ion:166 Resp: 3741

Ion	Ratio	Lower	Upper
166	100		
164	72.5	60.8	91.2
168	57.8	39.4	59.0



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-1

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-014

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108027.D

Level: (LOW/MED) Date Collected: 11/03/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.75	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-1

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-014

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108027.D

Level: (LOW/MED) Date Collected: 11/03/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.36	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-1

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-014

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108027.D

Level: (LOW/MED) _____ Date Collected: 11/03/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/08/2006 10:00

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

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

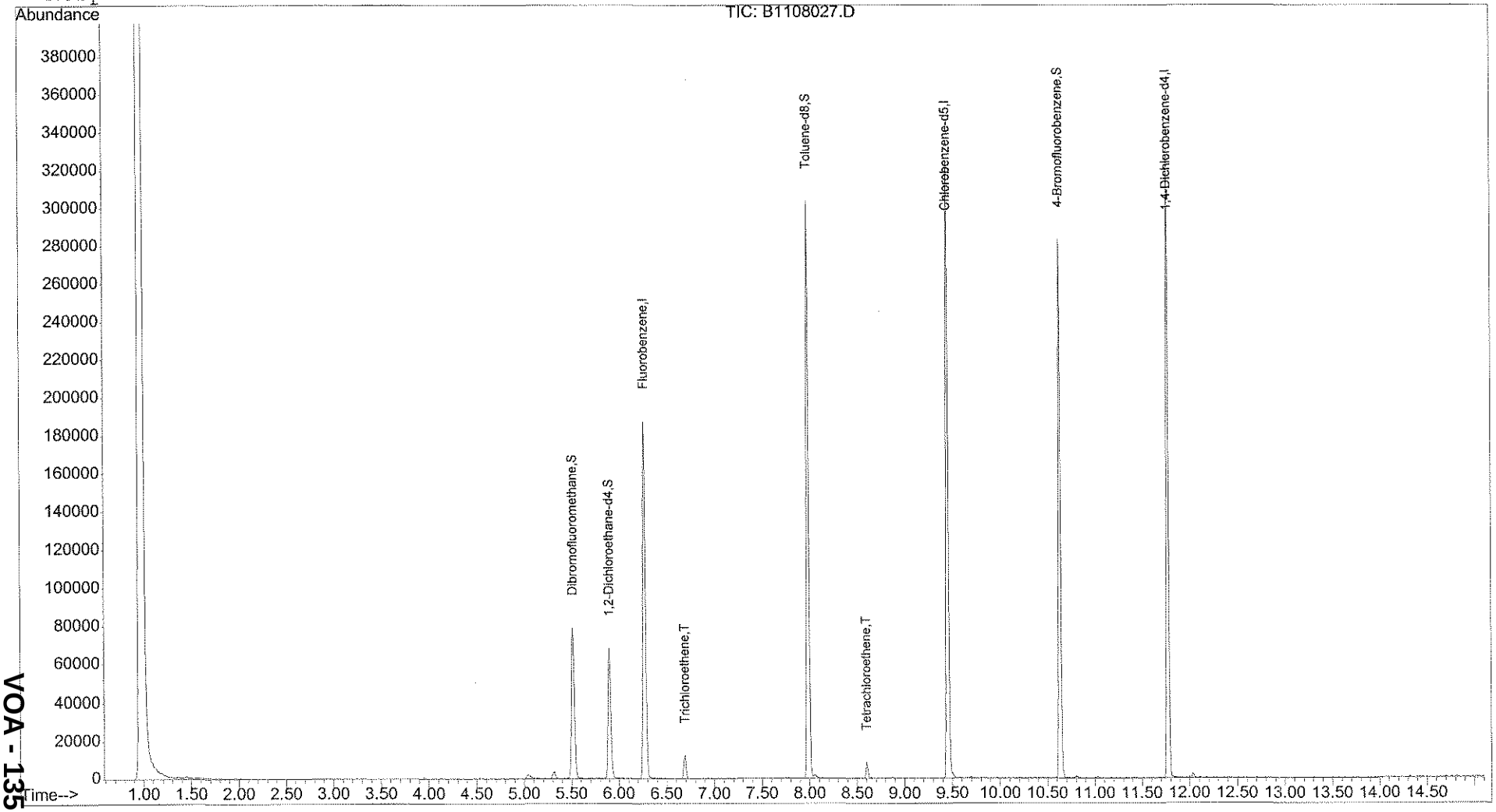
Heated Purge: (Y/N) N

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

Comments:

Data File : X:\MSVOA\BUDDHA\110806\B1108027.D Vial: 28
Acq On : 8 Nov 2006 20:58 Operator: DGA
Sample : JPL22-014 MW-14-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:26 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 - 135

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108027.D Vial: 28
Acq On : 8 Nov 2006 20:58 Operator: DGA
Sample : JPL22-014 MW-14-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:26 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	159421	10.00	ug/l	0.00 51.26%
51) Chlorobenzene-d5	9.46	82	84330	10.00	ug/l	0.00 52.68%
71) 1,4-Dichlorobenzene-d4	11.77	152	81661	10.00	ug/l	0.00 42.39%
System Monitoring Compounds						
32) Dibromofluoromethane	5.52	111	50220	11.20	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	58396	12.72	ug/l	0.00
52) Toluene-d8	7.99	98	176211	10.64	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	70862	12.17	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	2.60	76	68	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.		
17) Methyl Acetate	2.92	43	67	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	4.04	43	48	N.D.		
23) 1,1-Dichloroethane	3.95	63	1387	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	4.85	96	68	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108027.D Vial: 28
Acq On : 8 Nov 2006 20:58 Operator: DGA
Sample : JPL22-014 MW-14-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:26 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	0.00	83	0	N.D. 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) Isobutanol	0.00	43	0	N.D. d	
37) 1,1-Dichloropropene	5.62	75	30	N.D.	
39) Benzene	5.92	78	47	N.D.	
40) 1,2-Dichloroethane	0.00	62	0	N.D.	
41) Trichloroethene	6.68	130	3774	0.75 ug/l	87
42) Methylcyclohexane	6.68	83	44	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. d	
48) Bromodichloromethane	7.28	83	127	N.D.	
49) cis-1,3-Dichloropropene	7.67	75	37	N.D.	
50) 4-Methyl-2-pentanone	0.00	43	0	N.D. d	
53) Toluene	8.05	92	98	N.D.	
54) Ethyl methacrylate	8.36	69	36	N.D.	
55) trans-1,3-Dichloropropene	0.00	75	0	N.D.	
56) 1,1,2-Trichloroethane	8.58	97	36	N.D.	
57) Tetrachloroethene	8.60	166	2242	0.36 ug/l	99
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	0.00	107	0	N.D.	
62) Chlorobenzene	0.00	112	0	N.D.	
63) 1-Chlorohexane	9.59	91	119	N.D.	
64) Ethylbenzene	9.59	91	119	N.D.	
65) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66) m,p-Xylene	9.71	106	117	N.D.	
67) o-xylene	10.04	106	29	N.D.	
68) Styrene	0.00	104	0	N.D.	
69) Bromoform	0.00	173	0	N.D.	
70) Isopropylbenzene	10.63	105	64	N.D.	
73) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	

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

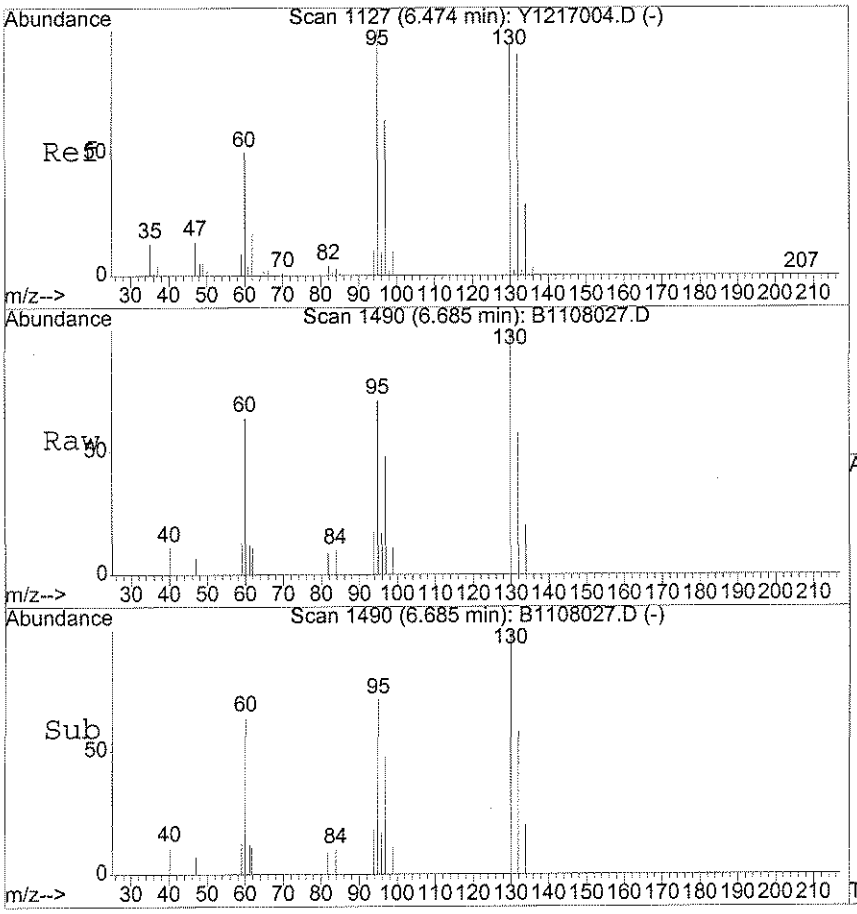
Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108027.D Vial: 28
Acq On : 8 Nov 2006 20:58 Operator: DGA
Sample : JPL22-014 MW-14-1 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 1 11:26 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	10.78	156	34	N.D.		
77)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
78)	2-Chlorotoluene	10.87	91	39	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	4-Chlorotoluene	10.87	91	39	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
83)	sec-butylbenzene	11.76	105	36	N.D.		
84)	4-Isopropyltoluene	11.72	119	33	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.		d
86)	1,4-Dichlorobenzene	11.79	146	33	N.D.		
87)	n-Butylbenzene	12.12	91	32	N.D.		
88)	1,2-Dichlorobenzene	12.08	146	31	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.		
93)	1,2,3-Trichlorobenzene	14.24	180	39	N.D.		

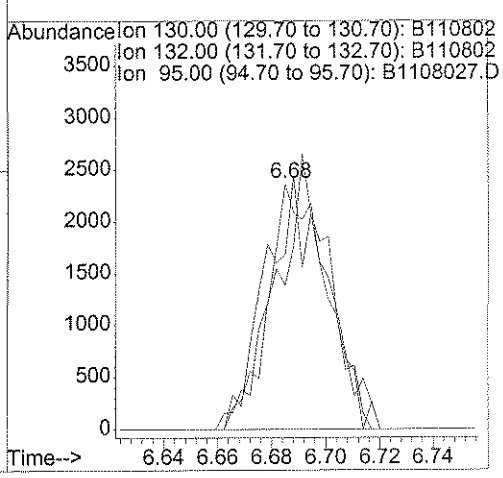
(#) = qualifier out of range (m) = manual integration

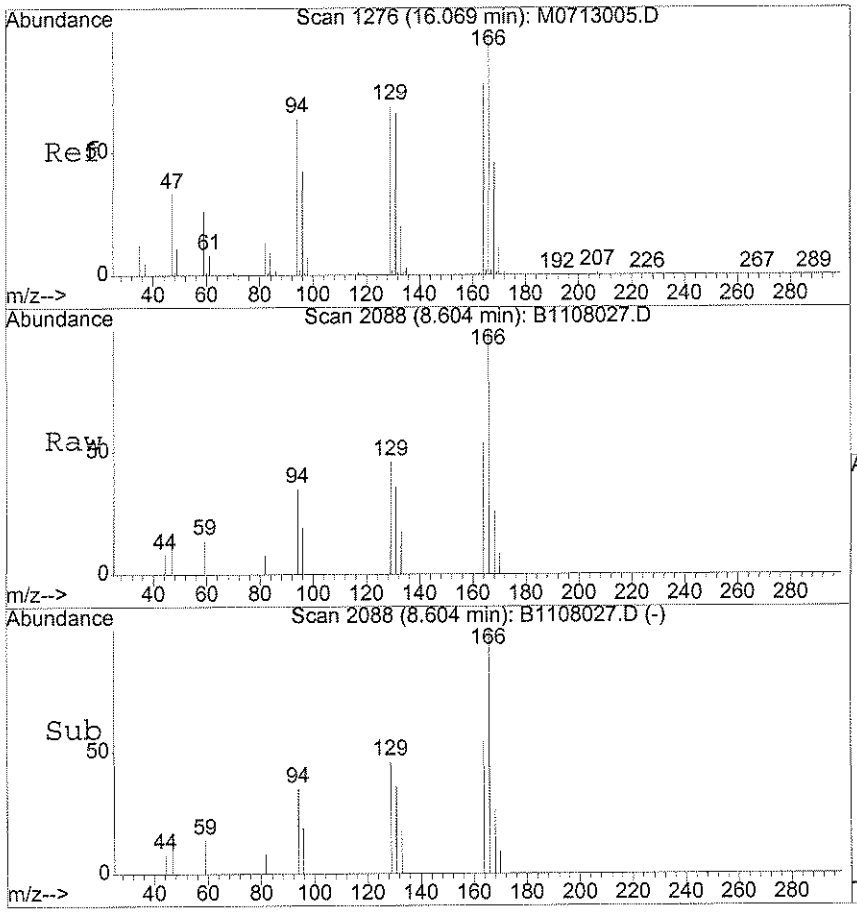


#41
Trichloroethene
Concen: 0.75 ug/l
RT: 6.68 min Scan# 1490
Delta R.T. -0.01 min
Lab File: B1108027.D
Acq: 8 Nov 2006 20:58

Tgt Ion:130 Resp: 3774

Ion	Ratio	Lower	Upper
130	100		
132	94.0	81.1	121.1
95	97.7	60.0	100.0

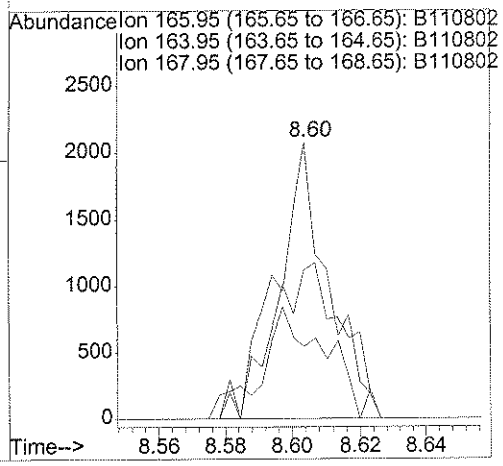




#57
Tetrachloroethene
Concen: 0.36 ug/l
RT: 8.60 min Scan# 2088
Delta R.T. -0.01 min
Lab File: B1108027.D
Acq: 8 Nov 2006 20:58

Tgt Ion:166 Resp: 2242

Ion	Ratio	Lower	Upper
166	100		
164	75.8	60.8	91.2
168	50.3	39.4	59.0



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-7-11/3/06

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

SDG No.: JPL22 Run Sequence: R012486

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-015

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1110014.D

Level: (LOW/MED) Date Collected: 11/03/2006

% Moisture: not dec. Date/Time Analyzed: 11/10/2006 13:51

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.

EB-7-11/3/06

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

SDG No.: JPL22 Run Sequence: R012486

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-015

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1110014.D

Level: (LOW/MED) Date Collected: 11/03/2006

% Moisture: not dec. Date/Time Analyzed: 11/10/2006 13:51

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.

EB-7-11/3/06

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

SDG No.: JPL22 Run Sequence: R012486

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-015

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1110014.D

Level: (LOW/MED) _____ Date Collected: 11/03/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/10/2006 13:51

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

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

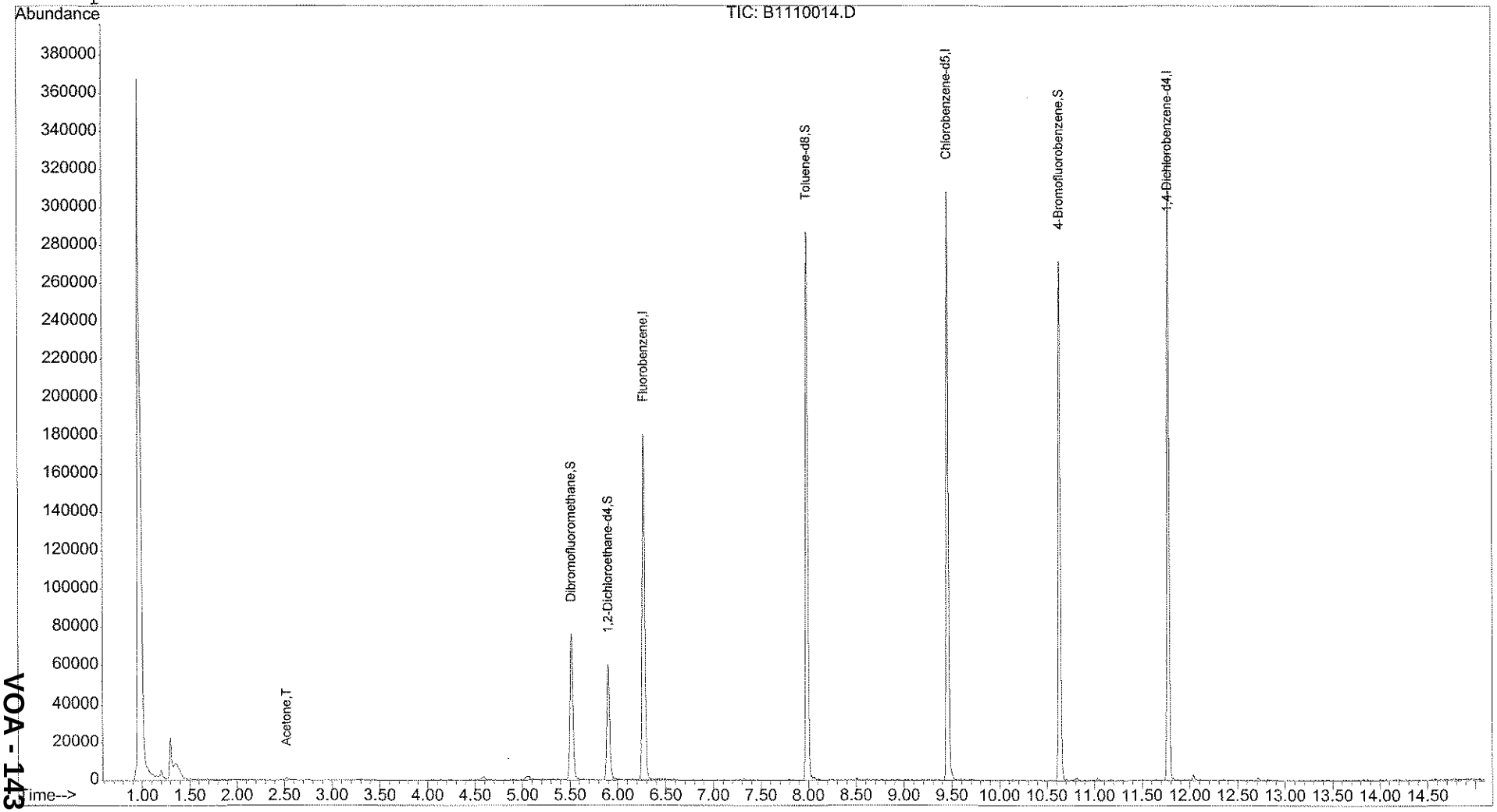
Heated Purge: (Y/N) N

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\111006\B1110014.D Vial: 20
Acq On : 10 Nov 2006 13:51 Operator: DGA
Sample : JPL22-015 EB-7-11/3/06 Inst : Buddha
Misc : #2 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:31 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 - 143

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111006\B1110014.D Vial: 20
Acq On : 10 Nov 2006 13:51 Operator: DGA
Sample : JPL22-015 EB-7-11/3/06 Inst : Buddha
Misc : #2 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:31 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 : Fri Dec 08 08:10:46 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	154670	10.00 ug/l	0.00 49.73%
51) Chlorobenzene-d5	9.46	82	82327	10.00 ug/l	0.00 51.43%
71) 1,4-Dichlorobenzene-d4	11.77	152	81535	10.00 ug/l	0.00 42.32%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	48334	11.11 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	54101	12.15 ug/l	0.00
52) Toluene-d8	7.99	98	167196	10.35 ug/l	0.00
72) 4-Bromofluorobenzene	10.64	95	68840	11.84 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.23	50	111	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	2161	4.04 ug/l #✓	65
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	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	4.04	43	32	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.	

JN 12/14/06

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111006\B1110014.D Vial: 20
Acq On : 10 Nov 2006 13:51 Operator: DGA
Sample : JPL22-015 EB-7-11/3/06 Inst : Buddha
Misc : #2 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:31 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 : Fri Dec 08 08:10:46 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	0.00	83	0	N.D.	d
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.	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	5.63	75	33	N.D.	
39)	Benzene	5.94	78	38	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	7.29	41	33	N.D.	
46)	1,4-Dioxane	0.00	88	0	N.D.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	d
48)	Bromodichloromethane	7.17	83	37	N.D.	
49)	cis-1,3-Dichloropropene	7.63	75	39	N.D.	
50)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d
53)	Toluene	8.05	92	109	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	trans-1,3-Dichloropropene	8.45	75	43	N.D.	
56)	1,1,2-Trichloroethane	8.56	97	38	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	8.92	129	29	N.D.	
61)	1,2-Dibromoethane	0.00	107	0	N.D.	
62)	Chlorobenzene	0.00	112	0	N.D.	
63)	1-Chlorohexane	9.62	91	33	N.D.	
64)	Ethylbenzene	9.62	91	33	N.D.	
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66)	m,p-Xylene	9.71	106	31	N.D.	
67)	o-xylene	10.10	106	34	N.D.	
68)	Styrene	10.12	104	33	N.D.	
69)	Bromoform	10.34	173	31	N.D.	
70)	Isopropylbenzene	10.62	105	31	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.63	83	65	N.D.	

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

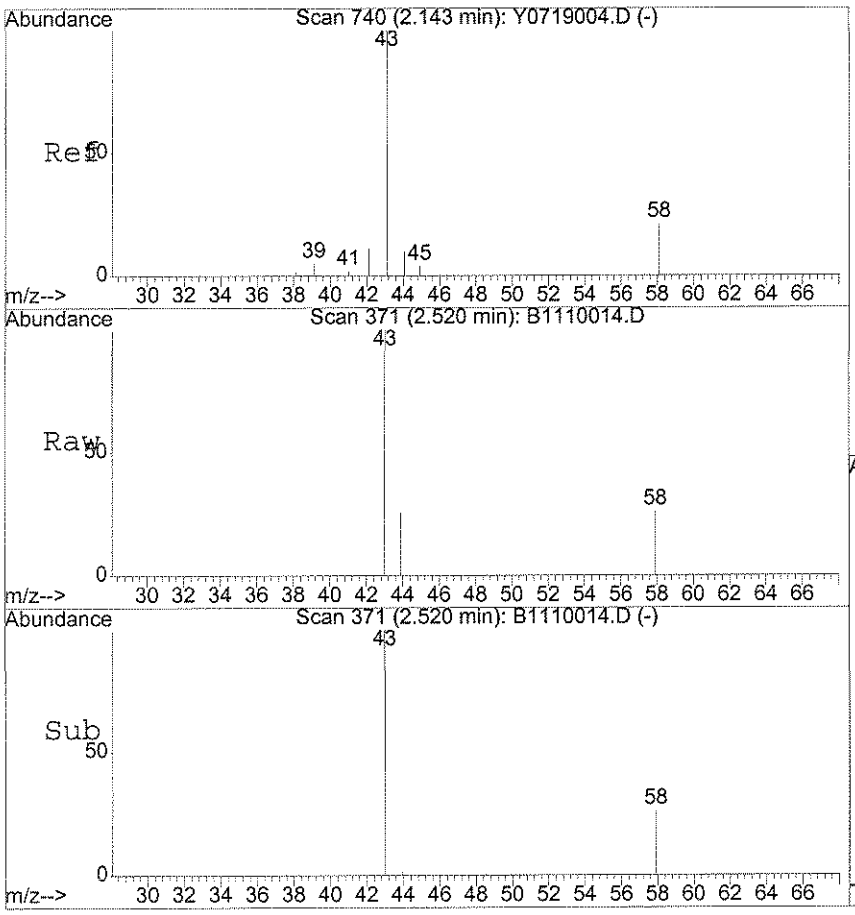
Quantitation Report

Data File : X:\MSVOA\BUDDHA\111006\B1110014.D Vial: 20
Acq On : 10 Nov 2006 13:51 Operator: DGA
Sample : JPL22-015 EB-7-11/3/06 Inst : Buddha
Misc : #2 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:31 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 : Fri Dec 08 08:10:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	n-Propylbenzene	10.95	120	39	N.D.		
75)	trans-1,4-Dichloro-2-buten	10.64	53	46	N.D.		
76)	Bromobenzene	0.00	156	0	N.D.		
77)	1,2,3-Trichloropropane	10.64	110	53	N.D.		
78)	2-Chlorotoluene	0.00	91	0	N.D.		
79)	1,3,5-Trimethylbenzene	11.05	105	52	N.D.		
80)	4-Chlorotoluene	10.86	91	40	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.42	105	74	N.D.		
83)	sec-butylbenzene	11.42	105	74	N.D.		
84)	4-Isopropyltoluene	11.99	119	32	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d	
86)	1,4-Dichlorobenzene	11.80	146	112	N.D.		
87)	n-Butylbenzene	12.11	91	34	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	13.67	180	43	N.D.		
91)	Hexachlorobutadiene	13.91	225	34	N.D.		
92)	Naphthalene	0.00	128	0	N.D.	d	
93)	1,2,3-Trichlorobenzene	14.24	180	35	N.D.		

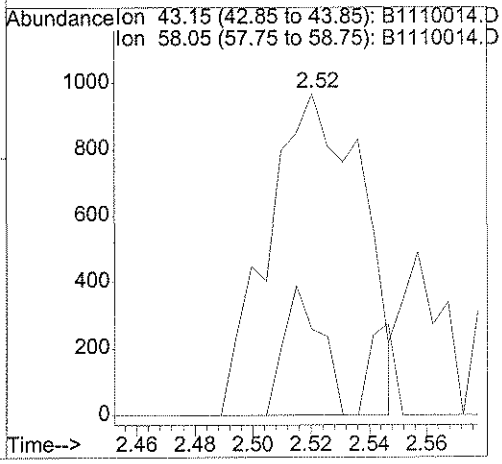
(#) = qualifier out of range (m) = manual integration



#11
Acetone
Concen: 4.04 ug/l
RT: 2.52 min Scan# 371
Delta R.T. -0.00 min
Lab File: B1110014.D
Acq: 10 Nov 2006 13:51

Tgt Ion: 43 Resp: 2161

Ion	Ratio	Lower	Upper
43	100		
58	15.8	29.2	43.8#



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-7-11/3/06

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

SDG No.: JPL22 Run Sequence: R012399

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-016

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1109014.D

Level: (LOW/MED) Date Collected: 11/03/2006

% Moisture: not dec. Date/Time Analyzed: 11/09/2006 14:49

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-7-11/3/06

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

SDG No.: JPL22 Run Sequence: R012399

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-016

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1109014.D

Level: (LOW/MED) Date Collected: 11/03/2006

% Moisture: not dec. Date/Time Analyzed: 11/09/2006 14:49

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	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-7-11/3/06

Lab Name: Laucks Testing Laboratories, Inc.

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012399

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL22-016

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

Lab File ID: B1109014.D

Level: (LOW/MED)

Date Collected: 11/03/2006

% Moisture: not dec.

Date/Time Analyzed: 11/09/2006 14:49

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

Dilution Factor: 1.0

Soil Extract Volume: (uL)

Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

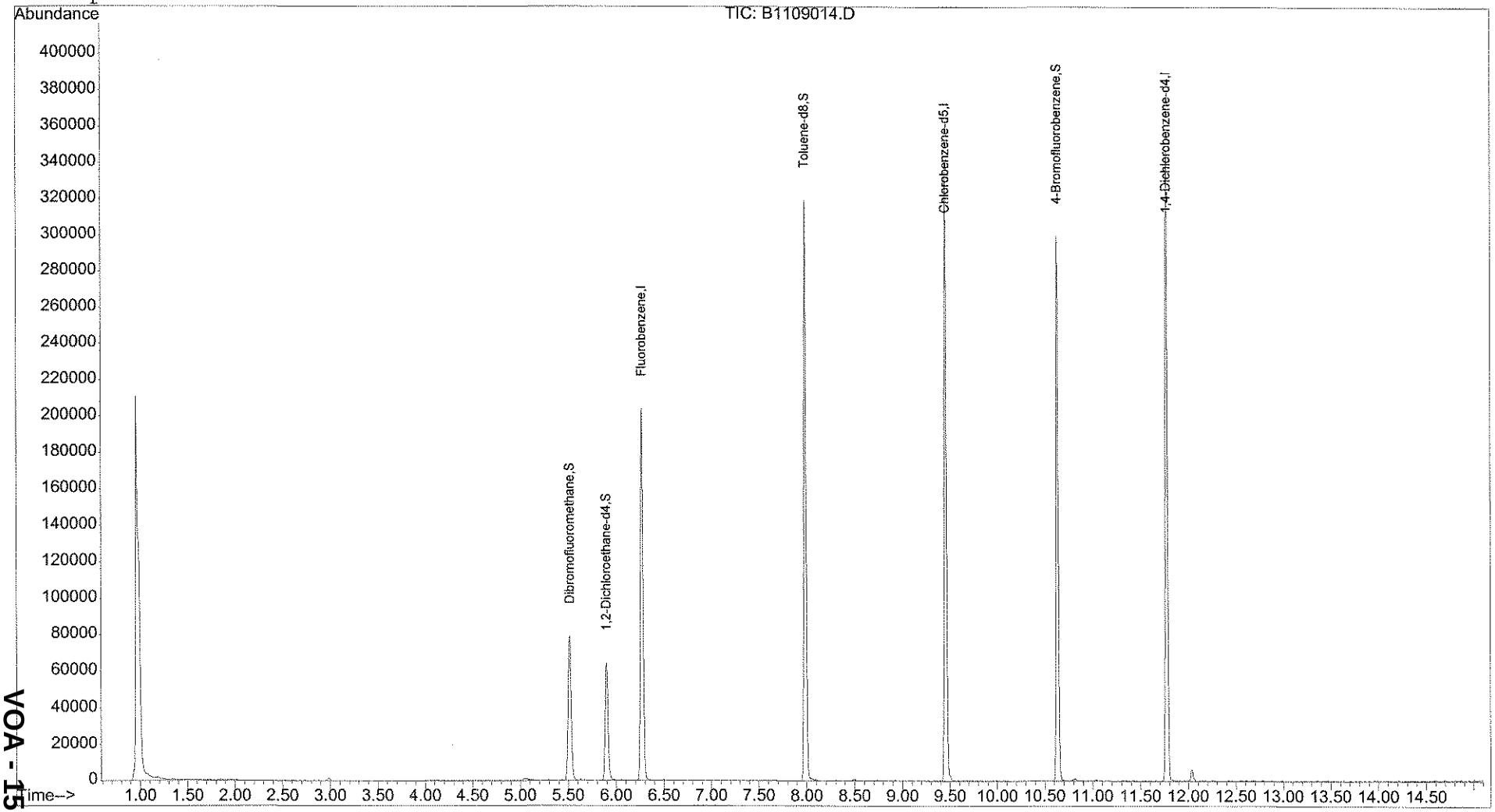
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110906\B1109014.D Vial: 21
Acq On : 9 Nov 2006 14:49 Operator: DGA
Sample : JPL22-016TB-7-11/3/06 Inst : Buddha
Misc : #2 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:22 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 : Fri Dec 08 08:10:46 2006
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\BUDDHA\110906\B1109014.D Vial: 21
Acq On : 9 Nov 2006 14:49 Operator: DGA
Sample : JPL22-016TB-7-11/3/06 Inst : Buddha
Misc : #2 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:22 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 : Fri Dec 08 08:10:46 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	163945	10.00 ug/l	0.00 52.71%
51) Chlorobenzene-d5	9.45	82	86692	10.00 ug/l	0.00 54.16%
71) 1,4-Dichlorobenzene-d4	11.78	152	86898	10.00 ug/l	0.00 45.11%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	51326	11.13 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	59201	12.54 ug/l	0.00
52) Toluene-d8	7.98	98	183497	10.78 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	72611	11.72 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	2.53	43	401	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.61	76	402	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	839	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	4.06	43	29	N.D.	
23) 1,1-Dichloroethane	0.00	63	0	N.D.	
24) Chloroprene	4.09	53	31	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\110906\B1109014.D Vial: 21
Acq On : 9 Nov 2006 14:49 Operator: DGA
Sample : JPL22-016TB-7-11/3/06 Inst : Buddha
Misc : #2 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:22 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 : Fri Dec 08 08:10:46 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	0.00	83	0	N.D.	d	
33) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	5.55	56	29	N.D.		
35) Carbon Tetrachloride	0.00	117	0	N.D.		
36) Isobutanol	0.00	43	0	N.D.	d	
37) 1,1-Dichloropropene	5.62	75	30	N.D.		
39) Benzene	5.94	78	29	N.D.		
40) 1,2-Dichloroethane	0.00	62	0	N.D.		
41) Trichloroethene	6.70	130	31	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	7.05	41	31	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	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	8.05	92	49	N.D.		
54) Ethyl methacrylate	8.55	69	45	N.D.		
55) trans-1,3-Dichloropropene	0.00	75	0	N.D.		
56) 1,1,2-Trichloroethane	8.49	97	38	N.D.		
57) Tetrachloroethene	8.66	166	37	N.D.		
58) 2-Hexanone	0.00	43	0	N.D.	d	
59) 1,3-Dichloropropane	0.00	76	0	N.D.		
60) Dibromochloromethane	8.79	129	30	N.D.		
61) 1,2-Dibromoethane	9.16	107	37	N.D.		
62) Chlorobenzene	0.00	112	0	N.D.		
63) 1-Chlorohexane	9.49	91	39	N.D.		
64) Ethylbenzene	9.49	91	39	N.D.		
65) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
66) m,p-Xylene	9.71	106	29	N.D.		
67) o-xylene	10.11	106	45	N.D.		
68) Styrene	10.12	104	30	N.D.		
69) Bromoform	10.51	173	43	N.D.		
70) Isopropylbenzene	10.62	105	29	N.D.		
73) 1,1,2,2-Tetrachloroethane	10.63	83	83	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110906\B1109014.D Vial: 21
Acq On : 9 Nov 2006 14:49 Operator: DGA
Sample : JPL22-016TB-7-11/3/06 Inst : Buddha
Misc : #2 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:22 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 : Fri Dec 08 08:10:46 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	10.65	53	30	N.D.		
76)	Bromobenzene	10.65	156	45	N.D.		
77)	1,2,3-Trichloropropane	10.64	110	43	N.D.		
78)	2-Chlorotoluene	10.97	91	33	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	4-Chlorotoluene	10.97	91	33	N.D.		
81)	tert-Butylbenzene	11.61	119	36	N.D.		
82)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
83)	sec-butylbenzene	11.72	105	33	N.D.		
84)	4-Isopropyltoluene	11.61	119	36	N.D.		
85)	1,3-Dichlorobenzene	11.77	111	722	N.D.		
86)	1,4-Dichlorobenzene	11.70	146	36	N.D.		
87)	n-Butylbenzene	12.15	91	30	N.D.		
88)	1,2-Dichlorobenzene	12.08	146	35	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	14.00	225	42	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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-5

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

SDG No.: JPL22 Run Sequence: R012399

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-017

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1109011.D

Level: (LOW/MED) Date Collected: 11/06/2006

% Moisture: not dec. Date/Time Analyzed: 11/09/2006 13:21

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-5

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

SDG No.: JPL22 Run Sequence: R012399

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-017

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1109011.D

Level: (LOW/MED) Date Collected: 11/06/2006

% Moisture: not dec. Date/Time Analyzed: 11/09/2006 13:21

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	0.36	J
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	0.27	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-3-5

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

SDG No.: JPL22 Run Sequence: R012399

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-017

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1109011.D

Level: (LOW/MED) _____ Date Collected: 11/06/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/09/2006 13:21

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

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

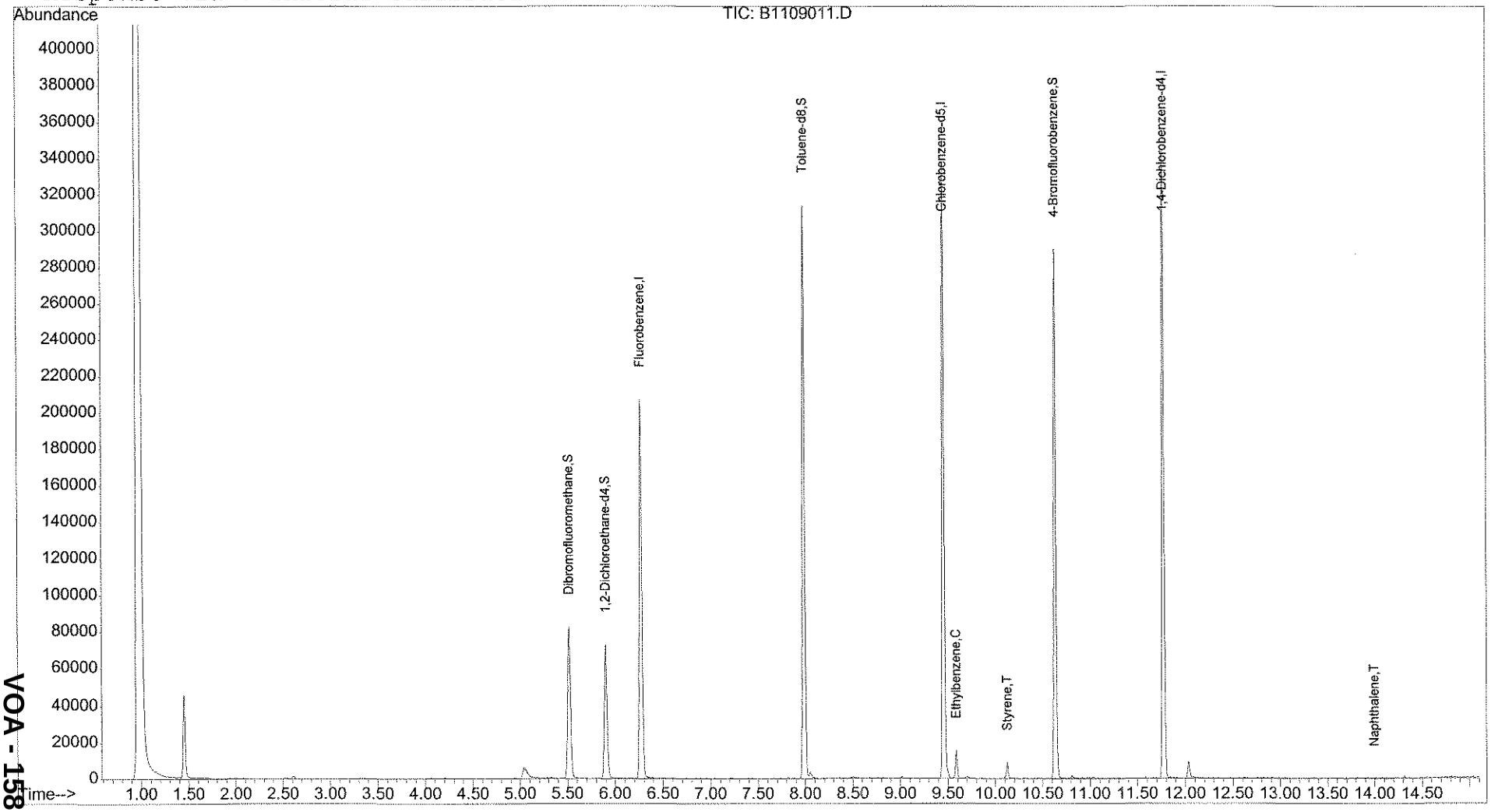
Heated Purge: (Y/N) N

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\110906\B1109011.D Vial: 18
Acq On : 9 Nov 2006 13:21 Operator: DGA
Sample : JPL22-017 MW-3-5 Inst : Buddha
Misc : #7 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:18 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 : Fri Dec 08 08:10:46 2006
Response via : Initial Calibration



VOA - 158

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110906\B1109011.D Vial: 18
Acq On : 9 Nov 2006 13:21 Operator: DGA
Sample : JPL22-017 MW-3-5 Inst : Buddha
Misc : #7 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:18 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 : Fri Dec 08 08:10:46 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	166353	10.00	ug/l	0.00 53.49%
51) Chlorobenzene-d5	9.46	82	88585	10.00	ug/l	0.00 55.34%
71) 1,4-Dichlorobenzene-d4	11.77	152	85775	10.00	ug/l	0.00 44.52%
System Monitoring Compounds						
32) Dibromofluoromethane	5.52	111	53051	11.33	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	58944	12.31	ug/l	0.00
52) Toluene-d8	7.99	98	180546	10.38	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	73623	12.04	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	1.33	62	67	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	2.61	76	2518	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	3.33	73	210	N.D.		
20) trans-1,2-Dichloroethene	0.00	96	0	N.D.		
21) Acrylonitrile	0.00	53	0	N.D.	d	
22) Vinyl acetate	4.09	43	31	N.D.		
23) 1,1-Dichloroethane	0.00	63	0	N.D.		
24) Chloroprene	4.01	53	36	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\110906\B1109011.D Vial: 18
Acq On : 9 Nov 2006 13:21 Operator: DGA
Sample : JPL22-017 MW-3-5 Inst : Buddha
Misc : #7 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:18 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 : Fri Dec 08 08:10:46 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	5.28	41	51	N.D.	
31)	Chloroform	0.00	83	0	N.D.	
33)	1,1,1-Trichloroethane	0.00	97	0	N.D. 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	5.63	75	40	N.D.	
39)	Benzene	5.92	78	567	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Trichloroethene	6.72	130	36	N.D.	
42)	Methylcyclohexane	6.81	83	32	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	7.11	93	31	N.D.	
45)	Methyl methacrylate	6.99	41	30	N.D.	
46)	1,4-Dioxane	0.00	88	0	N.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	8.05	92	875	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	trans-1,3-Dichloropropene	8.33	75	38	N.D.	
56)	1,1,2-Trichloroethane	8.50	97	31	N.D.	
57)	Tetrachloroethene	8.52	166	33	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	8.96	107	29	N.D.	
62)	Chlorobenzene	9.49	112	29	N.D.	
63)	1-Chlorohexane	0.00	91	0	N.D. d	
64)	Ethylbenzene	9.59	91	8117	0.36 ug/l	95
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66)	m,p-Xylene	9.71	106	126	N.D.	
67)	o-xylene	10.11	106	29	N.D.	
68)	Styrene	10.12	104	3801	0.27 ug/l	98
69)	Bromoform	10.31	173	33	N.D.	
70)	Isopropylbenzene	10.46	105	31	N.D.	
73)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	

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

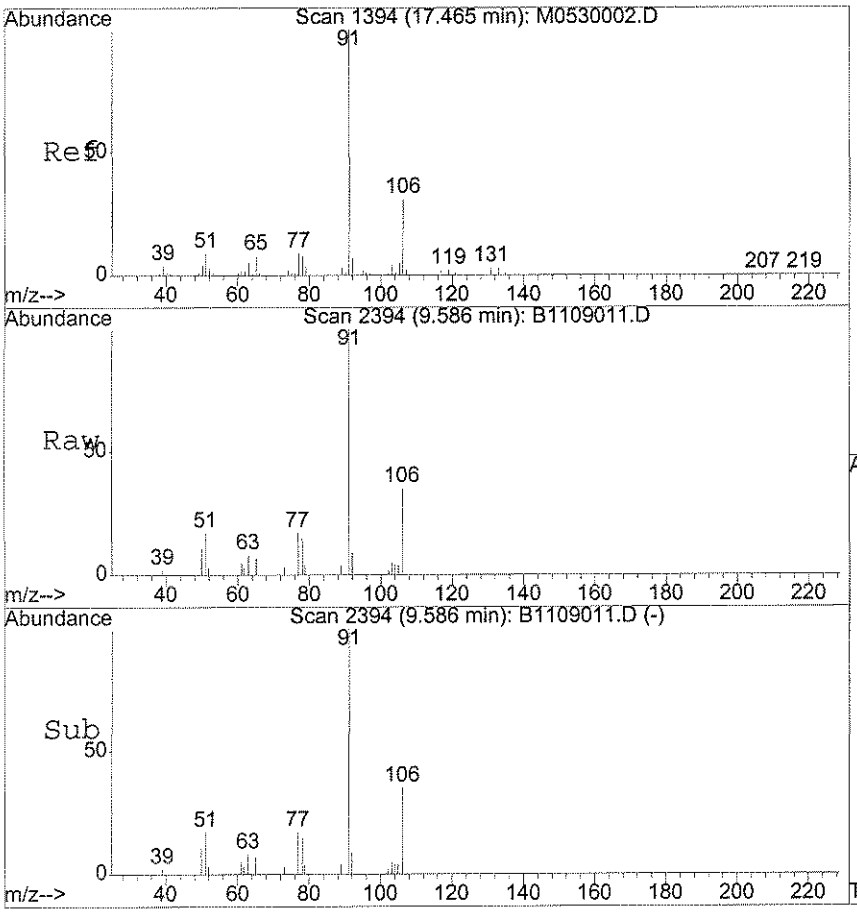
Quantitation Report

Data File : X:\MSVOA\BUDDHA\110906\B1109011.D Vial: 18
Acq On : 9 Nov 2006 13:21 Operator: DGA
Sample : JPL22-017 MW-3-5 Inst : Buddha
Misc : #7 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:18 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 : Fri Dec 08 08:10:46 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	0.00	156	0	N.D.	
77)	1,2,3-Trichloropropane	10.64	110	32	N.D.	
78)	2-Chlorotoluene	10.87	91	41	N.D.	
79)	1,3,5-Trimethylbenzene	11.06	105	32	N.D.	
80)	4-Chlorotoluene	11.07	91	41	N.D.	
81)	tert-Butylbenzene	11.36	119	30	N.D.	
82)	1,2,4-Trimethylbenzene	11.44	105	31	N.D.	
83)	sec-butylbenzene	11.44	105	31	N.D.	
84)	4-Isopropyltoluene	11.73	119	30	N.D.	
85)	1,3-Dichlorobenzene	0.00	111	0	N.D. d	
86)	1,4-Dichlorobenzene	11.79	146	87	N.D.	
87)	n-Butylbenzene	11.88	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.	
90)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
91)	Hexachlorobutadiene	0.00	225	0	N.D.	
92)	Naphthalene	14.00	128	74	~~0.77 ug/l~~ #	42
93)	1,2,3-Trichlorobenzene	14.26	180	34	N.D.	

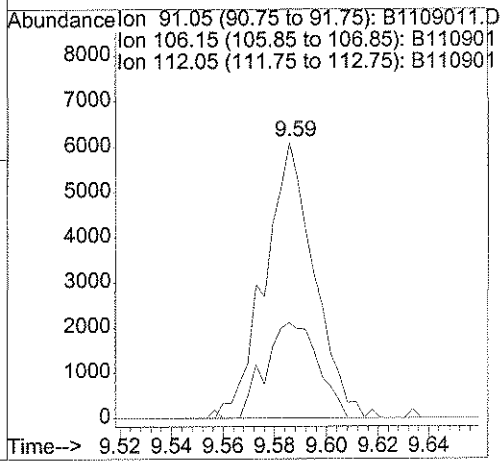
(#) = qualifier out of range (m) = manual integration

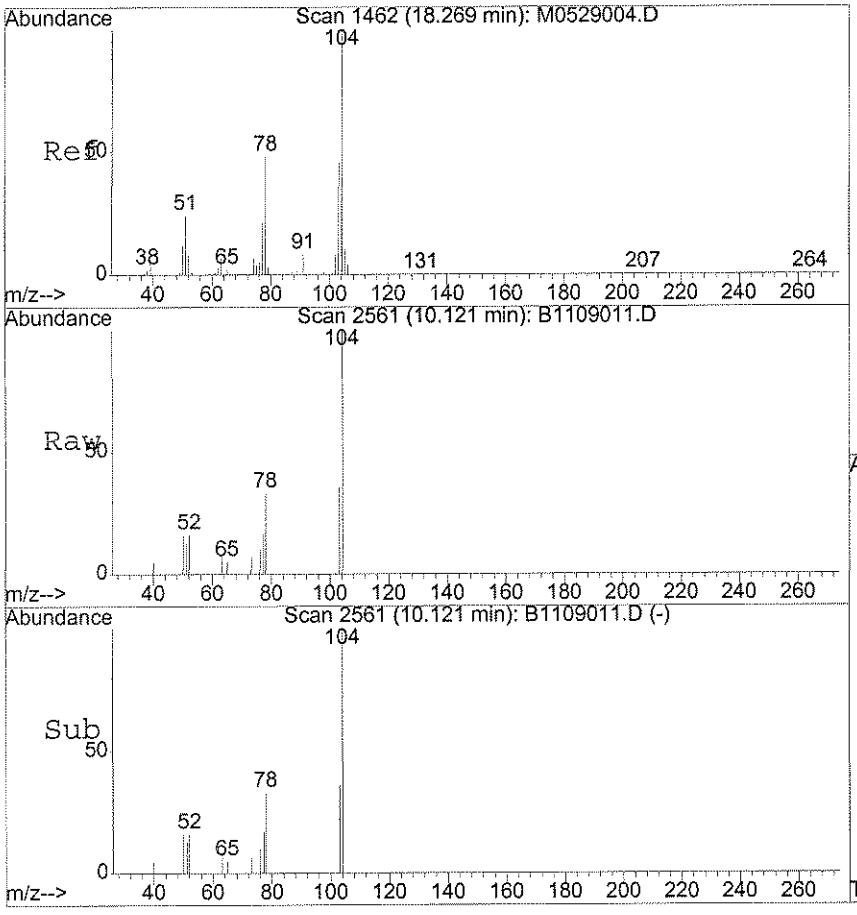


#64
Ethylbenzene
Concen: 0.36 ug/l
RT: 9.59 min Scan# 2394
Delta R.T. -0.00 min
Lab File: B1109011.D
Acq: 9 Nov 2006 13:21

Tgt Ion: 91 Resp: 8117

Ion	Ratio	Lower	Upper
91	100		
106	34.6	25.3	37.9
112	0.0	0.0	0.0

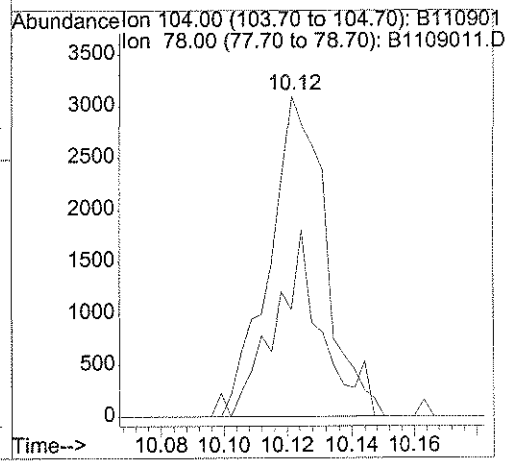




#68
Styrene
Concen: 0.27 ug/l
RT: 10.12 min Scan# 2561
Delta R.T. -0.00 min
Lab File: B1109011.D
Acq: 9 Nov 2006 13:21

Tgt Ion:104 Resp: 3801

Ion	Ratio	Lower	Upper
104	100		
78	49.2	30.7	70.7



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-4

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

SDG No.: JPL22 Run Sequence: R012399

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-018

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1109012.D

Level: (LOW/MED) Date Collected: 11/06/2006

% Moisture: not dec. Date/Time Analyzed: 11/09/2006 13:50

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.

MW-3-4

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

SDG No.: JPL22 Run Sequence: R012399

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-018

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1109012.D

Level: (LOW/MED) Date Collected: 11/06/2006

% Moisture: not dec. Date/Time Analyzed: 11/09/2006 13:50

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-4

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

SDG No.: JPL22 Run Sequence: R012399

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-018

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1109012.D

Level: (LOW/MED) Date Collected: 11/06/2006

% Moisture: not dec. Date/Time Analyzed: 11/09/2006 13:50

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

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

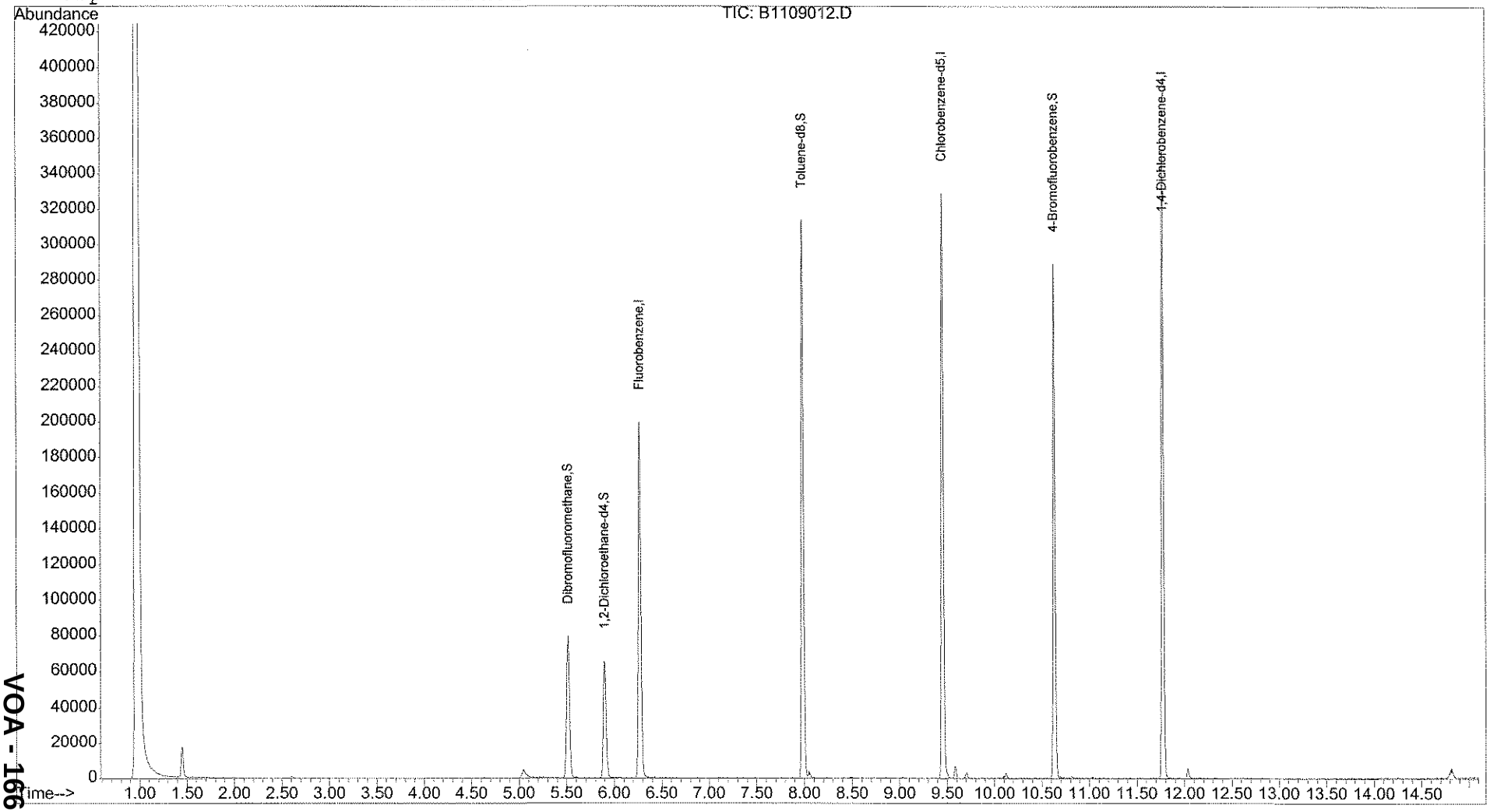
Heated Purge: (Y/N) N

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:

Data File : X:\MSVOA\BUDDHA\110906\B1109012.D Vial: 19
Acq On : 9 Nov 2006 13:50 Operator: DGA
Sample : JPL22-018 MW-3-4 Inst : Buddha
Misc : #2 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:19 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 : Fri Dec 08 08:10:46 2006
Response via : Initial Calibration



VOA - 166

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110906\B1109012.D Vial: 19
Acq On : 9 Nov 2006 13:50 Operator: DGA
Sample : JPL22-018 MW-3-4 Inst : Buddha
Misc : #2 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:19 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 : Fri Dec 08 08:10:46 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	163175	10.00	ug/l	0.00 52.46%
51) Chlorobenzene-d5	9.45	82	85049	10.00	ug/l	0.00 53.13%
71) 1,4-Dichlorobenzene-d4	11.77	152	88822	10.00	ug/l	0.00 46.11%
System Monitoring Compounds						
32) Dibromofluoromethane	5.52	111	49454	10.77	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	58577	12.47	ug/l	0.00
52) Toluene-d8	7.98	98	176414	10.57	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	73485	11.60	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	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	2.59	76	1428	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\110906\B1109012.D Vial: 19
Acq On : 9 Nov 2006 13:50 Operator: DGA
Sample : JPL22-018 MW-3-4 Inst : Buddha
Misc : #2 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:19 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 : Fri Dec 08 08:10:46 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	5.14	41	32	N.D.	
31)	Chloroform	0.00	83	0	N.D.	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)	Isobutanol	0.00	43	0	N.D.	d
37)	1,1-Dichloropropene	5.60	75	29	N.D.	
39)	Benzene	5.91	78	285	N.D.	
40)	1,2-Dichloroethane	5.87	62	36	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.	d
48)	Bromodichloromethane	0.00	83	0	N.D.	
49)	cis-1,3-Dichloropropene	7.65	75	33	N.D.	
50)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d
53)	Toluene	8.05	92	886	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	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	8.67	76	35	N.D.	
60)	Dibromochloromethane	8.81	129	31	N.D.	
61)	1,2-Dibromoethane	8.82	107	32	N.D.	
62)	Chlorobenzene	0.00	112	0	N.D.	
63)	1-Chlorohexane	9.59	91	4238	N.D.	
64)	Ethylbenzene	9.59	91	4238	N.D.	
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66)	m,p-Xylene	9.69	106	774	N.D.	
67)	o-xylene	10.10	106	63	N.D.	
68)	Styrene	10.12	104	750	N.D.	
69)	Bromoform	0.00	173	0	N.D.	
70)	Isopropylbenzene	10.38	105	36	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.63	83	29	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110906\B1109012.D Vial: 19
Acq On : 9 Nov 2006 13:50 Operator: DGA
Sample : JPL22-018 MW-3-4 Inst : Buddha
Misc : #2 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:19 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 : Fri Dec 08 08:10:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	n-Propylbenzene	10.77	120	38	N.D.		
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
76)	Bromobenzene	0.00	156	0	N.D.		
77)	1,2,3-Trichloropropane	10.64	110	36	N.D.		
78)	2-Chlorotoluene	10.87	91	34	N.D.		
79)	1,3,5-Trimethylbenzene	11.24	105	30	N.D.		
80)	4-Chlorotoluene	10.88	91	31	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.41	105	33	N.D.		
83)	sec-butylbenzene	11.43	105	63	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.		
85)	1,3-Dichlorobenzene	11.71	111	39	N.D.		
86)	1,4-Dichlorobenzene	11.78	146	35	N.D.		
87)	n-Butylbenzene	12.13	91	55	N.D.		
88)	1,2-Dichlorobenzene	12.16	146	33	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	13.90	225	42	N.D.		
92)	Naphthalene	0.00	128	0	N.D.	d	
93)	1,2,3-Trichlorobenzene	14.38	180	34	N.D.		

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-8-11/6/06

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

SDG No.: JPL22 Run Sequence: R012399

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-019

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1109013.D

Level: (LOW/MED) Date Collected: 11/06/2006

% Moisture: not dec. Date/Time Analyzed: 11/09/2006 14:20

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-8-11/6/06

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

SDG No.: JPL22 Run Sequence: R012399

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-019

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1109013.D

Level: (LOW/MED) Date Collected: 11/06/2006

% Moisture: not dec. Date/Time Analyzed: 11/09/2006 14:20

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-8-11/6/06

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

SDG No.: JPL22 Run Sequence: R012399

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-019

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1109013.D

Level: (LOW/MED) Date Collected: 11/06/2006

% Moisture: not dec. Date/Time Analyzed: 11/09/2006 14:20

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

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

Heated Purge: (Y/N) N

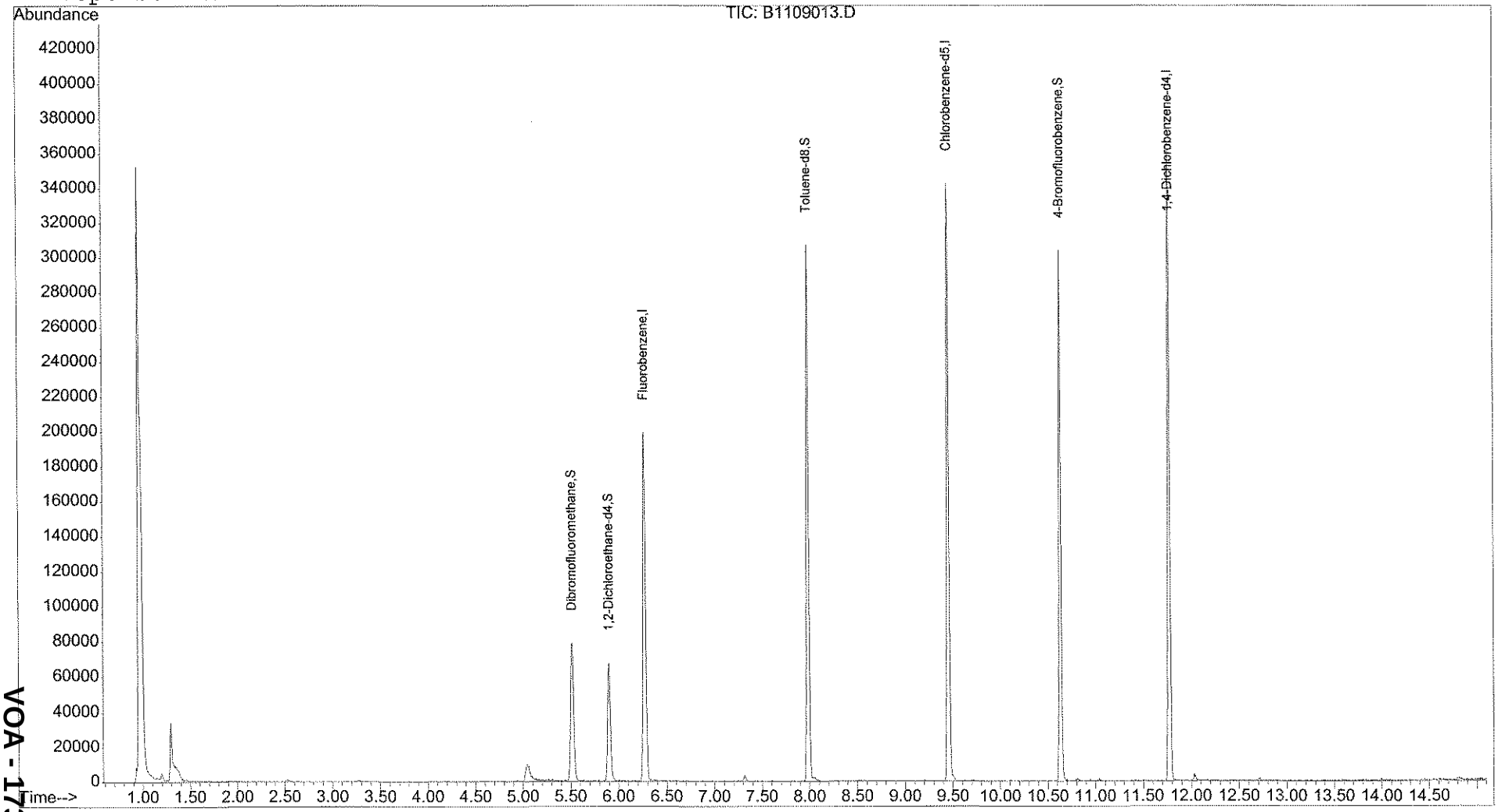
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110906\B1109013.D Vial: 20
Acq On : 9 Nov 2006 14:20 Operator: DGA
Sample : JPL22-019 EB-8-11/6/06 Inst : Buddha
Misc : #2 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:21 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 : Fri Dec 08 08:10:46 2006
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\BUDDHA\110906\B1109013.D Vial: 20
Acq On : 9 Nov 2006 14:20 Operator: DGA
Sample : JPL22-019 EB-8-11/6/06 Inst : Buddha
Misc : #2 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:21 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 : Fri Dec 08 08:10:46 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	163611	10.00 ug/l	0.00 52.61%
51) Chlorobenzene-d5	9.46	82	88739	10.00 ug/l	0.00 55.44%
71) 1,4-Dichlorobenzene-d4	11.78	152	90896	10.00 ug/l	0.00 47.18%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	51458	11.18 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	60211	12.78 ug/l	0.00
52) Toluene-d8	7.99	98	181439	10.42 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	76074	11.74 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	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	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	4.03	43	35	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\110906\B1109013.D Vial: 20
Acq On : 9 Nov 2006 14:20 Operator: DGA
Sample : JPL22-019 EB-8-11/6/06 Inst : Buddha
Misc : #2 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:21 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 : Fri Dec 08 08:10:46 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	5.29	41	32	N.D.	
31)	Chloroform	0.00	83	0	N.D.	d
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	5.48	56	94	N.D.	
35)	Carbon Tetrachloride	0.00	117	0	N.D.	
36)	Isobutanol	0.00	43	0	N.D.	d
37)	1,1-Dichloropropene	5.64	75	71	N.D.	
39)	Benzene	5.91	78	37	N.D.	
40)	1,2-Dichloroethane	0.00	62	0	N.D.	
41)	Trichloroethene	0.00	130	0	N.D.	
42)	Methylcyclohexane	6.88	83	29	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	7.26	41	49	N.D.	
46)	1,4-Dioxane	7.21	88	36	No Calib	#
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	d
48)	Bromodichloromethane	7.28	83	31	N.D.	
49)	cis-1,3-Dichloropropene	7.85	75	33	N.D.	
50)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d
53)	Toluene	8.06	92	282	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	trans-1,3-Dichloropropene	8.18	75	32	N.D.	
56)	1,1,2-Trichloroethane	8.52	97	42	N.D.	
57)	Tetrachloroethene	0.00	166	0	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	d
59)	1,3-Dichloropropane	8.64	76	31	N.D.	
60)	Dibromochloromethane	0.00	129	0	N.D.	
61)	1,2-Dibromoethane	8.80	107	33	N.D.	
62)	Chlorobenzene	9.47	112	31	N.D.	
63)	1-Chlorohexane	9.70	91	114	N.D.	
64)	Ethylbenzene	9.70	91	114	N.D.	
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66)	m,p-Xylene	9.69	106	46	N.D.	
67)	o-xylene	0.00	106	0	N.D.	
68)	Styrene	10.12	104	38	N.D.	
69)	Bromoform	10.09	173	31	N.D.	
70)	Isopropylbenzene	10.63	105	77	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.64	83	39	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110906\B1109013.D Vial: 20
Acq On : 9 Nov 2006 14:20 Operator: DGA
Sample : JPL22-019 EB-8-11/6/06 Inst : Buddha
Misc : #2 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:21 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 : Fri Dec 08 08:10:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	n-Propylbenzene	10.97	120	32	N.D.		
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
76)	Bromobenzene	10.64	156	43	N.D.		
77)	1,2,3-Trichloropropane	10.87	110	43	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	11.42	119	31	N.D.		
82)	1,2,4-Trimethylbenzene	11.42	105	65	N.D.		
83)	sec-butylbenzene	11.44	105	35	N.D.		
84)	4-Isopropyltoluene	11.74	119	43	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d	
86)	1,4-Dichlorobenzene	11.80	146	45	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.		
88)	1,2-Dichlorobenzene	11.92	146	32	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
90)	1,2,4-Trichlorobenzene	13.81	180	34	N.D.		
91)	Hexachlorobutadiene	13.90	225	75	N.D.		
92)	Naphthalene	0.00	128	0	N.D.	d	
93)	1,2,3-Trichlorobenzene	14.10	180	31	N.D.		

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-8-11/6/06

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-020

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108013.D

Level: (LOW/MED) Date Collected: 11/06/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-8-11/6/06

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-020

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108013.D

Level: (LOW/MED) Date Collected: 11/06/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-8-11/6/06

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

SDG No.: JPL22 Run Sequence: R012285

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-020

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1108013.D

Level: (LOW/MED) Date Collected: 11/06/2006

% Moisture: not dec. Date/Time Analyzed: 11/08/2006 10:00

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

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

Heated Purge: (Y/N) N

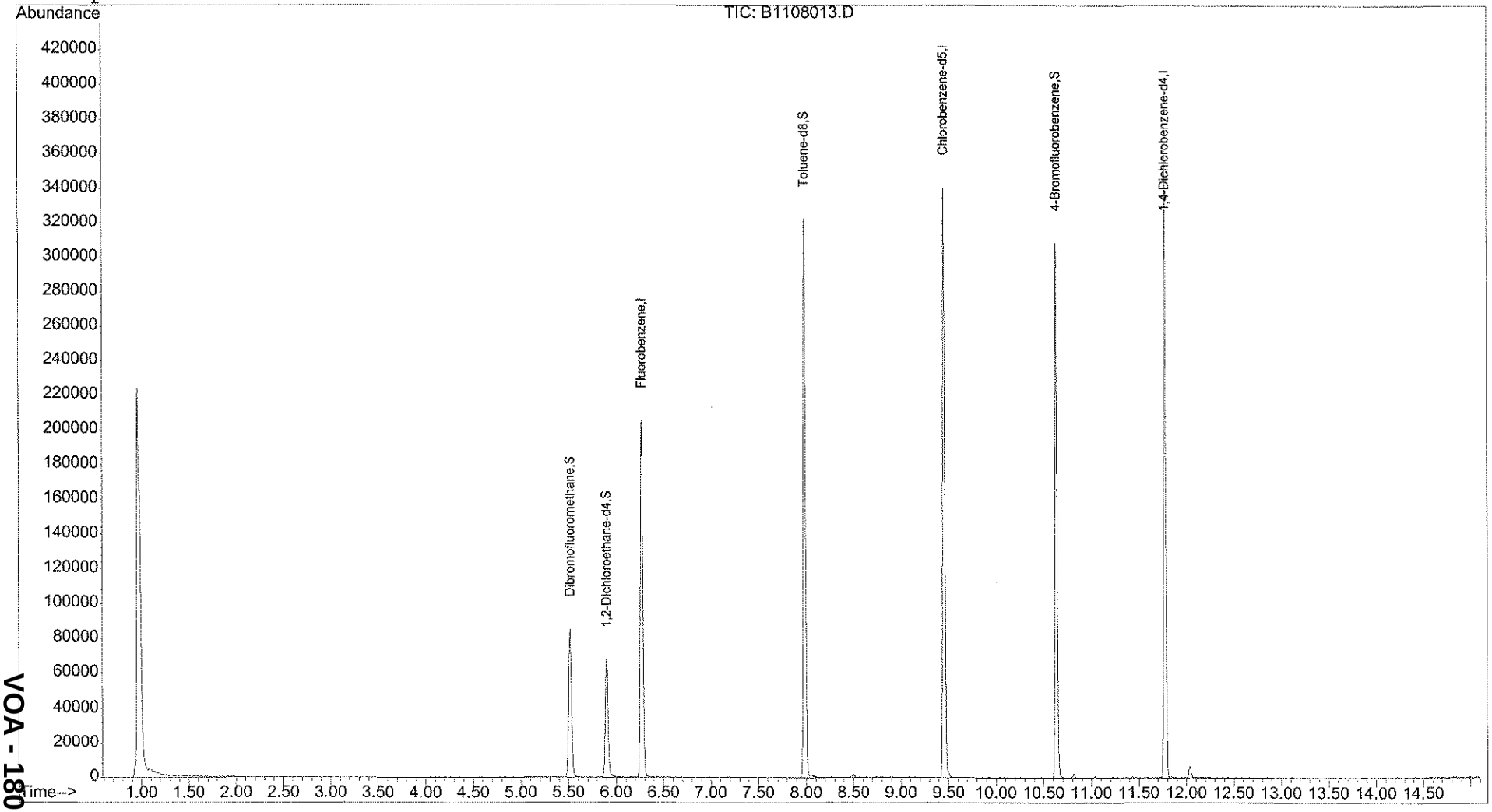
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108013.D Vial: 16
Acq On : 8 Nov 2006 14:02 Operator: DGA
Sample : JPL22-020 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:37 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 : Fri Dec 08 08:10:46 2006
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108013.D Vial: 16
Acq On : 8 Nov 2006 14:02 Operator: DGA
Sample : JPL22-020 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:37 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 : Fri Dec 01 09:32:34 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	170897	10.00	ug/l	0.00 54.95%
51) Chlorobenzene-d5	9.45	82	89809	10.00	ug/l	0.00 56.11%
71) 1,4-Dichlorobenzene-d4	11.78	152	90275	10.00	ug/l	0.00 46.86%
System Monitoring Compounds						
32) Dibromofluoromethane	5.52	111	53617	11.15	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	60614	12.32	ug/l	0.00
52) Toluene-d8	7.98	98	184629	10.47	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	74429	11.56	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	2.61	76	85	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	76	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	4.01	43	34	N.D.		
23) 1,1-Dichloroethane	4.01	63	40	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	4.87	77	30	N.D.		
26) cis-1,2-Dichloroethene	4.78	96	41	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108013.D Vial: 16
Acq On : 8 Nov 2006 14:02 Operator: DGA
Sample : JPL22-020 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:37 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 : Fri Dec 01 09:32:34 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	5.21	41	30	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)	Isobutanol	0.00	43	0	N.D. 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)	Trichloroethene	0.00	130	0	N.D.	
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	7.03	63	30	Below Cal #	45
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	1,4-Dioxane	7.20	88	35	No Calib #	
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	8.05	92	43	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	trans-1,3-Dichloropropene	8.26	75	29	N.D.	
56)	1,1,2-Trichloroethane	8.74	97	38	N.D.	
57)	Tetrachloroethene	8.55	166	30	N.D.	
58)	2-Hexanone	0.00	43	0	N.D. d	
59)	1,3-Dichloropropane	8.83	76	40	N.D.	
60)	Dibromochloromethane	0.00	129	0	N.D.	
61)	1,2-Dibromoethane	9.09	107	29	N.D.	
62)	Chlorobenzene	9.48	112	36	N.D.	
63)	1-Chlorohexane	9.70	91	60	N.D.	
64)	Ethylbenzene	9.70	91	60	N.D.	
65)	1,1,1,2-Tetrachloroethane	9.73	131	36	N.D.	
66)	m,p-Xylene	0.00	106	0	N.D.	
67)	o-xylene	0.00	106	0	N.D.	
68)	Styrene	0.00	104	0	N.D.	
69)	Bromoform	10.25	173	44	N.D.	
70)	Isopropylbenzene	10.62	105	40	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.62	83	30	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110806\B1108013.D Vial: 16
Acq On : 8 Nov 2006 14:02 Operator: DGA
Sample : JPL22-020 Inst : Buddha
Misc : 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:37 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 : Fri Dec 01 09:32:34 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	n-Propylbenzene	11.05	120	32	N.D.		
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
76)	Bromobenzene	10.64	156	35	N.D.		
77)	1,2,3-Trichloropropane	10.94	110	37	N.D.		
78)	2-Chlorotoluene	10.87	91	31	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	4-Chlorotoluene	11.06	91	35	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.42	105	30	N.D.		
83)	sec-butylbenzene	11.59	105	46	N.D.		
84)	4-Isopropyltoluene	11.73	119	81	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d	
86)	1,4-Dichlorobenzene	11.80	146	35	N.D.		
87)	n-Butylbenzene	12.12	91	34	N.D.		
88)	1,2-Dichlorobenzene	12.23	146	29	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	36	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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-3

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

SDG No.: JPL22 Run Sequence: R012399

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-021

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1109015.D

Level: (LOW/MED) Date Collected: 11/07/2006

% Moisture: not dec. Date/Time Analyzed: 11/09/2006 15:19

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-3

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

SDG No.: JPL22 Run Sequence: R012399

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-021

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1109015.D

Level: (LOW/MED) Date Collected: 11/07/2006

% Moisture: not dec. Date/Time Analyzed: 11/09/2006 15:19

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

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

Heated Purge: (Y/N) N

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-3

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

SDG No.: JPL22 Run Sequence: R012399

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-021

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1109015.D

Level: (LOW/MED) Date Collected: 11/07/2006

% Moisture: not dec. Date/Time Analyzed: 11/09/2006 15:19

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

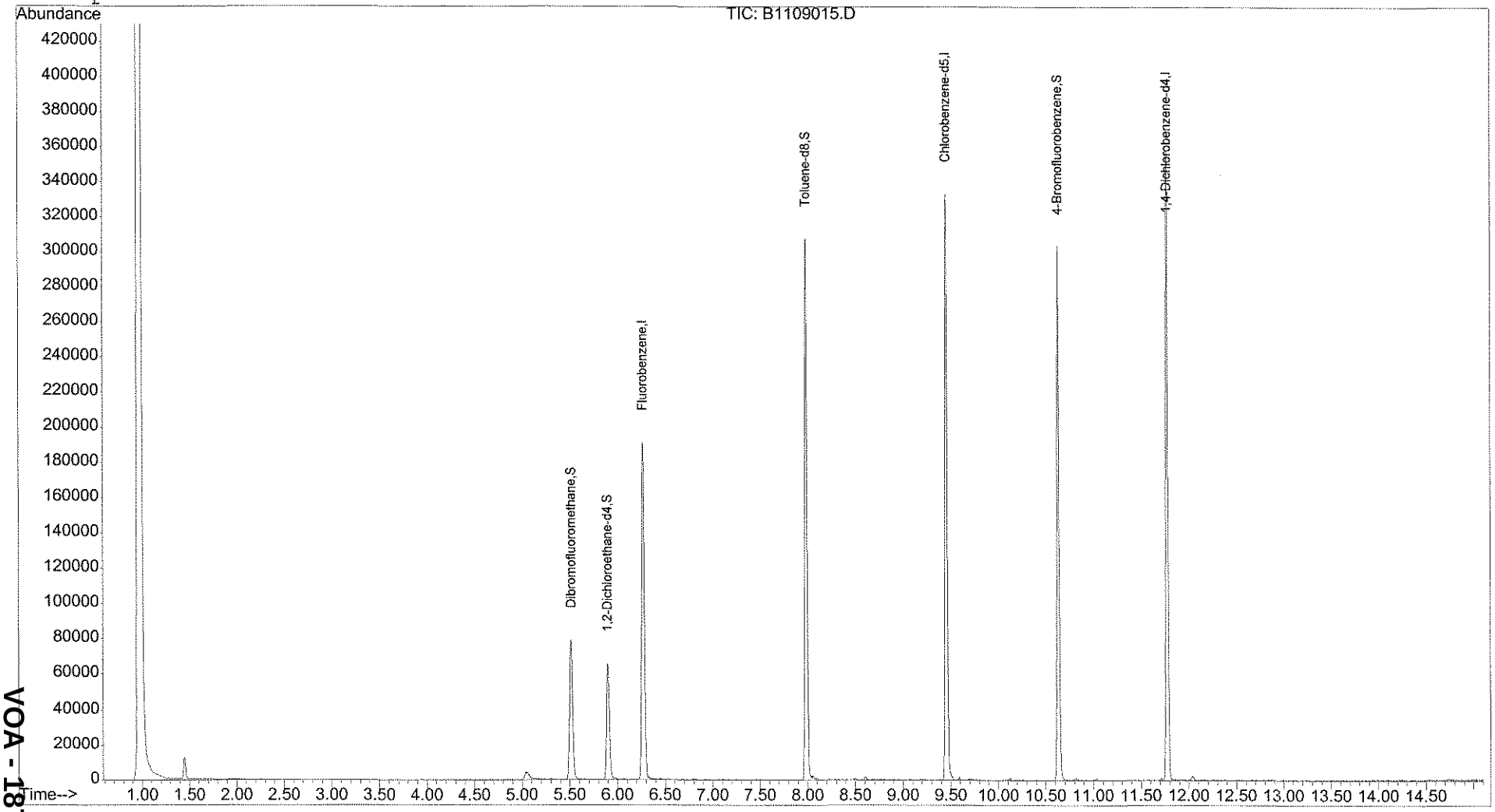
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110906\B1109015.D Vial: 22
Acq On : 9 Nov 2006 15:19 Operator: DGA
Sample : JPL22-021 MW-3-3 Inst : Buddha
Misc : #7 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:24 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 : Fri Dec 08 08:10:46 2006
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\BUDDHA\110906\B1109015.D Vial: 22
Acq On : 9 Nov 2006 15:19 Operator: DGA
Sample : JPL22-021 MW-3-3 Inst : Buddha
Misc : #7 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:24 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 : Fri Dec 08 08:10:46 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	162820	10.00	ug/l	0.00 52.35%
51) Chlorobenzene-d5	9.45	82	88455	10.00	ug/l	0.00 55.26%
71) 1,4-Dichlorobenzene-d4	11.77	152	89338	10.00	ug/l	0.00 46.37%
System Monitoring Compounds						
32) Dibromofluoromethane	5.52	111	50822	11.09	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	58820	12.55	ug/l	0.00
52) Toluene-d8	7.98	98	177585	10.23	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	75199	11.81	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	2.59	76	72	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	3.94	63	758	N.D.		
24) Chloroprene	0.00	53	0	N.D.		
25) 2,2-Dichloropropane	4.73	77	32	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\110906\B1109015.D Vial: 22
Acq On : 9 Nov 2006 15:19 Operator: DGA
Sample : JPL22-021 MW-3-3 Inst : Buddha
Misc : #7 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:24 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 : Fri Dec 08 08:10:46 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	5.13	41	53	N.D.		
31)	Chloroform	0.00	83	0	N.D.	d	
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.		
34)	Cyclohexane	5.50	56	32	N.D.		
35)	Carbon Tetrachloride	0.00	117	0	N.D.		
36)	Isobutanol	0.00	43	0	N.D.	d	
37)	1,1-Dichloropropene	5.68	75	29	N.D.		
39)	Benzene	5.92	78	67	N.D.		
40)	1,2-Dichloroethane	0.00	62	0	N.D.		
41)	Trichloroethene	6.69	130	102	N.D.		
42)	Methylcyclohexane	6.82	83	30	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	7.03	41	30	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	0.00	83	0	N.D.		
49)	cis-1,3-Dichloropropene	7.76	75	34	N.D.		
50)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d	
53)	Toluene	8.05	92	203	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	0.00	97	0	N.D.		
57)	Tetrachloroethene	8.60	166	645	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.	d	
59)	1,3-Dichloropropane	8.70	76	29	N.D.		
60)	Dibromochloromethane	0.00	129	0	N.D.		
61)	1,2-Dibromoethane	9.22	107	30	N.D.		
62)	Chlorobenzene	0.00	112	0	N.D.		
63)	1-Chlorohexane	9.59	91	960	N.D.		
64)	Ethylbenzene	9.70	91	252	N.D.		
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
66)	m,p-Xylene	9.70	106	30	N.D.		
67)	o-xylene	0.00	106	0	N.D.		
68)	Styrene	10.12	104	443	N.D.		
69)	Bromoform	0.00	173	0	N.D.		
70)	Isopropylbenzene	10.62	105	51	N.D.		
73)	1,1,2,2-Tetrachloroethane	10.64	83	32	N.D.		

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\110906\B1109015.D Vial: 22
Acq On : 9 Nov 2006 15:19 Operator: DGA
Sample : JPL22-021 MW-3-3 Inst : Buddha
Misc : #7 25ML +IS/SS Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 8:24 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 : Fri Dec 08 08:10:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	n-Propylbenzene	10.63	120	37	N.D.		
75)	trans-1,4-Dichloro-2-buten	10.65	53	43	N.D.		
76)	Bromobenzene	10.64	156	36	N.D.		
77)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
78)	2-Chlorotoluene	10.95	91	30	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	4-Chlorotoluene	10.95	91	30	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.42	105	31	N.D.		
83)	sec-butylbenzene	11.58	105	36	N.D.		
84)	4-Isopropyltoluene	11.74	119	39	N.D.		
85)	1,3-Dichlorobenzene	11.71	111	93	N.D.		
86)	1,4-Dichlorobenzene	11.80	146	415	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.		
88)	1,2-Dichlorobenzene	12.17	146	69	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		
90)	1,2,4-Trichlorobenzene	13.75	180	32	N.D.		
91)	Hexachlorobutadiene	0.00	225	0	N.D.		
92)	Naphthalene	0.00	128	0	N.D.		
93)	1,2,3-Trichlorobenzene	14.24	180	38	N.D.		

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-2

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

SDG No.: JPL22 Run Sequence: R012486

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-022

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1110015.D

Level: (LOW/MED) Date Collected: 11/07/2006

% Moisture: not dec. Date/Time Analyzed: 11/10/2006 14:20

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	0.34	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	1.4	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.95	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-2

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

SDG No.: JPL22 Run Sequence: R012486

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-022

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1110015.D

Level: (LOW/MED) Date Collected: 11/07/2006

% Moisture: not dec. Date/Time Analyzed: 11/10/2006 14:20

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-2

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

SDG No.: JPL22 Run Sequence: R012486

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-022

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1110015.D

Level: (LOW/MED) Date Collected: 11/07/2006

% Moisture: not dec. Date/Time Analyzed: 11/10/2006 14:20

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

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

Heated Purge: (Y/N) N

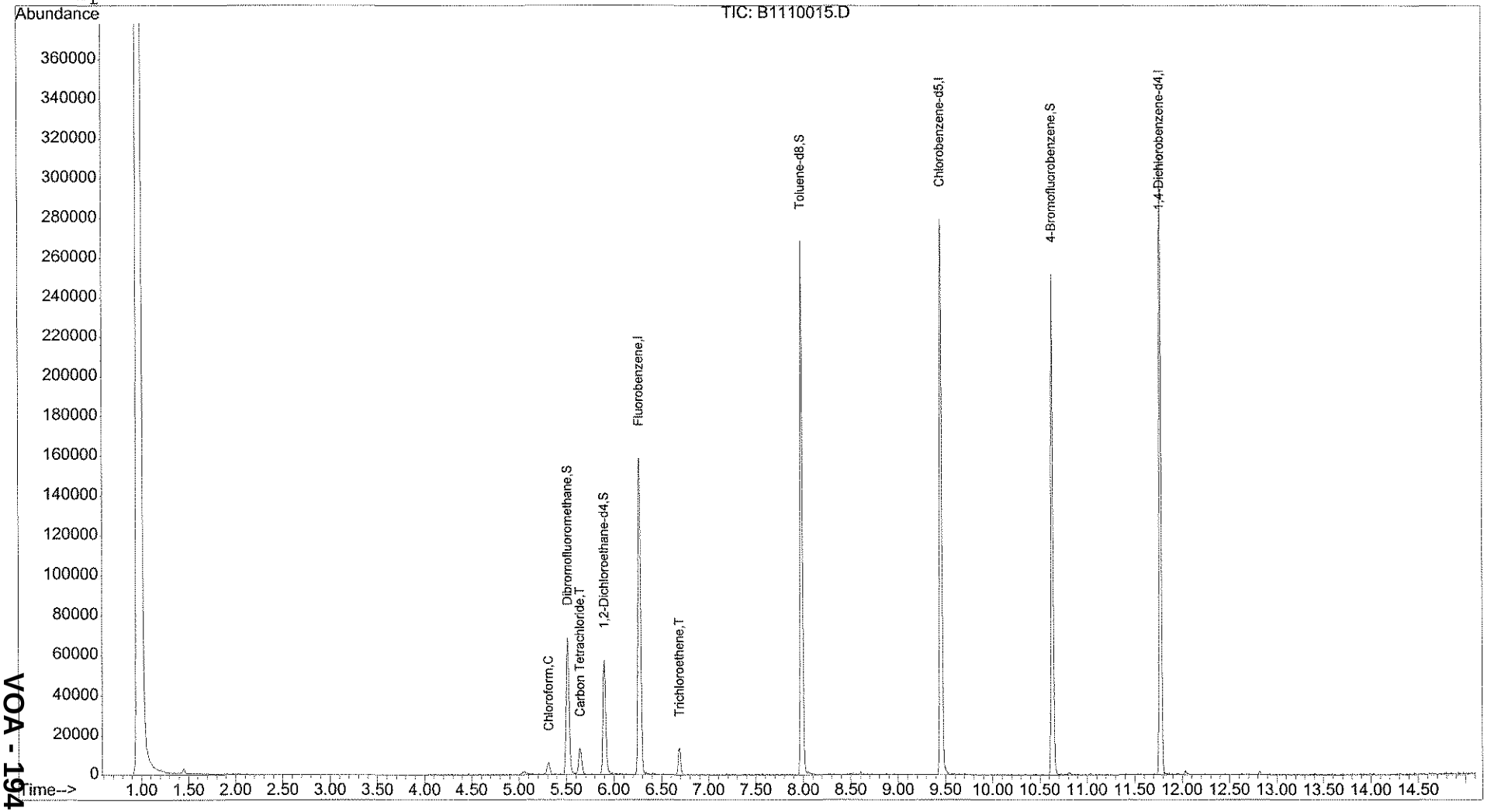
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111006\B1110015.D Vial: 21
Acq On : 10 Nov 2006 14:20 Operator: DGA
Sample : JPL22-022 MW-3-2 Inst : Buddha
Misc : #3 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:17 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 : Fri Dec 08 08:10:46 2006
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\BUDDHA\111006\B1110015.D Vial: 21
Acq On : 10 Nov 2006 14:20 Operator: DGA
Sample : JPL22-022 MW-3-2 Inst : Buddha
Misc : #3 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:17 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 : Fri Dec 08 08:10:46 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	137564	10.00	ug/l	0.00 44.23%
51) Chlorobenzene-d5	9.45	82	74821	10.00	ug/l	0.00 46.74%
71) 1,4-Dichlorobenzene-d4	11.77	152	76070	10.00	ug/l	0.00 39.49%
System Monitoring Compounds						
32) Dibromofluoromethane	5.52	111	42686	11.03	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	51799	13.08	ug/l	0.00
52) Toluene-d8	7.98	98	150496	10.25	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	63413	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	2.41	101	65	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	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	4.05	43	33	N.D.		
23) 1,1-Dichloroethane	0.00	63	0	N.D.		
24) Chloroprene	4.10	53	30	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\111006\B1110015.D Vial: 21
Acq On : 10 Nov 2006 14:20 Operator: DGA
Sample : JPL22-022 MW-3-2 Inst : Buddha
Misc : #3 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:17 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 : Fri Dec 08 08:10:46 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	5739	0.34 ug/l	97
33)	1,1,1-Trichloroethane	0.00	97	0	N.D. d	
34)	Cyclohexane	0.00	56	0	N.D.	
35)	Carbon Tetrachloride	5.65	117	9135	1.43 ug/l	92
36)	Isobutanol	0.00	43	0	N.D. d	
37)	1,1-Dichloropropene	5.67	75	34	N.D.	
39)	Benzene	5.93	78	34	N.D.	
40)	1,2-Dichloroethane	5.98	62	32	N.D.	
41)	Trichloroethene	6.69	130	4143	0.95 ug/l	88
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	0.00	63	0	N.D.	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	0.00	41	0	N.D.	
46)	1,4-Dioxane	0.00	88	0	N.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	8.05	92	58	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	0.00	97	0	N.D.	
57)	Tetrachloroethene	8.61	166	227	N.D.	
58)	2-Hexanone	0.00	43	0	N.D. d	
59)	1,3-Dichloropropane	8.62	76	36	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	192	N.D.	
64)	Ethylbenzene	9.59	91	192	N.D.	
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66)	m,p-Xylene	9.71	106	31	N.D.	
67)	o-xylene	10.10	106	82	N.D.	
68)	Styrene	9.89	104	29	N.D.	
69)	Bromoform	10.34	173	33	N.D.	
70)	Isopropylbenzene	10.63	105	73	N.D.	
73)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	

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

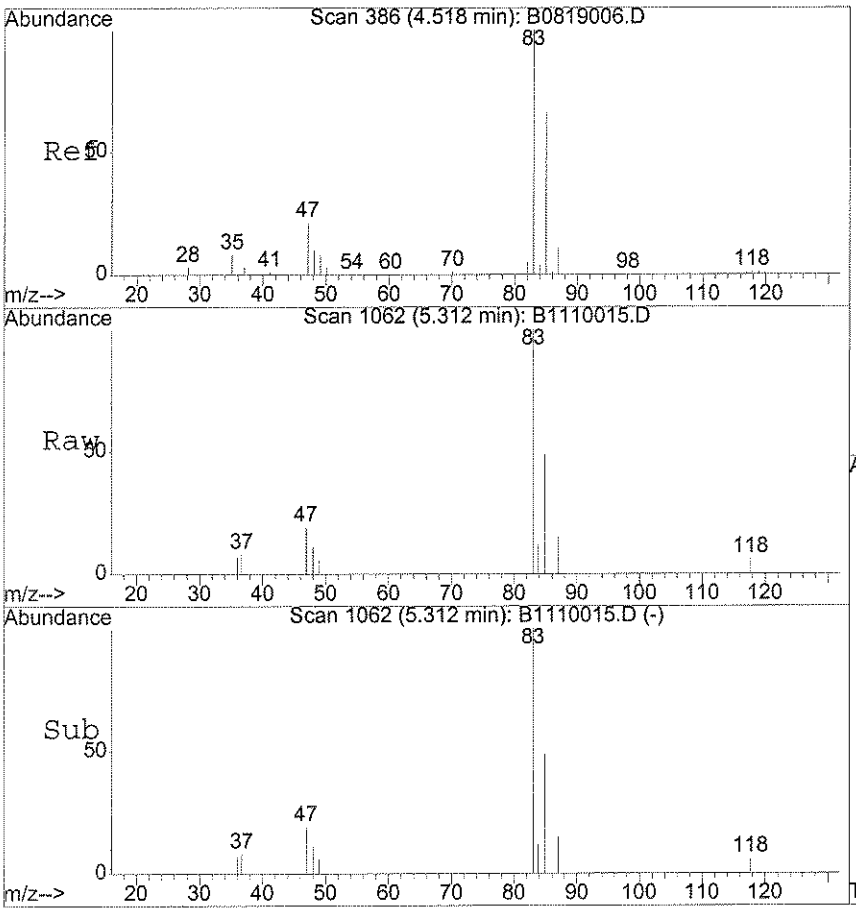
Quantitation Report

Data File : X:\MSVOA\BUDDHA\111006\B1110015.D Vial: 21
Acq On : 10 Nov 2006 14:20 Operator: DGA
Sample : JPL22-022 MW-3-2 Inst : Buddha
Misc : #3 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:17 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 : Fri Dec 08 08:10:46 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	10.77	53	38	N.D.		
76)	Bromobenzene	10.65	156	30	N.D.		
77)	1,2,3-Trichloropropane	10.66	110	30	N.D.		
78)	2-Chlorotoluene	0.00	91	0	N.D.		
79)	1,3,5-Trimethylbenzene	11.13	105	32	N.D.		
80)	4-Chlorotoluene	0.00	91	0	N.D.		
81)	tert-Butylbenzene	11.62	119	41	N.D.		
82)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
83)	sec-butylbenzene	11.79	105	36	N.D.		
84)	4-Isopropyltoluene	11.77	119	80	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.		d
86)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	0.00	91	0	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	13.89	225	30	N.D.		
92)	Naphthalene	0.00	128	0	N.D.		d
93)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

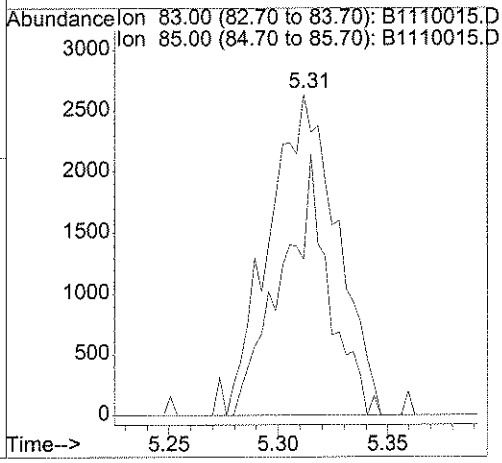
(#) = qualifier out of range (m) = manual integration

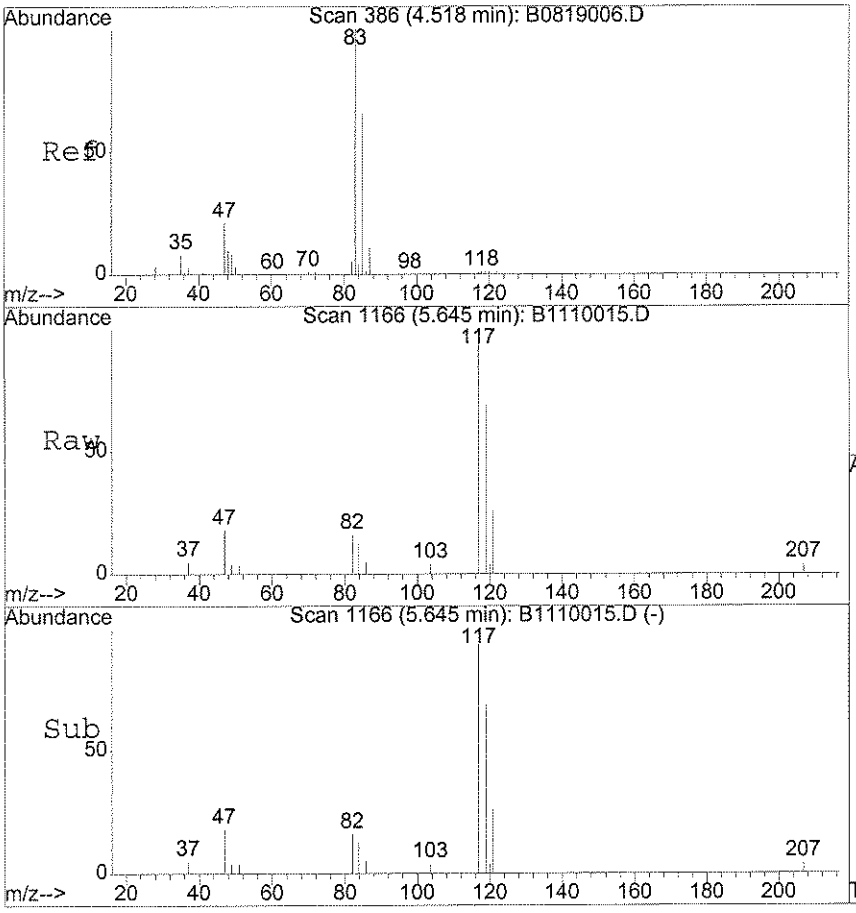


#31
Chloroform
Concen: 0.34 ug/l
RT: 5.31 min Scan# 1062
Delta R.T. 0.00 min
Lab File: B1110015.D
Acq: 10 Nov 2006 14:20

Tgt Ion: 83 Resp: 5739

Ion	Ratio	Lower	Upper
83	100		
85	56.1	38.2	78.2

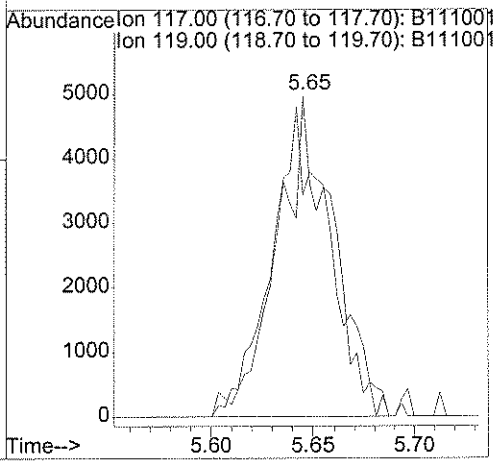


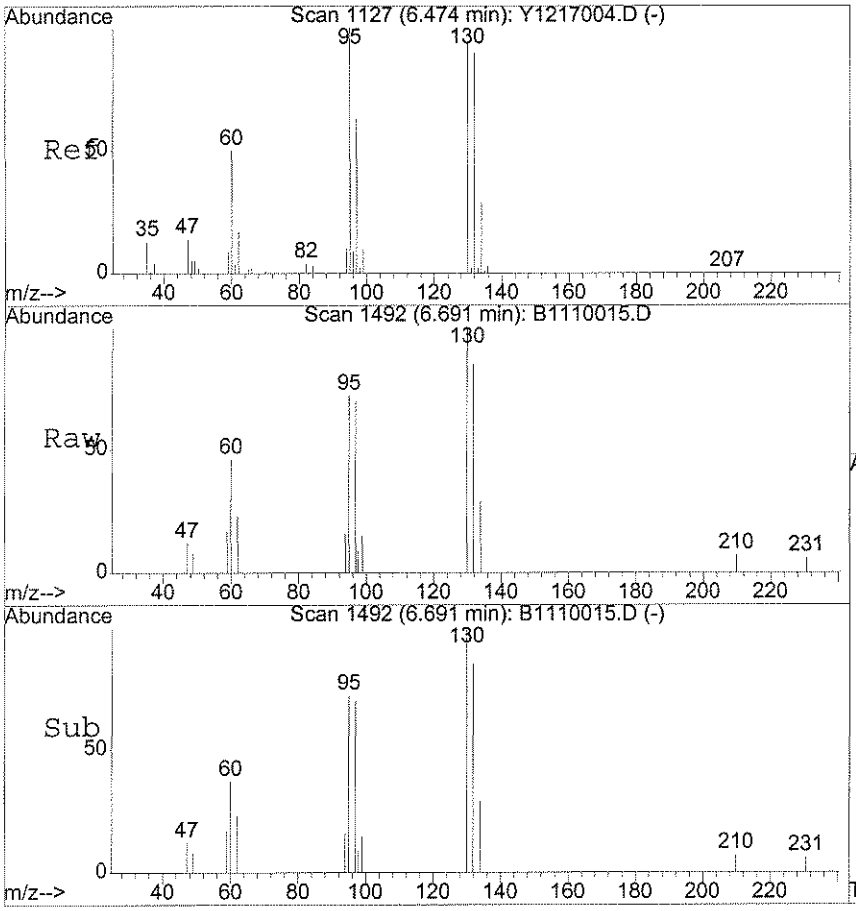


#35
Carbon Tetrachloride
Concen: 1.43 ug/l
RT: 5.65 min Scan# 1166
Delta R.T. -0.01 min
Lab File: B1110015.D
Acq: 10 Nov 2006 14:20

Tgt Ion:117 Resp: 9135

Ion	Ratio	Lower	Upper
117	100		
119	104.4	76.7	116.7

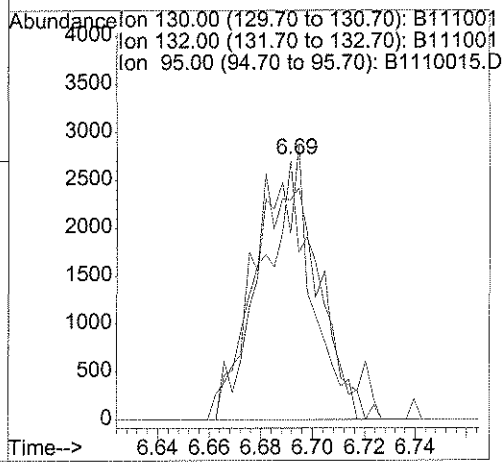




#41
Trichloroethene
Concen: 0.95 ug/l
RT: 6.69 min Scan# 1492
Delta R.T. -0.00 min
Lab File: B1110015.D
Acq: 10 Nov 2006 14:20

Tgt Ion:130 Resp: 4143

Ion	Ratio	Lower	Upper
130	100		
132	107.9	81.1	121.1
95	95.6	60.0	100.0



B1110015.D 826025ML.M Acq :10 Nov 2006 14:20
Sample = JPL22-022 MW-3-2 Misc = #3 25ML +IS/SS (524)

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-2-4Q06

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

SDG No.: JPL22 Run Sequence: R012486

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-023

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1110016.D

Level: (LOW/MED) Date Collected: 11/07/2006

% Moisture: not dec. Date/Time Analyzed: 11/10/2006 14:50

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.

DUPE-2-4Q06

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

SDG No.: JPL22 Run Sequence: R012486

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-023

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1110016.D

Level: (LOW/MED) Date Collected: 11/07/2006

% Moisture: not dec. Date/Time Analyzed: 11/10/2006 14:50

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.

DUPE-2-4Q06

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

SDG No.: JPL22 Run Sequence: R012486

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-023

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1110016.D

Level: (LOW/MED) Date Collected: 11/07/2006

% Moisture: not dec. Date/Time Analyzed: 11/10/2006 14:50

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

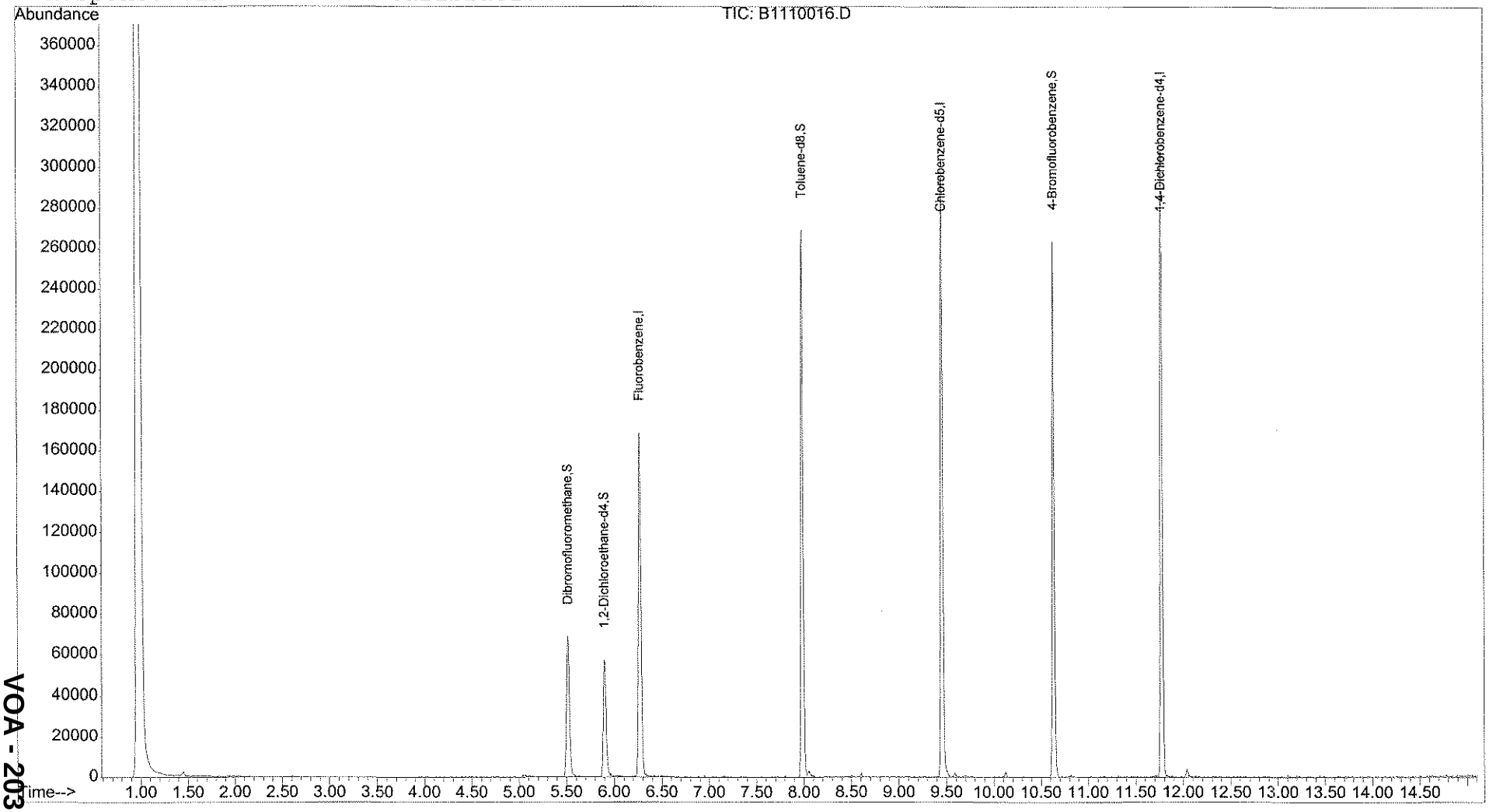
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111006\B1110016.D Vial: 22
Acq On : 10 Nov 2006 14:50 Operator: DGA
Sample : JPL22-023 DUPE-2-4Q06 Inst : Buddha
Misc : #4 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:18 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 : Fri Dec 08 08:10:46 2006
Response via : Initial Calibration



VOA - 203

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111006\B1110016.D Vial: 22
Acq On : 10 Nov 2006 14:50 Operator: DGA
Sample : JPL22-023 DUPE-2-4Q06 Inst : Buddha
Misc : #4 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:18 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 : Fri Dec 08 08:10:46 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	137033	10.00	ug/l	0.00 44.06%
51) Chlorobenzene-d5	9.46	82	75856	10.00	ug/l	0.00 47.39%
71) 1,4-Dichlorobenzene-d4	11.78	152	80973	10.00	ug/l	0.00 42.03%
System Monitoring Compounds						
32) Dibromofluoromethane	5.51	111	44379	11.51	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	51741	13.11	ug/l	0.00
52) Toluene-d8	7.99	98	156278	10.50	ug/l	0.00
72) 4-Bromofluorobenzene	10.64	95	65004	11.26	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	2.61	76	843	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	3.94	63	337	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\111006\B1110016.D Vial: 22
Acq On : 10 Nov 2006 14:50 Operator: DGA
Sample : JPL22-023 DUPE-2-4Q06 Inst : Buddha
Misc : #4 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:18 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 : Fri Dec 08 08:10:46 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	5.28	41	41	N.D.	
31)	Chloroform	0.00	83	0	N.D.	d
33)	1,1,1-Trichloroethane	0.00	97	0	N.D.	
34)	Cyclohexane	5.43	56	36	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	245	N.D.	
40)	1,2-Dichloroethane	5.88	62	44	N.D.	
41)	Trichloroethene	6.69	130	48	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	7.36	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	654	N.D.	
54)	Ethyl methacrylate	8.56	69	33	N.D.	
55)	trans-1,3-Dichloropropene	0.00	75	0	N.D.	
56)	1,1,2-Trichloroethane	8.50	97	30	N.D.	
57)	Tetrachloroethene	8.59	166	255	N.D.	
58)	2-Hexanone	0.00	43	0	N.D.	
59)	1,3-Dichloropropane	0.00	76	0	N.D.	
60)	Dibromochloromethane	0.00	129	0	N.D.	
61)	1,2-Dibromoethane	0.00	107	0	N.D.	
62)	Chlorobenzene	9.48	112	41	N.D.	
63)	1-Chlorohexane	9.58	91	651	N.D.	
64)	Ethylbenzene	9.58	91	651	N.D.	
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66)	m,p-Xylene	9.70	106	114	N.D.	
67)	o-xylene	10.10	106	52	N.D.	
68)	Styrene	10.12	104	1024	N.D.	
69)	Bromoform	0.00	173	0	N.D.	
70)	Isopropylbenzene	10.62	105	104	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.64	83	42	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111006\B1110016.D Vial: 22
Acq On : 10 Nov 2006 14:50 Operator: DGA
Sample : JPL22-023 DUPE-2-4Q06 Inst : Buddha
Misc : #4 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:18 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 : Fri Dec 08 08:10:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
74)	n-Propylbenzene	11.09	120	38	N.D.	
75)	trans-1,4-Dichloro-2-buten	10.64	53	30	N.D.	
76)	Bromobenzene	10.64	156	40	N.D.	
77)	1,2,3-Trichloropropane	10.64	110	39	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	10.92	91	50	N.D.	
81)	tert-Butylbenzene	11.34	119	30	N.D.	
82)	1,2,4-Trimethylbenzene	11.42	105	32	N.D.	
83)	sec-butylbenzene	11.55	105	32	N.D.	
84)	4-Isopropyltoluene	0.00	119	0	N.D.	
85)	1,3-Dichlorobenzene	11.70	111	46	N.D.	
86)	1,4-Dichlorobenzene	11.81	146	164	N.D.	
87)	n-Butylbenzene	0.00	91	0	N.D.	
88)	1,2-Dichlorobenzene	12.17	146	81	N.D.	
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
90)	1,2,4-Trichlorobenzene	13.75	180	40	N.D.	
91)	Hexachlorobutadiene	13.63	225	32	N.D.	
92)	Naphthalene	0.00	128	0	N.D.	
93)	1,2,3-Trichlorobenzene	14.25	180	30	N.D.	

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-9-11/7/06

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

SDG No.: JPL22 Run Sequence: R012486

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-024

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1110017.D

Level: (LOW/MED) Date Collected: 11/07/2006

% Moisture: not dec. Date/Time Analyzed: 11/10/2006 15:20

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	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-9-11/7/06

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

SDG No.: JPL22 Run Sequence: R012486

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-024

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1110017.D

Level: (LOW/MED) Date Collected: 11/07/2006

% Moisture: not dec. Date/Time Analyzed: 11/10/2006 15:20

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	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-9-11/7/06

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

SDG No.: JPL22 Run Sequence: R012486

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-024

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1110017.D

Level: (LOW/MED) Date Collected: 11/07/2006

% Moisture: not dec. Date/Time Analyzed: 11/10/2006 15:20

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

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

Heated Purge: (Y/N) N

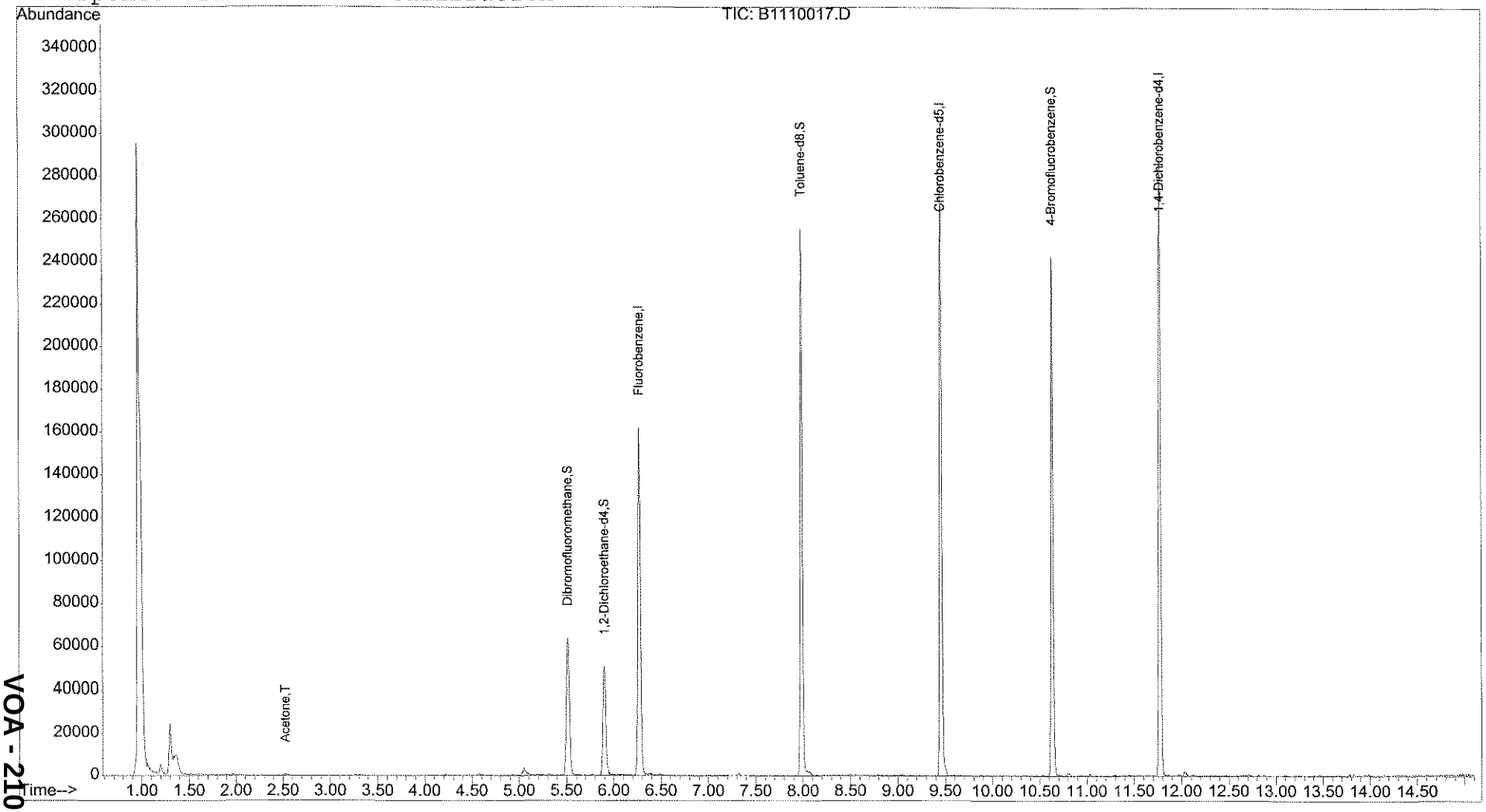
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111006\B1110017.D Vial: 23
Acq On : 10 Nov 2006 15:20 Operator: DGA
Sample : JPL22-024 EB-9-11/7/06 Inst : Buddha
Misc : #5 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:19 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 : Fri Dec 08 08:10:46 2006
Response via : Initial Calibration



VOA - 210

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111006\B1110017.D Vial: 23
Acq On : 10 Nov 2006 15:20 Operator: DGA
Sample : JPL22-024 EB-9-11/7/06 Inst : Buddha
Misc : #5 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:19 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 : Fri Dec 08 08:10:46 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	132470	10.00 ug/l	0.00 42.59%
51) Chlorobenzene-d5	9.45	82	71174	10.00 ug/l	0.00 44.47%
71) 1,4-Dichlorobenzene-d4	11.77	152	71168	10.00 ug/l	0.00 36.94%
System Monitoring Compounds					
32) Dibromofluoromethane	5.51	111	42983	11.53 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	46587	12.21 ug/l	0.00
52) Toluene-d8	7.98	98	144417	10.34 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	60230	11.87 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	2.53	43	2068	4.59 ug/l #	44
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	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	4.10	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	4.87	96	39	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111006\B1110017.D Vial: 23
Acq On : 10 Nov 2006 15:20 Operator: DGA
Sample : JPL22-024 EB-9-11/7/06 Inst : Buddha
Misc : #5 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:19 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 : Fri Dec 08 08:10:46 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	0.00	83	0	N.D. d	
33)	1,1,1-Trichloroethane	0.00	97	0	N.D. 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	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)	Trichloroethene	6.69	130	34	N.D.	
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	7.11	63	32	Below Cal #	45
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	7.07	41	32	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	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	8.05	92	100	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	trans-1,3-Dichloropropene	8.38	75	34	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	9.13	107	30	N.D.	
62)	Chlorobenzene	9.45	112	41	N.D.	
63)	1-Chlorohexane	9.59	91	45	N.D.	
64)	Ethylbenzene	9.59	91	45	N.D.	
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66)	m,p-Xylene	9.70	106	31	N.D.	
67)	o-xylene	10.10	106	36	N.D.	
68)	Styrene	10.12	104	30	N.D.	
69)	Bromoform	0.00	173	0	N.D.	
70)	Isopropylbenzene	10.64	105	249	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.67	83	45	N.D.	

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

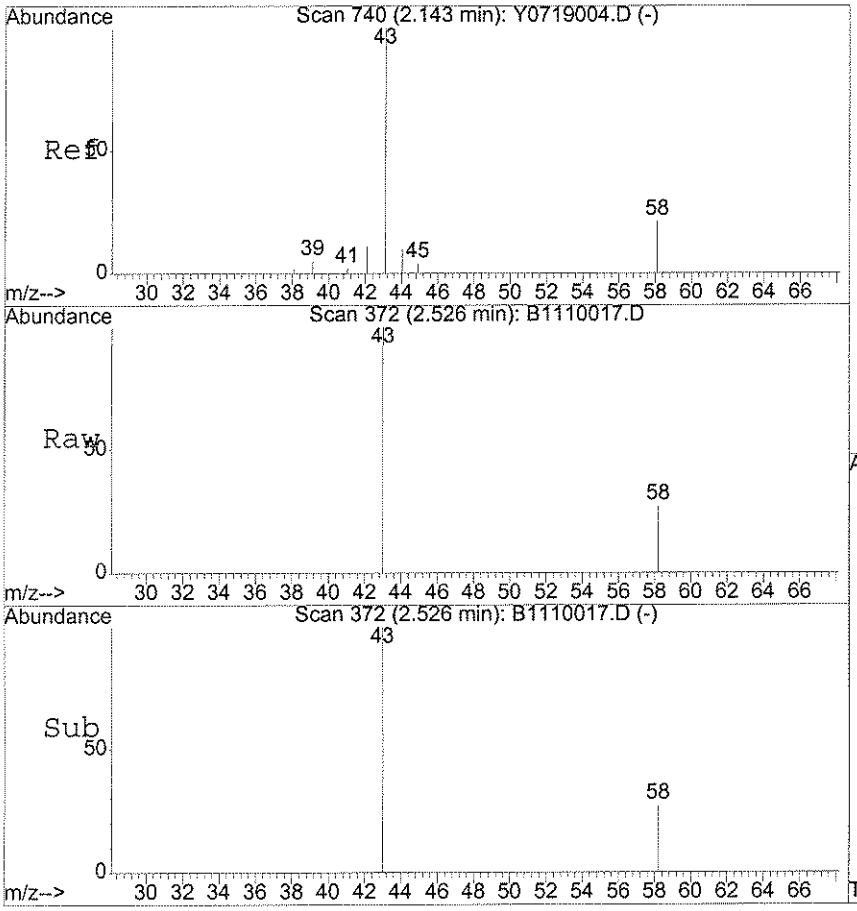
Quantitation Report

Data File : X:\MSVOA\BUDDHA\111006\B1110017.D Vial: 23
Acq On : 10 Nov 2006 15:20 Operator: DGA
Sample : JPL22-024 EB-9-11/7/06 Inst : Buddha
Misc : #5 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:19 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 : Fri Dec 08 08:10:46 2006
Response via : Initial Calibration
DataAcq Meth : 8260

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
74)	n-Propylbenzene	11.02	120	31	N.D.		
75)	trans-1,4-Dichloro-2-buten	10.82	53	31	N.D.		
76)	Bromobenzene	10.99	156	30	N.D.		
77)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
78)	2-Chlorotoluene	10.88	91	32	N.D.		
79)	1,3,5-Trimethylbenzene	11.04	105	36	N.D.		
80)	4-Chlorotoluene	10.88	91	32	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.42	105	69	N.D.		
83)	sec-butylbenzene	11.43	105	42	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.		
85)	1,3-Dichlorobenzene	11.76	111	217	N.D.		
86)	1,4-Dichlorobenzene	0.00	146	0	N.D.		
87)	n-Butylbenzene	12.28	91	34	N.D.		
88)	1,2-Dichlorobenzene	12.07	146	32	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		d
90)	1,2,4-Trichlorobenzene	13.49	180	37	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.		

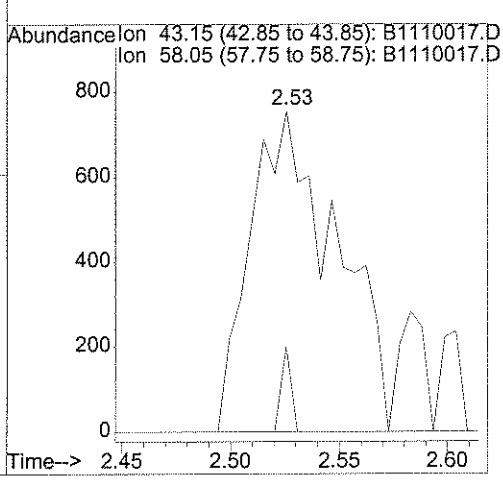
(#) = qualifier out of range (m) = manual integration



#11
Acetone
Concen: 4.59 ug/l
RT: 2.53 min Scan# 372
Delta R.T. 0.00 min
Lab File: B1110017.D
Acq: 10 Nov 2006 15:20

Tgt Ion: 43 Resp: 2068

Ion	Ratio	Lower	Upper
43	100		
58	3.1	29.2	43.8#



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-9-11/7/06

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

SDG No.: JPL22 Run Sequence: R012486

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-025

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1110018.D

Level: (LOW/MED) Date Collected: 11/07/2006

% Moisture: not dec. Date/Time Analyzed: 11/10/2006 15:49

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

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

Heated Purge: (Y/N) N

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-9-11/7/06

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

SDG No.: JPL22 Run Sequence: R012486

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-025

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1110018.D

Level: (LOW/MED) Date Collected: 11/07/2006

% Moisture: not dec. Date/Time Analyzed: 11/10/2006 15:49

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.35	J
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-9-11/7/06

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

SDG No.: JPL22 Run Sequence: R012486

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL22-025

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1110018.D

Level: (LOW/MED) Date Collected: 11/07/2006

% Moisture: not dec. Date/Time Analyzed: 11/10/2006 15:49

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

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

Heated Purge: (Y/N) N

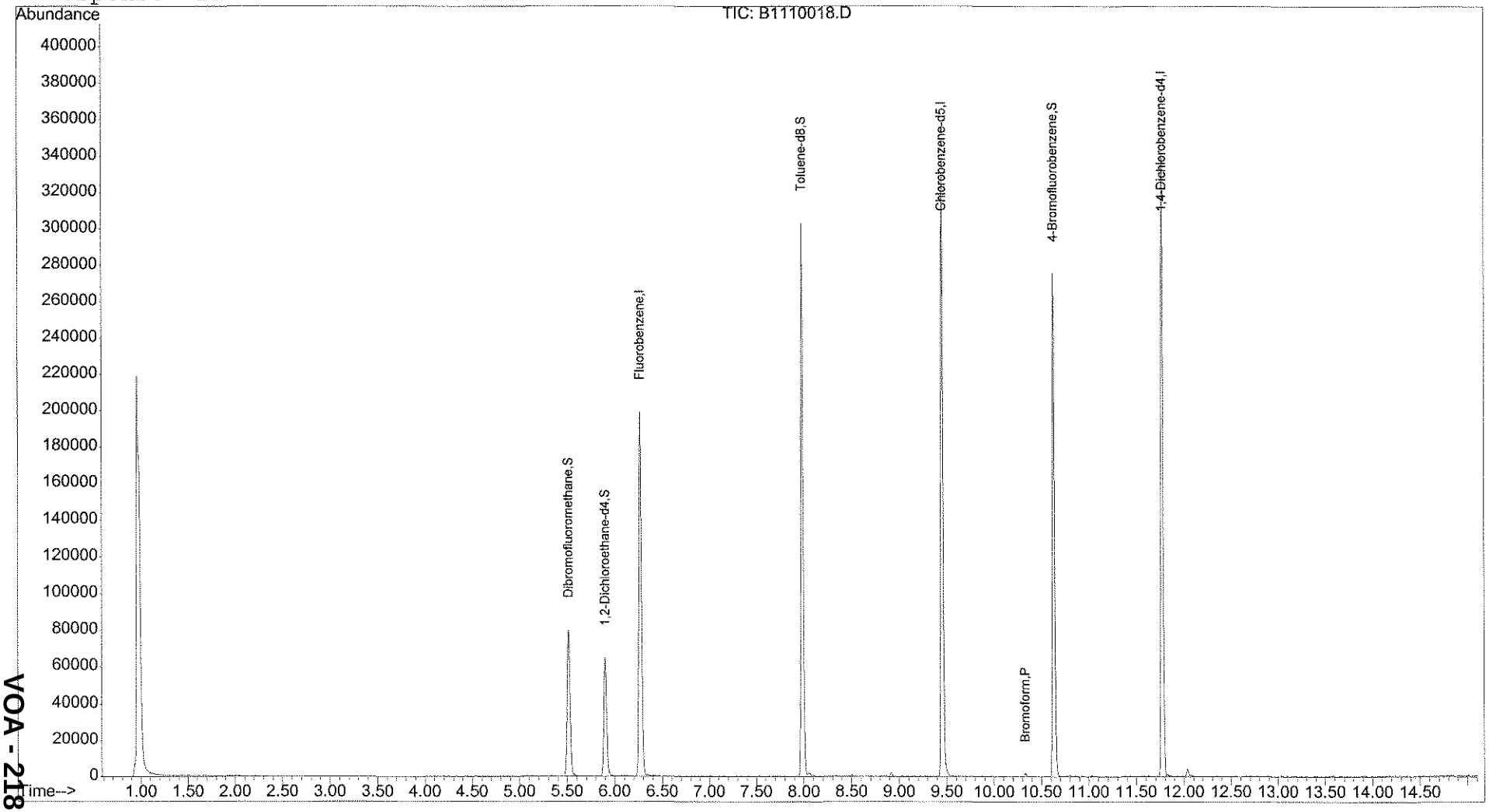
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111006\B1110018.D Vial: 24
Acq On : 10 Nov 2006 15:49 Operator: DGA
Sample : JPL22-025 TB-9-11/7/06 Inst : Buddha
Misc : #2 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:21 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 : Fri Dec 08 08:10:46 2006
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSVOA\BUDDHA\111006\B1110018.D Vial: 24
Acq On : 10 Nov 2006 15:49 Operator: DGA
Sample : JPL22-025 TB-9-11/7/06 Inst : Buddha
Misc : #2 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:21 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 : Fri Dec 08 08:10:46 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	161755	10.00 ug/l	0.00 52.01%
51) Chlorobenzene-d5	9.45	82	83548	10.00 ug/l	0.00 52.20%
71) 1,4-Dichlorobenzene-d4	11.77	152	82049	10.00 ug/l	0.00 42.59%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	51341	11.28 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.91	65	57145	12.27 ug/l	0.00
52) Toluene-d8	7.98	98	174656	10.65 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	70475	12.05 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.22	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) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	40	0	N.D. d	
17) Methyl Acetate	0.00	43	0	N.D.	
18) Methylene Chloride	0.00	84	0	N.D.	
19) 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\111006\B1110018.D Vial: 24
Acq On : 10 Nov 2006 15:49 Operator: DGA
Sample : JPL22-025 TB-9-11/7/06 Inst : Buddha
Misc : #2 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:21 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 : Fri Dec 08 08:10:46 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	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)	Isobutanol	0.00	43	0	N.D.	d	
37)	1,1-Dichloropropene	0.00	75	0	N.D.		
39)	Benzene	6.00	78	36	N.D.		
40)	1,2-Dichloroethane	5.95	62	44	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.	d	
48)	Bromodichloromethane	7.29	83	232	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	30	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	trans-1,3-Dichloropropene	8.51	75	38	N.D.		
56)	1,1,2-Trichloroethane	0.00	97	0	N.D.		
57)	Tetrachloroethene	8.50	166	44	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.	d	
59)	1,3-Dichloropropane	8.48	76	31	N.D.		
60)	Dibromochloromethane	8.91	129	500	N.D.		
61)	1,2-Dibromoethane	0.00	107	0	N.D.		
62)	Chlorobenzene	0.00	112	0	N.D.		
63)	1-Chlorohexane	9.51	91	31	N.D.		
64)	Ethylbenzene	9.51	91	31	N.D.		
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
66)	m,p-Xylene	9.57	106	31	N.D.		
67)	o-xylene	0.00	106	0	N.D.		
68)	Styrene	0.00	104	0	N.D.		
69)	Bromoform	10.33	173	823	0.35 ug/l	#	76
70)	Isopropylbenzene	10.63	105	57	N.D.		
73)	1,1,2,2-Tetrachloroethane	10.78	83	39	N.D.		

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

VOA - 220

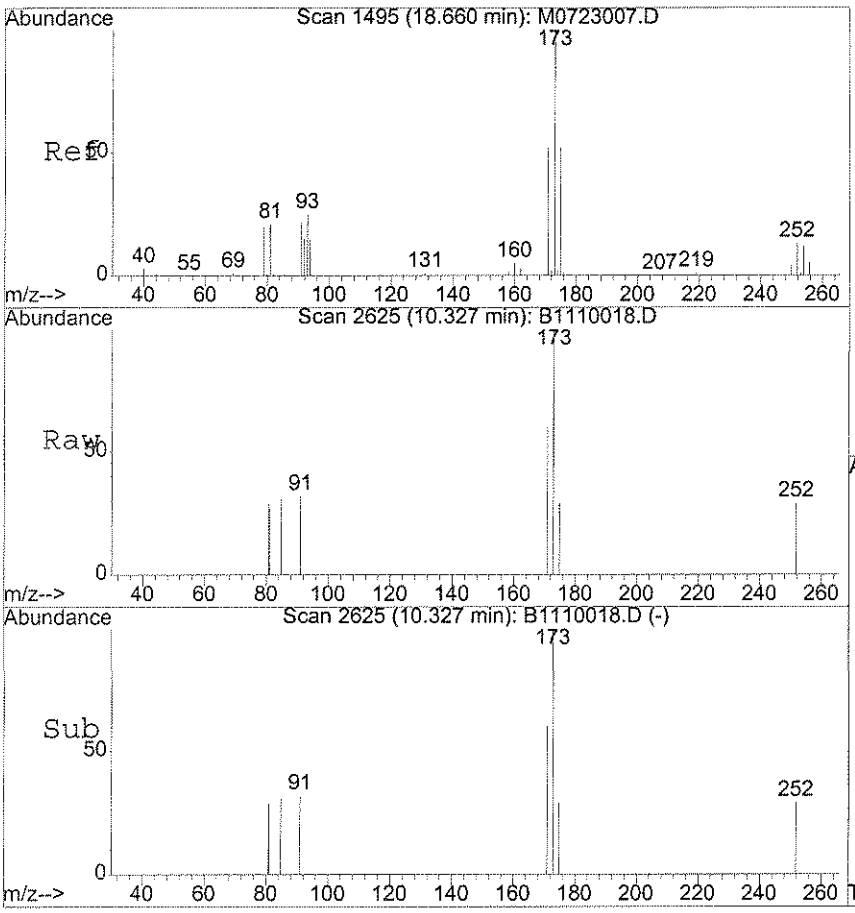
Quantitation Report

Data File : X:\MSVOA\BUDDHA\111006\B1110018.D Vial: 24
Acq On : 10 Nov 2006 15:49 Operator: DGA
Sample : JPL22-025 TB-9-11/7/06 Inst : Buddha
Misc : #2 25ML +IS/SS (524) Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 8 9:21 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 : Fri Dec 08 08:10:46 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	10.64	156	70	N.D.	
77)	1,2,3-Trichloropropane	10.65	110	35	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	0.00	119	0	N.D.	
82)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
83)	sec-butylbenzene	0.00	105	0	N.D.	
84)	4-Isopropyltoluene	11.68	119	36	N.D.	
85)	1,3-Dichlorobenzene	11.77	111	444	N.D.	
86)	1,4-Dichlorobenzene	0.00	146	0	N.D.	
87)	n-Butylbenzene	12.23	91	38	N.D.	
88)	1,2-Dichlorobenzene	0.00	146	0	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	13.91	225	62	N.D.	
92)	Naphthalene	0.00	128	0	N.D.	
93)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

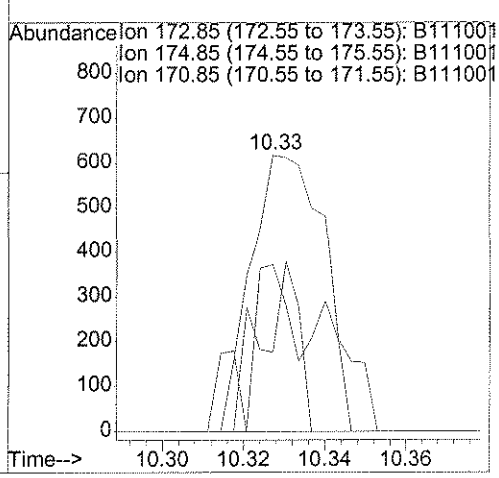
(#) = qualifier out of range (m) = manual integration



#69
Bromoform
Concen: 0.35 ug/l
RT: 10.33 min Scan# 2625
Delta R.T. -0.00 min
Lab File: B1110018.D
Acq: 10 Nov 2006 15:49

Tgt Ion:173 Resp: 823

Ion	Ratio	Lower	Upper
173	100		
175	30.1	37.7	56.5#
171	35.7	41.2	61.8#



TIC FORMS

SDG JPL22

VOLATILES ANALYSIS

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-17-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012285

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-001

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

Lab File ID: B1108014.D

Level: (LOW/MED)

Date Collected: 11/02/2006

% Moisture: not dec.

Date Analyzed: 11/08/2006

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					
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26					
27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110806\B1108014.D Vial: 17
Acq On : 8 Nov 2006 14:32 Operator: DGA
Sample : JPL22-001 MW-17-4 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1108014.D 826025ML.M Fri Dec 01 10:07:11 2006

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110806\B1108015.D Vial: 18
Acq On : 8 Nov 2006 15:02 Operator: DGA
Sample : JPL22-002 MW-17-3 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1108015.D 826025ML.M Fri Dec 01 10:09:05 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-17-3

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012285

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-002

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

Lab File ID: B1108015.D

Level: (LOW/MED)

Date Collected: 11/02/2006

% Moisture: not dec.

Date Analyzed: 11/08/2006

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					
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21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Comments:

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-5-11/1/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012285

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-003

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

Lab File ID: B1108016.D

Level: (LOW/MED)

Date Collected: 11/02/2006

% Moisture: not dec.

Date Analyzed: 11/08/2006

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					
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26					
27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110806\B1108016.D Vial: 19
Acq On : 8 Nov 2006 15:31 Operator: DGA
Sample : JPL22-003 EB-5-11/1/06 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1108016.D 826025ML.M Fri Dec 01 10:10:48 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-5-11/1/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012285

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-004

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

Lab File ID: B1108017.D

Level: (LOW/MED)

Date Collected: 11/02/2006

% Moisture: not dec.

Date Analyzed: 11/08/2006

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					
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25					
26					
27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110806\B1108017.D Vial: 20
Acq On : 8 Nov 2006 16:01 Operator: DGA
Sample : JPL22-004 TB-5-11/1/06 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1108017.D 826025ML.M Fri Dec 01 10:12:08 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-6-11/2-06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012285

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-005

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

Lab File ID: B1108019.D

Level: (LOW/MED)

Date Collected: 11/03/2006

% Moisture: not dec.

Date Analyzed: 11/08/2006

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					
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21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110806\B1108019.D Vial: 20
Acq On : 8 Nov 2006 17:00 Operator: DGA
Sample : JPL22-005 TB-6-11/2/06 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1108019.D 826025ML.M Fri Dec 01 10:13:15 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
EB-6-11/2/06

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

SDG No.: JPL22
Run Sequence: R012285

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL22-006

Sample wt/vol: 25.0 (g/mL) mL
Lab File ID: B1108020.D

Level: (LOW/MED)
Date Collected: 11/02/2006

% Moisture: not dec.
Date Analyzed: 11/08/2006

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-	1.296	2.7	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\BUDDHA\110806\B1108020.D Vial: 21
Acq On : 8 Nov 2006 17:30 Operator: DGA
Sample : JPL22-006 EB-6-11/2/06 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****

Peak Number 1 1-Propene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
1.30	2.66 ug/l	97780	Fluorobenzene	367624	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	90
2	1-Propene, 2-methyl- $$ Propene, 2-	56	C4H8	000115-11-7	72
3	1-Butene	56	C4H8	000106-98-9	52
4	1-Butene	56	C4H8	000106-98-9	50
5	1-Butene	56	C4H8	000106-98-9	50

B1108020.D 826025ML.M Fri Dec 01 11:09:46 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

DUPE-1-4Q06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012285

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-007

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

Lab File ID: B1108021.D

Level: (LOW/MED)

Date Collected: 11/03/2006

% Moisture: not dec.

Date Analyzed: 11/08/2006

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					
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16					
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26					
27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110806\B1108021.D Vial: 22
Acq On : 8 Nov 2006 18:00 Operator: DGA
Sample : JPL22-007 DUPE-1-4Q06 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1108021.D 826025ML.M Fri Dec 01 11:11:13 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-17-1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012285

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-008

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

Lab File ID: B1108022.D

Level: (LOW/MED)

Date Collected: 11/03/2006

% Moisture: not dec.

Date Analyzed: 11/08/2006

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					
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21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110806\B1108022.D Vial: 23
Acq On : 8 Nov 2006 18:30 Operator: DGA
Sample : JPL22-008 MW-17-1 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1108022.D 826025ML.M Fri Dec 01 11:16:45 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-17-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012285

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-009

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

Lab File ID: B1108023.D

Level: (LOW/MED)

Date Collected: 11/03/2006

% Moisture: not dec.

Date Analyzed: 11/08/2006

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					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110806\B1108023.D Vial: 24
Acq On : 8 Nov 2006 19:00 Operator: DGA
Sample : JPL22-009 MW-17-2 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1108023.D 826025ML.M Fri Dec 01 11:18:04 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-14-5

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012285

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-010

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

Lab File ID: B1108024.D

Level: (LOW/MED)

Date Collected: 11/06/2006

% Moisture: not dec.

Date Analyzed: 11/08/2006

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					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110806\B1108024.D Vial: 25
Acq On : 8 Nov 2006 19:29 Operator: DGA
Sample : JPL22-010 MW-14-5 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1108024.D 826025ML.M Fri Dec 01 11:19:49 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-14-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012285

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-011

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

Lab File ID: B1108025.D

Level: (LOW/MED)

Date Collected: 11/06/2006

% Moisture: not dec.

Date Analyzed: 11/08/2006

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					
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11					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110806\B1108025.D Vial: 26
Acq On : 8 Nov 2006 19:59 Operator: DGA
Sample : JPL22-011 MW-14-6 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1108025.D 826025ML.M Fri Dec 01 11:21:00 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-14-3

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012285

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-012

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

Lab File ID: B1108026.D

Level: (LOW/MED)

Date Collected: 11/06/2006

% Moisture: not dec.

Date Analyzed: 11/08/2006

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					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110806\B1108026.D Vial: 27
Acq On : 8 Nov 2006 20:29 Operator: DGA
Sample : JPL22-012 MW-14-7 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1108026.D 826025ML.M Fri Dec 01 11:25:36 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
MW-14-2

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

SDG No.: JPL22
Run Sequence: R012399

Matrix: (SOIL/WATER) Water
Lab Sample ID: JPL22-013

Sample wt/vol: 25.0 (g/mL) mL
Lab File ID: B1109010.D

Level: (LOW/MED)
Date Collected: 11/06/2006

% Moisture: not dec.
Date Analyzed: 11/09/2006

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					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110906\B1109010.D Vial: 17
Acq On : 9 Nov 2006 12:51 Operator: DGA
Sample : JPL22-013 MW-14-2 Inst : Buddha
Misc : #2 25ML +IS/SS 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

****
B1109010.D 826025ML.M Fri Dec 08 08:16:26 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-14-1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012285

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-014

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

Lab File ID: B1108027.D

Level: (LOW/MED)

Date Collected: 11/06/2006

% Moisture: not dec.

Date Analyzed: 11/08/2006

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					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110806\B1108027.D Vial: 28
Acq On : 8 Nov 2006 20:58 Operator: DGA
Sample : JPL22-014 MW-14-1 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1108027.D 826025ML.M Fri Dec 01 11:27:20 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-7-11/3/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012486

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-015

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

Lab File ID: B1110014.D

Level: (LOW/MED)

Date Collected: 11/06/2006

% Moisture: not dec.

Date Analyzed: 11/10/2006

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					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\111006\B1110014.D Vial: 20
Acq On : 10 Nov 2006 13:51 Operator: DGA
Sample : JPL22-015 EB-7-11/3/06 Inst : Buddha
Misc : #2 25ML +IS/SS (524) 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

****
B1110014.D 826025ML.M Fri Dec 08 09:16:13 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-7-11/3/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012399

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-016

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

Lab File ID: B1109014.D

Level: (LOW/MED)

Date Collected: 11/06/2006

% Moisture: not dec.

Date Analyzed: 11/09/2006

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					
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28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110906\B1109014.D Vial: 21
Acq On : 9 Nov 2006 14:49 Operator: DGA
Sample : JPL22-016TB-7-11/3/06 Inst : Buddha
Misc : #2 25ML +IS/SS 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

****
B1109014.D 826025ML.M Fri Dec 08 08:53:49 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-3-5

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012399

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-017

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

Lab File ID: B1109011.D

Level: (LOW/MED)

Date Collected: 11/06/2006

% Moisture: not dec.

Date Analyzed: 11/09/2006

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	000420-56-4	Silane, fluorotrimethyl- $$ F	1.448	1.8	JN
02					
03					
04					
05					
06					
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10					
11					
12					
13					
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21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110906\B1109011.D Vial: 18
Acq On : 9 Nov 2006 13:21 Operator: DGA
Sample : JPL22-017 MW-3-5 Inst : Buddha
Misc : #7 25ML +IS/SS 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

****
Peak Number 1 Silane, fluorotrimethyl- $$ Fl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
1.45	1.82 ug/l	68974	Fluorobenzene	378765	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, fluorotrimethyl- $$ Fluorot	92	C3H9FSi	000420-56-4	91
2	Silane, fluorotrimethyl-	92	C3H9FSi	000420-56-4	91
3	Trimethylphosphine oxide $$ (CH3)3P	92	C3H9OP	000676-96-0	59
4	Silane, fluorotrimethyl-	92	C3H9FSi	000420-56-4	37
5	Chloromethyl chloro-acetate	142	C3H4Cl2O2	000000-00-0	9

B1109011.D 826025ML.M Fri Dec 08 08:18:27 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-3-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012399

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-018

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

Lab File ID: B1109012.D

Level: (LOW/MED)

Date Collected: 11/07/2006

% Moisture: not dec.

Date Analyzed: 11/09/2006

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					
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09					
10					
11					
12					
13					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110906\B1109012.D Vial: 19
Acq On : 9 Nov 2006 13:50 Operator: DGA
Sample : JPL22-018 MW-3-4 Inst : Buddha
Misc : #2 25ML +IS/SS 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

****
B1109012.D 826025ML.M Fri Dec 08 08:19:54 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-8-11/6/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012399

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-019

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

Lab File ID: B1109013.D

Level: (LOW/MED)

Date Collected: 11/06/2006

% Moisture: not dec.

Date Analyzed: 11/09/2006

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-	1.296	1.6	JN
02					
03					
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
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23					
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26					
27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110906\B1109013.D Vial: 20
Acq On : 9 Nov 2006 14:20 Operator: DGA
Sample : JPL22-019 EB-8-11/6/06 Inst : Buddha
Misc : #2 25ML +IS/SS 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

****

Peak Number 1 1-Propene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	IS Area	R.T.
1.30	1.57 ug/l	58215	Fluorobenzene	371609	6.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 2-methyl-	56	C4H8	000115-11-7	80
2	1-Propene, 2-methyl- $$ Propene, 2-	56	C4H8	000115-11-7	64
3	1-Propene, 2-methyl-	56	C4H8	000115-11-7	46
4	1-Butene	56	C4H8	000106-98-9	43
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	43

B1109013.D 826025ML.M Fri Dec 08 08:21:35 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-8-11/6/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012285

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-020

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

Lab File ID: B1108013.D

Level: (LOW/MED)

Date Collected: 11/07/2006

% Moisture: not dec.

Date Analyzed: 11/08/2006

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					
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07					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110806\B1108013.D Vial: 16
Acq On : 8 Nov 2006 14:02 Operator: DGA
Sample : JPL22-020 Inst : Buddha
Misc : 25ML +IS/SS (524) 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

****
B1108013.D 826025ML.M Fri Dec 08 08:37:49 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-3-3

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012399

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-021

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

Lab File ID: B1109015.D

Level: (LOW/MED)

Date Collected: 11/08/2006

% Moisture: not dec.

Date Analyzed: 11/09/2006

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					
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28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110906\B1109015.D Vial: 22
Acq On : 9 Nov 2006 15:19 Operator: DGA
Sample : JPL22-021 MW-3-3 Inst : Buddha
Misc : #7 25ML +IS/SS 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

****
B1109015.D 826025ML.M Fri Dec 08 08:24:27 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-3-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012486

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-022

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

Lab File ID: B1110015.D

Level: (LOW/MED)

Date Collected: 11/08/2006

% Moisture: not dec.

Date Analyzed: 11/10/2006

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					
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10					
11					
12					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\111006\B1110015.D Vial: 21
Acq On : 10 Nov 2006 14:20 Operator: DGA
Sample : JPL22-022 MW-3-2 Inst : Buddha
Misc : #3 25ML +IS/SS (524) 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

****
B1110015.D 826025ML.M Fri Dec 08 09:17:45 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

DUPE-2-4Q06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012486

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-023

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

Lab File ID: B1110016.D

Level: (LOW/MED)

Date Collected: 11/08/2006

% Moisture: not dec.

Date Analyzed: 11/10/2006

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					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\111006\B1110016.D Vial: 22
Acq On : 10 Nov 2006 14:50 Operator: DGA
Sample : JPL22-023 DUPE-2-4Q06 Inst : Buddha
Misc : #4 25ML +IS/SS (524) 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

****
B1110016.D 826025ML.M Fri Dec 08 09:18:51 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-9-11/7/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012486

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-024

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

Lab File ID: B1110017.D

Level: (LOW/MED)

Date Collected: 11/08/2006

% Moisture: not dec.

Date Analyzed: 11/10/2006

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					
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29					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\111006\B1110017.D Vial: 23
Acq On : 10 Nov 2006 15:20 Operator: DGA
Sample : JPL22-024 EB-9-11/7/06 Inst : Buddha
Misc : #5 25ML +IS/SS (524) 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

****
B1110017.D 826025ML.M Fri Dec 08 09:20:06 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-9-11/7/06

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL22

Run Sequence: R012486

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL22-025

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

Lab File ID: B1110018.D

Level: (LOW/MED)

Date Collected: 11/08/2006

% Moisture: not dec.

Date Analyzed: 11/10/2006

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					
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Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\111006\B1110018.D Vial: 24
Acq On : 10 Nov 2006 15:49 Operator: DGA
Sample : JPL22-025 TB-9-11/7/06 Inst : Buddha
Misc : #2 25ML +IS/SS (524) 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

****
B1110018.D 826025ML.M Fri Dec 08 09:21:29 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
B110806MVOWB2

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

SDG No.: JPL22
Run Sequence: R012285

Matrix: (SOIL/WATER) Water
Lab Sample ID: B110806MVOWB2

Sample wt/vol: 25.0 (g/mL) mL
Lab File ID: B1108008.D

Level: (LOW/MED)
Date Collected:

% Moisture: not dec.
Date Analyzed: 11/08/2006

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					
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07					
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30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110806\B1108008.D Vial: 13
Acq On : 8 Nov 2006 11:52 Operator: DGA
Sample : B110806MVOWB2 Inst : Buddha
Misc : 25ML PFW+IS/SS(MV8-35-7) 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

****
B1108008.D 826025ML.M Fri Dec 08 10:00:30 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
B110906MVOWB2

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

SDG No.: JPL22
Run Sequence: R012399

Matrix: (SOIL/WATER) Water
Lab Sample ID: B110906MVOWB2

Sample wt/vol: 25.0 (g/mL) mL
Lab File ID: B1109009.D

Level: (LOW/MED)
Date Collected:

% Moisture: not dec.
Date Analyzed: 11/09/2006

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					
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29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\110906\B1109009.D Vial: 16
Acq On : 9 Nov 2006 12:18 Operator: DGA
Sample : B110906MVOWB2 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

****
B1109009.D 826025ML.M Fri Dec 08 08:14:53 2006

1 TIC

VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.
B111006MVOWB1

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

SDG No.: JPL22
Run Sequence: R012486

Matrix: (SOIL/WATER) Water
Lab Sample ID: B111006MVOWB1

Sample wt/vol: 25.0 (g/mL) mL
Lab File ID: B1110009.D

Level: (LOW/MED)
Date Collected:

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

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					
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25					
26					
27					
28					
29					
30					

Comments:

Library Search Compound Report

Data File : X:\MSVOA\BUDDHA\111006\B1110009.D Vial: 16
Acq On : 10 Nov 2006 11:14 Operator: DGA
Sample : B111006MVOWB1 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

****
B1110009.D 826025ML.M Fri Dec 08 09:14:30 2006

SAMPLE DATA

SDG# JPL22

Semivolatiles

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-4

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

SDG No.: JPL22 Run Sequence: R012833

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-001

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: Z1121006.D

Level: (LOW/MED) Date Collected: 11/01/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/07/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

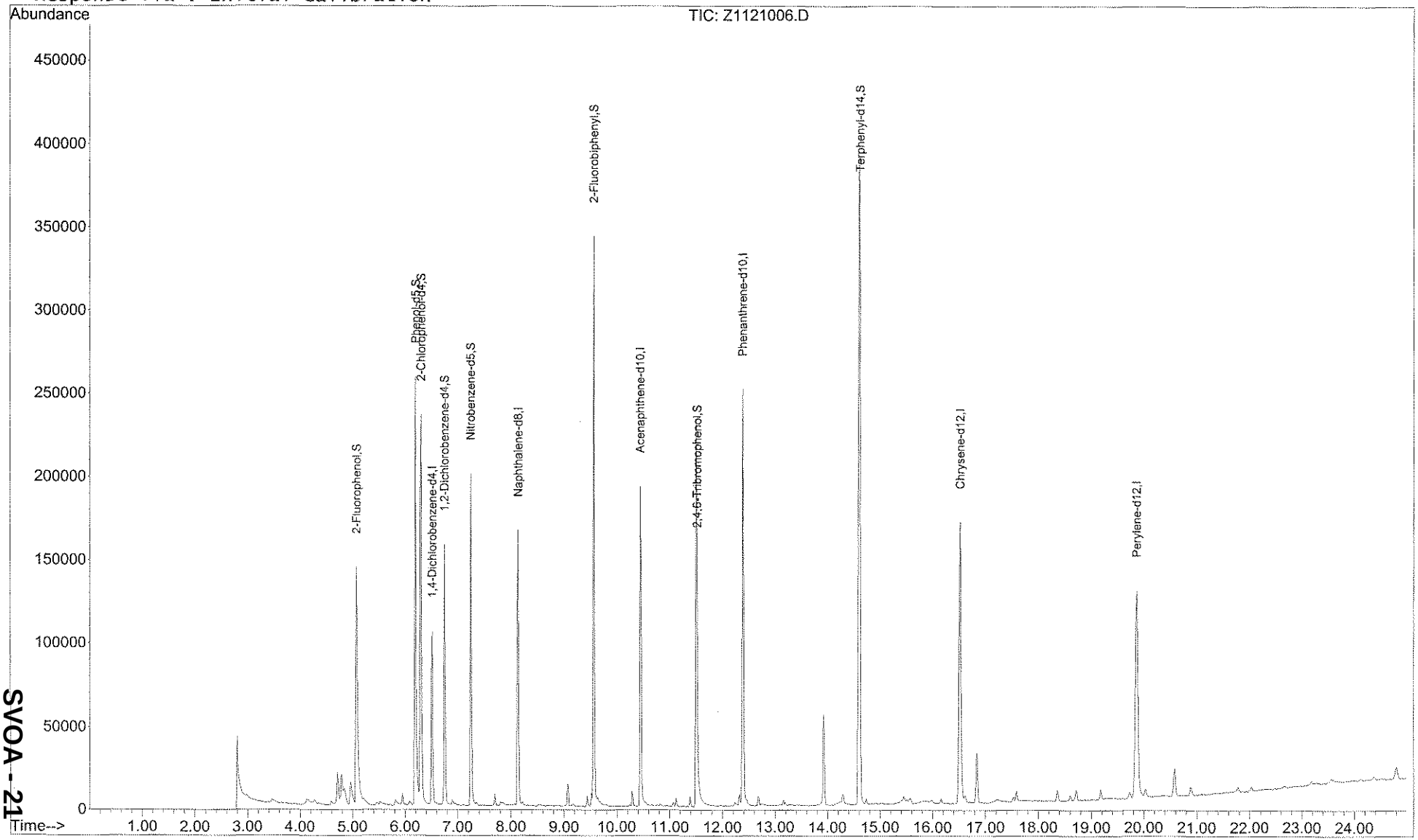
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121006.D Vial: 27
Acq On : 21 Nov 2006 09:29 Operator: LPM
Sample : JPL22-001 MW-17-4 Inst : Zooey
Misc : 5970Z 1000ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:20 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration



SVOA - 21

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121006.D Vial: 27
Acq On : 21 Nov 2006 09:29 Operator: LPM
Sample : JPL22-001 MW-17-4 Inst : Zooey
Misc : 5970Z 1000ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:20 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 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	6.52	152	30676	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.14	136	125680	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.44	164	78846	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.38	188	154609	20.00	ng/ul	-0.02 NA%
82) Chrysene-d12	16.52	240	139307	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.86	264	126308	20.00	ng/ul	-0.02 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	96131	53.14	ng/ul	-0.01
Spiked Amount 75.000	Range 20 - 110		Recovery = 70.85%			
7) Phenol-d5	6.20	99	143465	58.49	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 77.99%			
11) 2-Chlorophenol-d4	6.30	132	122844	56.84	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 75.79%			
15) 1,2-Dichlorobenzene-d4	6.74	152	37894	29.03	ng/ul	-0.01
Spiked Amount 50.000	Range 38 - 82		Recovery = 58.06%			
25) Nitrobenzene-d5	7.24	82	86037	37.39	ng/ul	-0.01
Spiked Amount 50.000	Range 40 - 110		Recovery = 74.78%			
46) 2-Fluorobiphenyl	9.56	172	162491	33.29	ng/ul	-0.02
Spiked Amount 50.000	Range 50 - 100		Recovery = 66.58%			
72) 2,4,6-Tribromophenol	11.52	330	52942	46.38	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 61.84%			
85) Terphenyl-d14	14.61	244	290463	43.80	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 135		Recovery = 87.60%			

Target Compounds				Qvalue
2) 1,4-Dioxane	3.01	88	73	N.D.
3) N-nitrosodimethylamine	3.44	74	55	N.D.
4) Pyridine	3.45	79	80	N.D.
6) Benzaldehyde	6.00	77	124	N.D.
8) Phenol	6.21	94	407	N.D.
9) Aniline	6.17	93	19	N.D.
10) Bis(2-Chloroethyl)ether	6.30	93	246	N.D.
12) 2-Chlorophenol	6.30	128	18	N.D.
13) 1,3-Dichlorobenzene	6.47	146	15	N.D.
14) 1,4-Dichlorobenzene	6.47	146	15	N.D.
16) Benzyl alcohol	6.74	108	310	N.D.
17) 1,2-Dichlorobenzene	6.76	146	21	N.D.
18) 2-Methylphenol	6.95	108	20	N.D.
19) Bis(2-chloroisopropyl)ethe	6.83	45	422	N.D.
20) 3 & 4-Methylphenol	7.11	108	51	N.D.
21) Acetophenone	7.09	105	138	N.D.
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.
23) Hexachloroethane	7.21	117	21	N.D.
26) Nitrobenzene	7.44	77	52	N.D.
27) Isophorone	7.65	82	78	N.D.
28) 2-Nitrophenol	7.70	139	32	N.D.

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121006.D Vial: 27
Acq On : 21 Nov 2006 09:29 Operator: LPM
Sample : JPL22-001 MW-17-4 Inst : Zooey
Misc : 5970Z 1000ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:20 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.80	107	15	N.D.	
30)	bis(2-Chloroethoxy)methane	7.90	93	55	N.D.	
31)	Benzoic acid	8.05	105	346	Below Cal #	85
32)	2,4-Dichlorophenol	8.06	162	15	N.D.	
33)	1,2,4-Trichlorobenzene	8.14	180	13	N.D.	
34)	Naphthalene	8.21	128	20	N.D.	
35)	4-Chloroaniline	8.30	127	21	N.D.	
36)	Hexachlorobutadiene	0.00	225	0	N.D.	
37)	Caprolactam	8.79	113	43	N.D.	
38)	4-Chloro-3-methylphenol	8.97	107	39	N.D.	
39)	2-Methylnaphthalene	9.05	142	38	N.D.	
41)	1-Methylnaphthalene	9.29	142	31	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	9.44	196	16	N.D.	
45)	2,4,5-Trichlorophenol	9.56	196	15	N.D.	
47)	1,1'-Biphenyl	9.68	154	576	N.D.	
48)	2-Chloronaphthalene	9.64	162	15	N.D.	
49)	2-Nitroaniline	9.87	65	24	N.D.	
50)	Dimethylphthalate	10.15	163	69	N.D.	
51)	1,4-Dinitrobenzene	10.19	168	15	N.D.	
52)	1,3-Dinitrobenzene	10.19	168	15	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.26	152	15	N.D.	
55)	1,2-Dinitrobenzene	10.44	168	11	N.D.	
56)	3-Nitroaniline	10.43	138	36	N.D.	
57)	Acenaphthene	10.46	153	39	N.D.	
58)	2,4-Dinitrophenol	10.62	184	14	3.83 ng/ul#	1
59)	4-Nitrophenol	10.69	109	71	1.65 ng/uL#	1
60)	Dibenzofuran	10.72	168	40	N.D.	
61)	2,4-Dinitrotoluene	10.76	165	22	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.85	232	14	N.D.	
63)	2,3,4,6-tetrachlorophenol	10.97	232	11	N.D.	
64)	Diethylphthalate	11.06	149	993	N.D.	
65)	Fluorene	11.11	166	12	N.D.	
66)	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
67)	4-Nitroaniline	11.35	138	15	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.35	198	18	N.D.	
70)	N-nitrosodiphenylamine	11.50	169	1608	N.D.	
71)	1,2-Diphenylhydrazine	11.34	77	73	N.D.	
73)	4-Bromophenyl-phenylether	11.79	248	10	N.D.	
74)	Hexachlorobenzene	11.93	284	15	N.D.	
75)	Atrazine	11.99	200	12	N.D.	
76)	Pentachlorophenol	12.20	266	13	N.D.	
77)	Phenanthrene	12.28	178	13	N.D.	
78)	Anthracene	12.28	178	13	N.D.	
79)	Carbazole	12.69	167	192	N.D.	
80)	Di-n-butylphthalate	13.19	149	1390	N.D.	
81)	Fluoranthene	14.05	202	80	N.D.	
83)	Benzidine	14.34	184	15	3.97 ng/ul	67
84)	Pyrene	14.48	202	33	N.D.	
86)	Butylbenzylphthalate	15.45	149	262	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.55	129	742	N.D.	
88)	3,3'-Dichlorobenzidine	16.45	252	13	N.D.	
89)	Benzo[a]anthracene	16.52	228	628	N.D.	

(#) = qualifier out of range (m) = manual integration
Z1121006.D Z8270M.M Wed Nov 22 07:20:45 2006

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121006.D Vial: 27
Acq On : 21 Nov 2006 09:29 Operator: LPM
Sample : JPL22-001 MW-17-4 Inst : Zooey
Misc : 5970Z 1000ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:20 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.62	149	1684	N.D.	
91)	Chrysene	16.52	228	628	N.D.	
93)	Di-n-octylphthalate	18.00	149	379	N.D.	
94)	Benzo[b]fluoranthene	19.01	252	246	N.D.	
95)	Benzo[k]fluoranthene	19.01	252	246	N.D.	
96)	Benzo[a]pyrene	19.73	252	100	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.59	276	140	N.D.	
98)	Dibenz[a,h]anthracene	22.58	278	107	N.D.	
99)	Benzo[g,h,i]perylene	23.16	276	111	N.D.	

(#) = qualifier out of range (m) = manual integration
Z1121006.D Z8270M.M Wed Nov 22 07:20:45 2006

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-3

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

SDG No.: JPL22 Run Sequence: R012833

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-002

Sample wt/vol: 990.0 (g/mL) mL Lab File ID: Z1121007.D

Level: (LOW/MED) Date Collected: 11/01/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/07/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

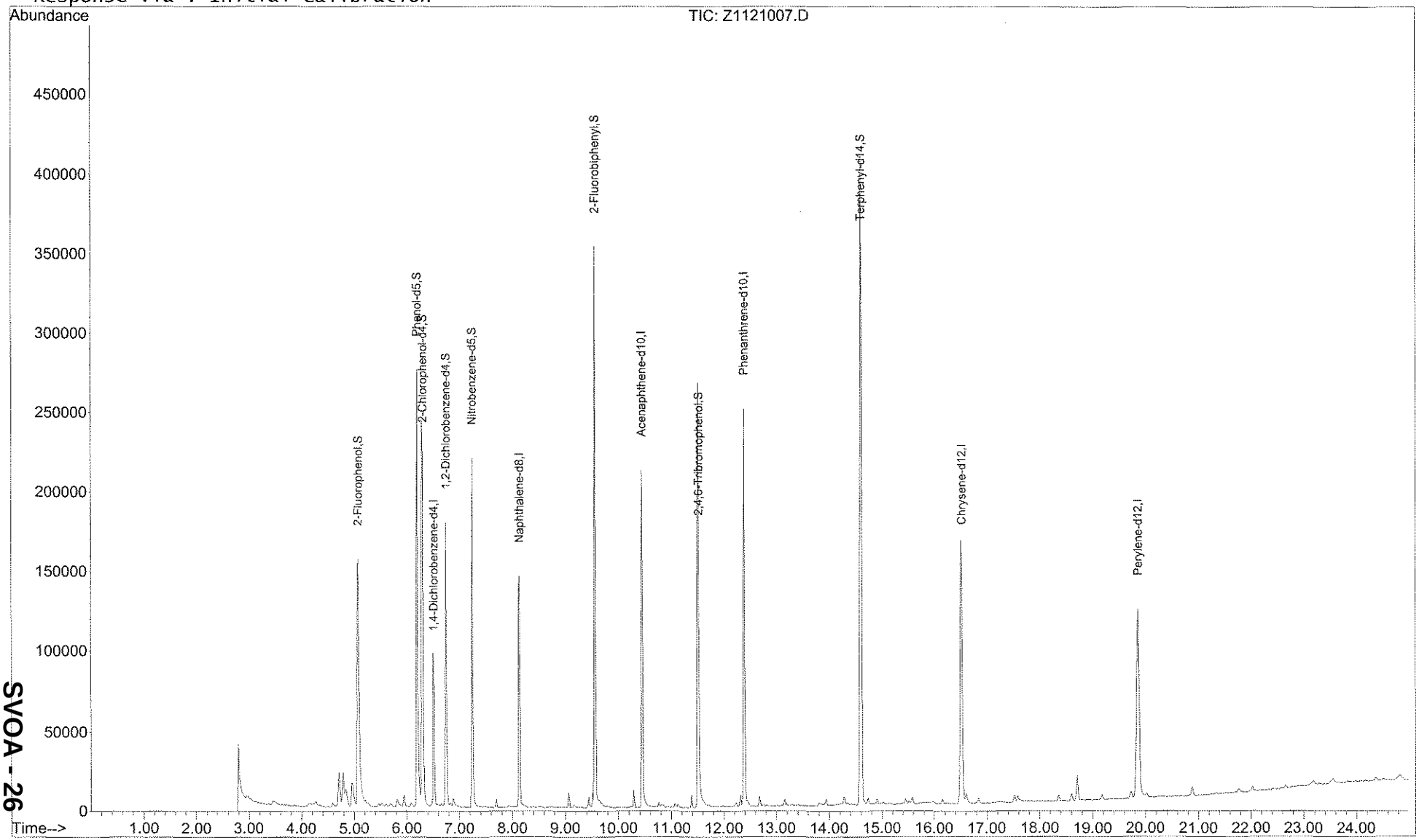
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121007.D Vial: 28
Acq On : 21 Nov 2006 10:05 Operator: LPM
Sample : JPL22-002 MW-17-3 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:21 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration



SVOA - 26

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121007.D Vial: 28
Acq On : 21 Nov 2006 10:05 Operator: LPM
Sample : JPL22-002 MW-17-3 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 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	6.52	152	30358	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.14	136	126150	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.44	164	76761	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.38	188	150016	20.00	ng/ul	-0.02 NA%
82) Chrysene-d12	16.52	240	136032	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.86	264	121758	20.00	ng/ul	-0.02 NA%

System Monitoring Compounds							
5) 2-Fluorophenol		5.07	112	110039	61.46	ng/ul	-0.01
Spiked Amount	75.000	Range 20 - 110		Recovery = 81.95%			
7) Phenol-d5		6.20	99	159098	65.54	ng/ul	0.00
Spiked Amount	75.000	Range 10 - 115		Recovery = 87.39%			
11) 2-Chlorophenol-d4		6.30	132	132261	61.84	ng/ul	0.00
Spiked Amount	75.000	Range 48 - 117		Recovery = 82.45%			
15) 1,2-Dichlorobenzene-d4		6.74	152	39680	30.71	ng/ul	-0.01
Spiked Amount	50.000	Range 38 - 82		Recovery = 61.42%			
25) Nitrobenzene-d5		7.24	82	91619	39.67	ng/ul	-0.01
Spiked Amount	50.000	Range 40 - 110		Recovery = 79.34%			
46) 2-Fluorobiphenyl		9.56	172	166912	35.13	ng/ul	-0.02
Spiked Amount	50.000	Range 50 - 100		Recovery = 70.26%			
72) 2,4,6-Tribromophenol		11.52	330	59291	53.53	ng/ul	0.00
Spiked Amount	75.000	Range 40 - 125		Recovery = 71.37%			
85) Terphenyl-d14		14.60	244	284475	43.93	ng/ul	-0.02
Spiked Amount	50.000	Range 50 - 135		Recovery = 87.86%			

Target Compounds				Qvalue
2) 1,4-Dioxane	3.04	88	509	N.D.
3) N-nitrosodimethylamine	3.47	74	18	N.D.
4) Pyridine	3.50	79	21	N.D.
6) Benzaldehyde	6.04	77	256	N.D.
8) Phenol	6.21	94	460	N.D.
9) Aniline	6.15	93	25	N.D.
10) Bis(2-Chloroethyl)ether	6.24	93	141	N.D.
12) 2-Chlorophenol	6.30	128	64	N.D.
13) 1,3-Dichlorobenzene	6.47	146	168	N.D.
14) 1,4-Dichlorobenzene	6.47	146	168	N.D.
16) Benzyl alcohol	6.74	108	352	N.D.
17) 1,2-Dichlorobenzene	6.76	146	171	N.D.
18) 2-Methylphenol	6.94	108	13	N.D.
19) Bis(2-chloroisopropyl)ethe	6.94	45	174	N.D.
20) 3 & 4-Methylphenol	7.11	108	37	N.D.
21) Acetophenone	7.08	105	146	N.D.
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.
23) Hexachloroethane	7.17	117	19	N.D.
26) Nitrobenzene	7.24	77	425	N.D.
27) Isophorone	7.70	82	27	N.D.
28) 2-Nitrophenol	0.00	139	0	N.D.

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121007.D Vial: 28
Acq On : 21 Nov 2006 10:05 Operator: LPM
Sample : JPL22-002 MW-17-3 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.77	107	21	N.D.	
30)	bis(2-Chloroethoxy)methane	7.88	93	57	N.D.	
31)	Benzoic acid	7.99	105	435	Below Cal #	80
32)	2,4-Dichlorophenol	8.15	162	14	N.D.	
33)	1,2,4-Trichlorobenzene	8.09	180	63	N.D.	
34)	Naphthalene	8.15	128	116	N.D.	
35)	4-Chloroaniline	8.24	127	15	N.D.	
36)	Hexachlorobutadiene	0.00	225	0	N.D.	
37)	Caprolactam	8.76	113	73	N.D.	
38)	4-Chloro-3-methylphenol	9.00	107	44	N.D.	
39)	2-Methylnaphthalene	9.06	142	31	N.D.	
41)	1-Methylnaphthalene	0.00	142	0	N.D.	
42)	Hexachlorocyclopentadiene	9.34	237	36	1.04 ng/ul#	30
43)	1,2,4,5-Tetrachlorobenzene	9.21	216	11	N.D.	
44)	2,4,6-Trichlorophenol	0.00	196	0	N.D.	
45)	2,4,5-Trichlorophenol	9.68	196	13	N.D.	
47)	1,1'-Biphenyl	9.68	154	540	N.D.	
48)	2-Chloronaphthalene	9.71	162	24	N.D.	
49)	2-Nitroaniline	9.88	65	68	N.D.	
50)	Dimethylphthalate	10.15	163	45	N.D.	
51)	1,4-Dinitrobenzene	10.09	168	17	N.D.	
52)	1,3-Dinitrobenzene	10.25	168	12	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.28	152	41	N.D.	
55)	1,2-Dinitrobenzene	10.35	168	33	N.D.	
56)	3-Nitroaniline	10.49	138	15	N.D.	
57)	Acenaphthene	10.52	153	15	N.D.	
58)	2,4-Dinitrophenol	10.70	184	13	3.83 ng/ul#	10
59)	4-Nitrophenol	10.79	109	56	1.63 ng/uL#	1
60)	Dibenzofuran	10.72	168	29	N.D.	
61)	2,4-Dinitrotoluene	10.82	165	62	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.94	232	25	N.D.	
63)	2,3,4,6-tetrachlorophenol	10.94	232	25	N.D.	
64)	Diethylphthalate	11.06	149	956	N.D.	
65)	Fluorene	11.16	166	14	N.D.	
66)	4-Chlorophenyl-phenylether	11.17	204	19	N.D.	
67)	4-Nitroaniline	11.26	138	12	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.29	198	14	N.D.	
70)	N-nitrosodiphenylamine	11.50	169	1912	N.D.	
71)	1,2-Diphenylhydrazine	11.43	77	205	N.D.	
73)	4-Bromophenyl-phenylether	11.73	248	16	N.D.	
74)	Hexachlorobenzene	0.00	284	0	N.D.	
75)	Atrazine	12.06	200	15	N.D.	
76)	Pentachlorophenol	12.11	266	10	N.D.	
77)	Phenanthrene	12.25	178	19	N.D.	
78)	Anthracene	12.41	178	219	N.D.	
79)	Carbazole	12.67	167	144	N.D.	
80)	Di-n-butylphthalate	13.19	149	1462	N.D.	
81)	Fluoranthene	14.05	202	56	N.D.	
83)	Benzidine	0.00	184	0	N.D.	
84)	Pyrene	14.39	202	82	N.D.	
86)	Butylbenzylphthalate	15.45	149	228	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.55	129	389	N.D.	
88)	3,3'-Dichlorobenzidine	16.46	252	23	N.D.	
89)	Benzo[a]anthracene	16.51	228	510	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121007.D Vial: 28
Acq On : 21 Nov 2006 10:05 Operator: LPM
Sample : JPL22-002 MW-17-3 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
90) bis(2-Ethylhexyl)phthalate	16.62	149	2860	N.D.		
91) Chrysene	16.51	228	510	N.D.		
93) Di-n-octylphthalate	18.00	149	674	N.D.		
94) Benzo[b]fluoranthene	18.97	252	72	N.D.		
95) Benzo[k]fluoranthene	19.01	252	66	N.D.		
96) Benzo[a]pyrene	19.73	252	84	N.D.		
97) Indeno[1,2,3-cd]pyrene	22.53	276	33	N.D.		
98) Dibenz[a,h]anthracene	22.58	278	36	N.D.		
99) Benzo[g,h,i]perylene	23.19	276	55	N.D.		

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-5-11/1/06

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

SDG No.: JPL22 Run Sequence: R012833

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-003

Sample wt/vol: 1010.0 (g/mL) mL Lab File ID: Z1121008.D

Level: (LOW/MED) Date Collected: 11/01/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/07/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

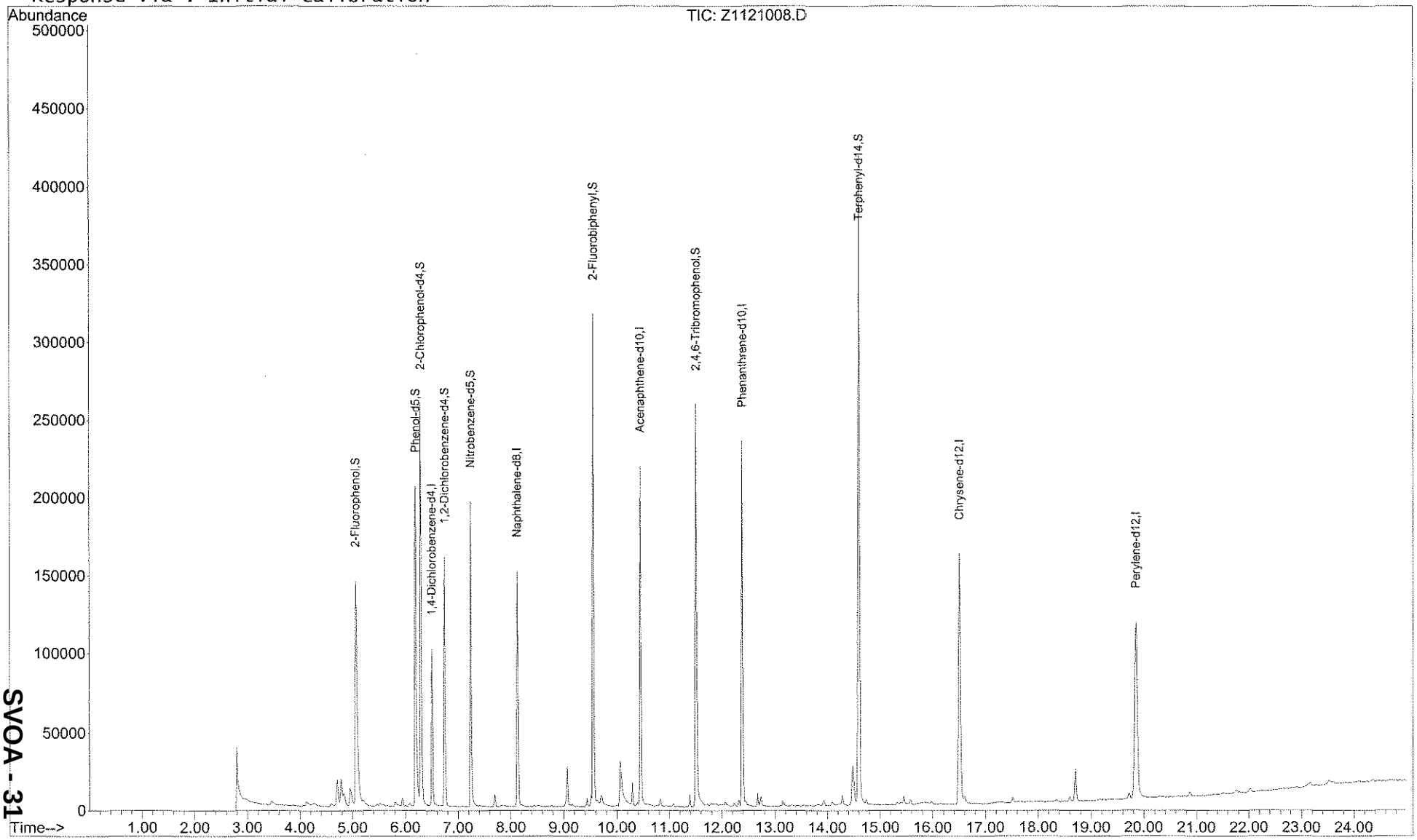
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121008.D Vial: 29
Acq On : 21 Nov 2006 10:41 Operator: LPM
Sample : JPL22-003 EB-5-11/1/06 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:21 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration



SVOA - 31

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121008.D Vial: 29
Acq On : 21 Nov 2006 10:41 Operator: LPM
Sample : JPL22-003 EB-5-11/1/06 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 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	26497	20.00	ng/ul	-0.01 NA%
24) Naphthalene-d8	8.12	136	111768	20.00	ng/ul	-0.02 NA%
40) Acenaphthene-d10	10.44	164	70592	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.38	188	141361	20.00	ng/ul	-0.02 NA%
82) Chrysene-d12	16.51	240	127974	20.00	ng/ul	-0.03 NA%
92) Perylene-d12	19.85	264	118080	20.00	ng/ul	-0.03 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	97579	62.44	ng/ul	-0.03
Spiked Amount 75.000	Range 20 - 110		Recovery = 83.25%			
7) Phenol-d5	6.20	99	142237	67.13	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 89.51%			
11) 2-Chlorophenol-d4	6.29	132	119137	63.82	ng/ul	-0.01
Spiked Amount 75.000	Range 48 - 117		Recovery = 85.09%			
15) 1,2-Dichlorobenzene-d4	6.74	152	35208	31.22	ng/ul	-0.01
Spiked Amount 50.000	Range 38 - 82		Recovery = 62.44%			
25) Nitrobenzene-d5	7.24	82	85489	41.78	ng/ul	-0.01
Spiked Amount 50.000	Range 40 - 110		Recovery = 83.56%			
46) 2-Fluorobiphenyl	9.56	172	157706	36.09	ng/ul	-0.02
Spiked Amount 50.000	Range 50 - 100		Recovery = 72.18%			
72) 2,4,6-Tribromophenol	11.50	330	52060	49.88	ng/ul	-0.02
Spiked Amount 75.000	Range 40 - 125		Recovery = 66.51%			
85) Terphenyl-d14	14.60	244	268474	44.07	ng/ul	-0.02
Spiked Amount 50.000	Range 50 - 135		Recovery = 88.14%			

Target Compounds				Qvalue
2) 1,4-Dioxane	3.09	88	130	N.D.
3) N-nitrosodimethylamine	3.44	74	71	N.D.
4) Pyridine	3.45	79	79	N.D.
6) Benzaldehyde	5.94	77	47	N.D.
8) Phenol	6.21	94	465	N.D.
9) Aniline	6.21	93	57	N.D.
10) Bis(2-Chloroethyl)ether	6.21	93	57	N.D.
12) 2-Chlorophenol	6.30	128	17	N.D.
13) 1,3-Dichlorobenzene	6.52	146	69	N.D.
14) 1,4-Dichlorobenzene	6.52	146	69	N.D.
16) Benzyl alcohol	6.74	108	276	N.D.
17) 1,2-Dichlorobenzene	6.82	146	12	N.D.
18) 2-Methylphenol	6.92	108	15	N.D.
19) Bis(2-chloroisopropyl)ethe	6.95	45	91	N.D.
20) 3 & 4-Methylphenol	6.92	108	15	N.D.
21) Acetophenone	7.08	105	392	N.D.
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.
23) Hexachloroethane	7.14	117	12	N.D.
26) Nitrobenzene	7.24	77	536	N.D.
27) Isophorone	0.00	82	0	N.D.
28) 2-Nitrophenol	7.68	139	68	N.D.

(#) = qualifier out of range (m) = manual integration
Z1121008.D Z8270M.M Wed Nov 22 07:21:17 2006

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121008.D Vial: 29
Acq On : 21 Nov 2006 10:41 Operator: LPM
Sample : JPL22-003 EB-5-11/1/06 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.74	107	19	N.D.	
30)	bis(2-Chloroethoxy)methane	7.83	93	14	N.D.	
31)	Benzoic acid	7.99	105	141	Below Cal #	83
32)	2,4-Dichlorophenol	8.00	162	21	N.D.	
33)	1,2,4-Trichlorobenzene	8.23	180	14	N.D.	
34)	Naphthalene	8.15	128	334	N.D.	
35)	4-Chloroaniline	8.27	127	33	N.D.	
36)	Hexachlorobutadiene	8.30	225	15	N.D.	
37)	Caprolactam	8.77	113	54	N.D.	
38)	4-Chloro-3-methylphenol	8.91	107	30	N.D.	
39)	2-Methylnaphthalene	9.08	142	88	N.D.	
41)	1-Methylnaphthalene	9.20	142	69	N.D.	
42)	Hexachlorocyclopentadiene	9.32	237	11	1.02 ng/ul#	1
43)	1,2,4,5-Tetrachlorobenzene	9.18	216	15	N.D.	
44)	2,4,6-Trichlorophenol	9.50	196	11	N.D.	
45)	2,4,5-Trichlorophenol	9.50	196	11	N.D.	
47)	1,1'-Biphenyl	9.68	154	579	N.D.	
48)	2-Chloronaphthalene	9.81	162	14	N.D.	
49)	2-Nitroaniline	10.06	65	4929	2.90 ng/ul#	1
50)	Dimethylphthalate	10.15	163	51	N.D.	
51)	1,4-Dinitrobenzene	10.05	168	15	N.D.	
52)	1,3-Dinitrobenzene	10.28	168	12	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.28	152	15	N.D.	
55)	1,2-Dinitrobenzene	10.35	168	20	N.D.	
56)	3-Nitroaniline	10.40	138	11	N.D.	
57)	Acenaphthene	10.49	153	57	N.D.	
58)	2,4-Dinitrophenol	10.66	184	11	3.83 ng/ul#	35
59)	4-Nitrophenol	10.75	109	44	1.61 ng/uL#	7
60)	Dibenzofuran	10.70	168	87	N.D.	
61)	2,4-Dinitrotoluene	10.73	165	32	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	11.06	149	748	N.D.	
65)	Fluorene	11.16	166	74	N.D.	
66)	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
67)	4-Nitroaniline	11.29	138	14	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.34	198	12	N.D.	
70)	N-nitrosodiphenylamine	11.50	169	1750	N.D.	
71)	1,2-Diphenylhydrazine	11.37	77	497	N.D.	
73)	4-Bromophenyl-phenylether	11.79	248	15	N.D.	
74)	Hexachlorobenzene	12.08	284	14	N.D.	
75)	Atrazine	12.07	200	15	N.D.	
76)	Pentachlorophenol	12.31	266	34	N.D.	
77)	Phenanthrene	12.29	178	14	N.D.	
78)	Anthracene	12.29	178	14	N.D.	
79)	Carbazole	12.67	167	165	N.D.	
80)	Di-n-butylphthalate	13.19	149	1347	N.D.	
81)	Fluoranthene	14.14	202	11	N.D.	
83)	Benzidine	14.16	184	14	3.97 ng/ul	67
84)	Pyrene	14.37	202	46	N.D.	
86)	Butylbenzylphthalate	15.45	149	335	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.55	129	348	N.D.	
88)	3,3'-Dichlorobenzidine	16.25	252	13	N.D.	
89)	Benzo[a]anthracene	16.51	228	479	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121008.D Vial: 29
Acq On : 21 Nov 2006 10:41 Operator: LPM
Sample : JPL22-003 EB-5-11/1/06 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.62	149	2333	N.D.	
91)	Chrysene	16.51	228	479	N.D.	
93)	Di-n-octylphthalate	18.00	149	440	N.D.	
94)	Benzo[b]fluoranthene	18.92	252	12	N.D.	
95)	Benzo[k]fluoranthene	18.98	252	35	N.D.	
96)	Benzo[a]pyrene	19.73	252	36	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.55	276	36	N.D.	
98)	Dibenz[a,h]anthracene	22.58	278	13	N.D.	
99)	Benzo[g,h,i]perylene	23.17	276	13	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-6-11/2/06

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

SDG No.: JPL22 Run Sequence: R012833

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-006

Sample wt/vol: 990.0 (g/mL) mL Lab File ID: Z1121009.D

Level: (LOW/MED) Date Collected: 11/02/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/07/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

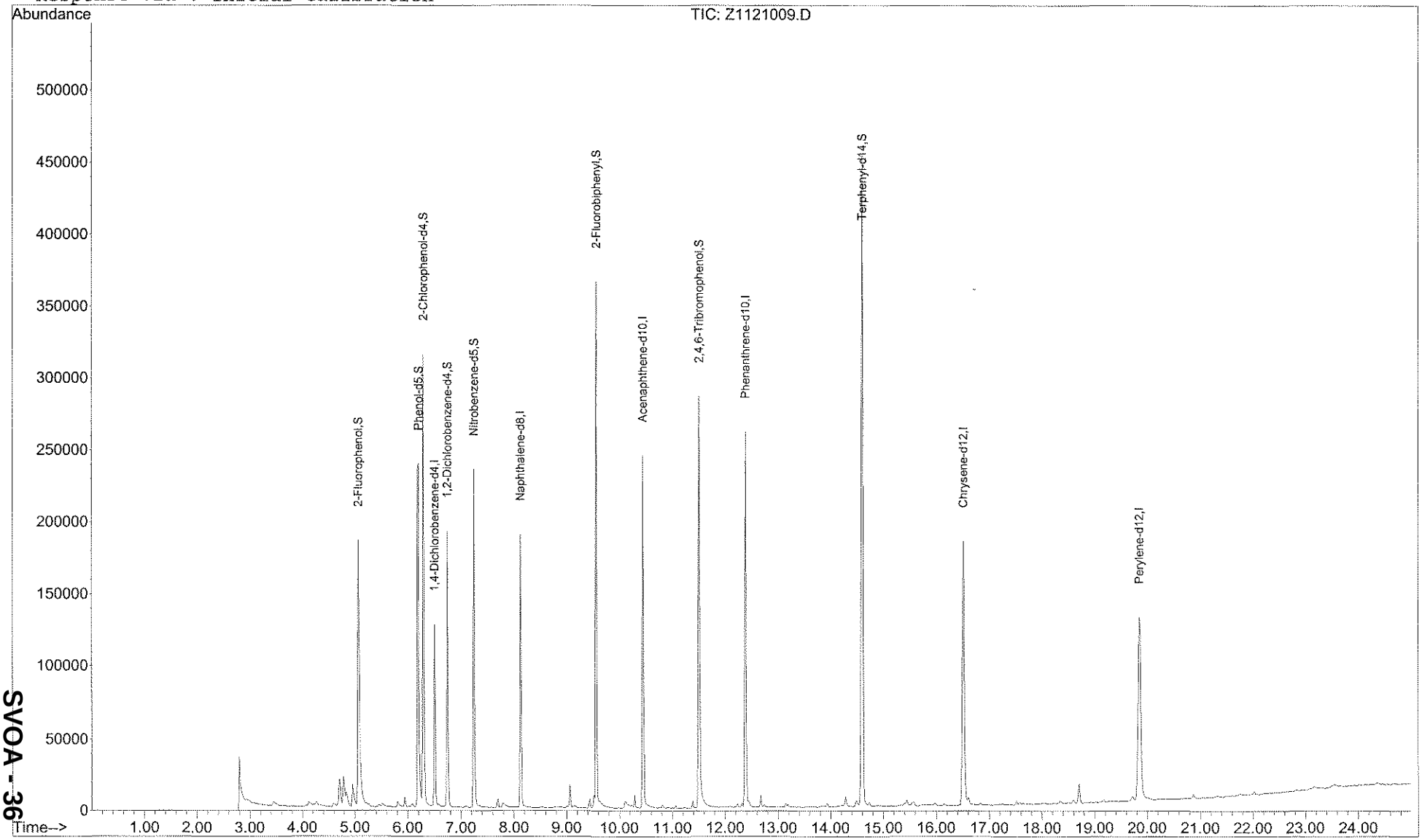
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121009.D Vial: 30
Acq On : 21 Nov 2006 11:17 Operator: LPM
Sample : JPL22-006 EB-6-11/2/06 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:21 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration



SVOA - 36

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121009.D Vial: 30
Acq On : 21 Nov 2006 11:17 Operator: LPM
Sample : JPL22-006 EB-6-11/2/06 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 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	31767	20.00	ng/ul	-0.02 NA%
24) Naphthalene-d8	8.12	136	129517	20.00	ng/ul	-0.02 NA%
40) Acenaphthene-d10	10.44	164	82372	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.38	188	160149	20.00	ng/ul	-0.02 NA%
82) Chrysene-d12	16.51	240	145985	20.00	ng/ul	-0.03 NA%
92) Perylene-d12	19.85	264	134186	20.00	ng/ul	-0.03 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	113753	60.72	ng/ul	-0.03
Spiked Amount 75.000	Range 20 - 110		Recovery = 80.96%			
7) Phenol-d5	6.20	99	163840	64.50	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 86.00%			
11) 2-Chlorophenol-d4	6.29	132	139677	62.41	ng/ul	-0.02
Spiked Amount 75.000	Range 48 - 117		Recovery = 83.21%			
15) 1,2-Dichlorobenzene-d4	6.74	152	41966	31.04	ng/ul	-0.02
Spiked Amount 50.000	Range 38 - 82		Recovery = 62.08%			
25) Nitrobenzene-d5	7.24	82	100621	42.44	ng/ul	-0.02
Spiked Amount 50.000	Range 40 - 110		Recovery = 84.88%			
46) 2-Fluorobiphenyl	9.56	172	183446	35.98	ng/ul	-0.02
Spiked Amount 50.000	Range 50 - 100		Recovery = 71.96%			
72) 2,4,6-Tribromophenol	11.50	330	59043	49.94	ng/ul	-0.02
Spiked Amount 75.000	Range 40 - 125		Recovery = 66.59%			
85) Terphenyl-d14	14.60	244	306495	44.10	ng/ul	-0.02
Spiked Amount 50.000	Range 50 - 135		Recovery = 88.20%			

Target Compounds				Qvalue
2) 1,4-Dioxane	2.97	88	170	N.D.
3) N-nitrosodimethylamine	3.47	74	33	N.D.
4) Pyridine	3.47	79	72	N.D.
6) Benzaldehyde	5.95	77	72	N.D.
8) Phenol	6.20	94	303	N.D.
9) Aniline	6.20	93	27	N.D.
10) Bis(2-Chloroethyl)ether	6.29	93	188	N.D.
12) 2-Chlorophenol	6.30	128	20	N.D.
13) 1,3-Dichlorobenzene	6.50	146	12	N.D.
14) 1,4-Dichlorobenzene	6.50	146	12	N.D.
16) Benzyl alcohol	6.74	108	329	N.D.
17) 1,2-Dichlorobenzene	6.74	146	35	N.D.
18) 2-Methylphenol	6.92	108	22	N.D.
19) Bis(2-chloroisopropyl)ethe	6.97	45	176	N.D.
20) 3 & 4-Methylphenol	7.18	108	18	N.D.
21) Acetophenone	7.08	105	243	N.D.
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.
23) Hexachloroethane	7.20	117	12	N.D.
26) Nitrobenzene	7.24	77	471	N.D.
27) Isophorone	0.00	82	0	N.D.
28) 2-Nitrophenol	7.64	139	16	N.D.

(#) = qualifier out of range (m) = manual integration
Z1121009.D Z8270M.M Wed Nov 22 07:21:32 2006

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121009.D Vial: 30
Acq On : 21 Nov 2006 11:17 Operator: LPM
Sample : JPL22-006 EB-6-11/2/06 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.82	107	43	N.D.	
30)	bis(2-Chloroethoxy)methane	7.86	93	19	N.D.	
31)	Benzoic acid	8.02	105	373	Below Cal	93
32)	2,4-Dichlorophenol	0.00	162	0	N.D.	
33)	1,2,4-Trichlorobenzene	8.09	180	13	N.D.	
34)	Naphthalene	8.15	128	117	N.D.	
35)	4-Chloroaniline	8.26	127	19	N.D.	
36)	Hexachlorobutadiene	8.32	225	13	N.D.	
37)	Caprolactam	8.79	113	52	N.D.	
38)	4-Chloro-3-methylphenol	8.97	107	55	N.D.	
39)	2-Methylnaphthalene	9.06	142	79	N.D.	
41)	1-Methylnaphthalene	9.20	142	15	N.D.	
42)	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
43)	1,2,4,5-Tetrachlorobenzene	9.35	216	25	N.D.	
44)	2,4,6-Trichlorophenol	9.44	196	15	N.D.	
45)	2,4,5-Trichlorophenol	9.61	196	11	N.D.	
47)	1,1'-Biphenyl	9.67	154	665	N.D.	
48)	2-Chloronaphthalene	9.70	162	16	N.D.	
49)	2-Nitroaniline	9.85	65	60	N.D.	
50)	Dimethylphthalate	10.12	163	16	N.D.	
51)	1,4-Dinitrobenzene	10.12	168	32	N.D.	
52)	1,3-Dinitrobenzene	10.12	168	32	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.25	152	29	N.D.	
55)	1,2-Dinitrobenzene	10.34	168	15	N.D.	
56)	3-Nitroaniline	10.53	138	43	N.D.	
57)	Acenaphthene	10.55	153	31	N.D.	
58)	2,4-Dinitrophenol	10.47	184	10	3.83 ng/ul#	1
59)	4-Nitrophenol	10.76	109	14	1.57 ng/uL#	14
60)	Dibenzofuran	10.70	168	82	N.D.	
61)	2,4-Dinitrotoluene	10.72	165	19	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.78	232	10	N.D.	
63)	2,3,4,6-tetrachlorophenol	11.06	232	12	N.D.	
64)	Diethylphthalate	11.06	149	877	N.D.	
65)	Fluorene	11.16	166	37	N.D.	
66)	4-Chlorophenyl-phenylether	11.12	204	18	N.D.	
67)	4-Nitroaniline	11.29	138	10	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.12	198	15	N.D.	
70)	N-nitrosodiphenylamine	11.50	169	1850	N.D.	
71)	1,2-Diphenylhydrazine	11.40	77	230	N.D.	
73)	4-Bromophenyl-phenylether	11.82	248	13	N.D.	
74)	Hexachlorobenzene	0.00	284	0	N.D.	
75)	Atrazine	12.08	200	13	N.D.	
76)	Pentachlorophenol	12.32	266	15	N.D.	
77)	Phenanthrene	12.47	178	62	N.D.	
78)	Anthracene	12.47	178	62	N.D.	
79)	Carbazole	12.67	167	197	N.D.	
80)	Di-n-butylphthalate	13.19	149	1485	N.D.	
81)	Fluoranthene	14.05	202	98	N.D.	
83)	Benzidine	14.11	184	13	3.97 ng/ul	67
84)	Pyrene	14.37	202	70	N.D.	
86)	Butylbenzylphthalate	15.45	149	345	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.55	129	585	N.D.	
88)	3,3'-Dichlorobenzidine	16.55	252	17	N.D.	
89)	Benzo[a]anthracene	16.51	228	572	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121009.D Vial: 30
Acq On : 21 Nov 2006 11:17 Operator: LPM
Sample : JPL22-006 EB-6-11/2/06 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.62	149	2254	N.D.	
91)	Chrysene	16.51	228	572	N.D.	
93)	Di-n-octylphthalate	18.01	149	495	N.D.	
94)	Benzo[b]fluoranthene	19.00	252	188	N.D.	
95)	Benzo[k]fluoranthene	19.00	252	188	N.D.	
96)	Benzo[a]pyrene	19.71	252	109	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.55	276	58	N.D.	
98)	Dibenz[a,h]anthracene	22.58	278	21	N.D.	
99)	Benzo[g,h,i]perylene	23.16	276	90	N.D.	

(#) = qualifier out of range (m) = manual integration
Z1121009.D Z8270M.M Wed Nov 22 07:21:33 2006

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-1-4Q06

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

SDG No.: JPL22 Run Sequence: R012833

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-007

Sample wt/vol: 1020.0 (g/mL) mL Lab File ID: Z1121010.D

Level: (LOW/MED) Date Collected: 11/02/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/07/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

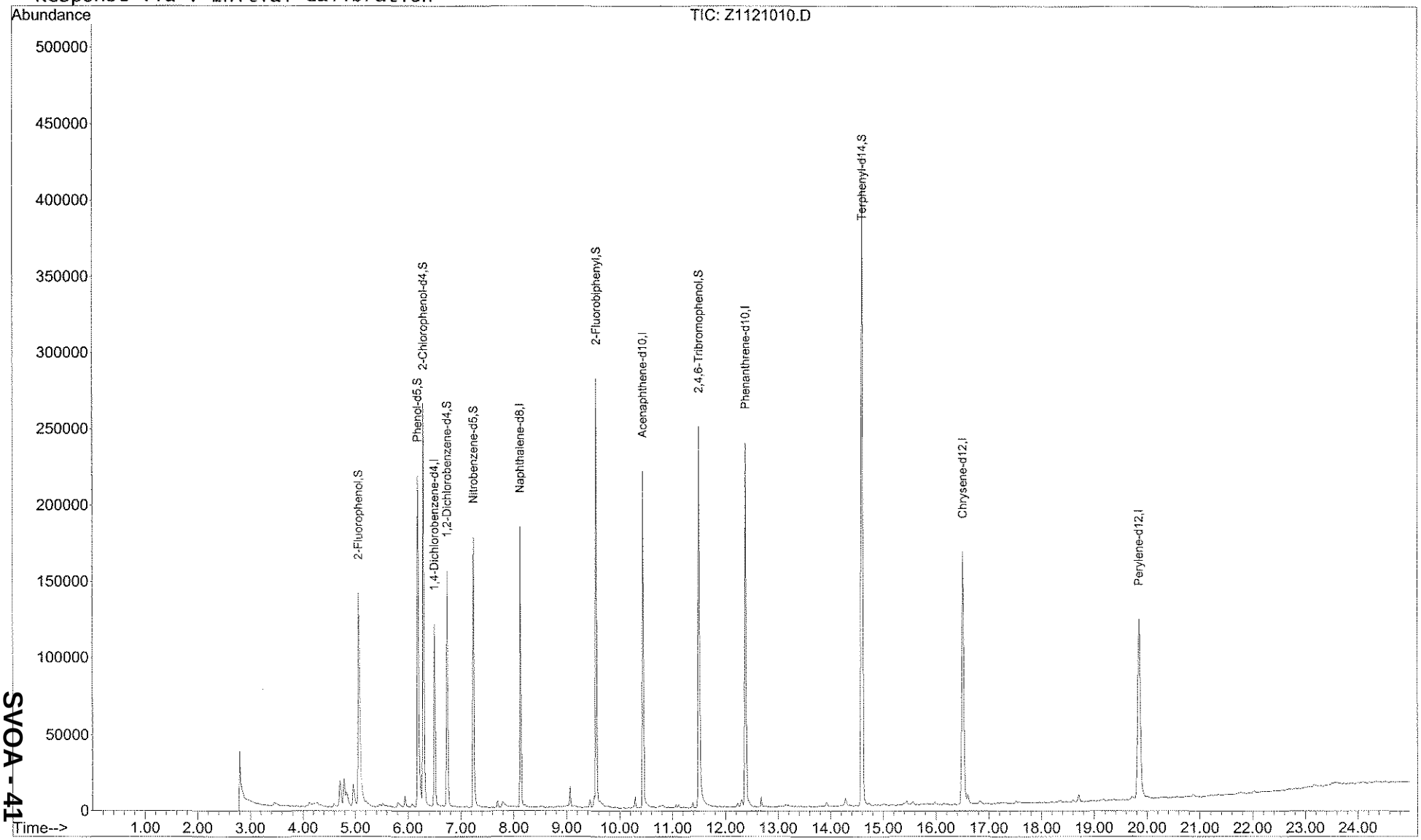
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121010.D Vial: 31
Acq On : 21 Nov 2006 11:52 Operator: LPM
Sample : JPL22-007 DUPE-1-4Q06 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:21 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration



SVOA-41

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121010.D Vial: 31
Acq On : 21 Nov 2006 11:52 Operator: LPM
Sample : JPL22-007 DUPE-1-4Q06 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 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	30256	20.00	ng/ul	-0.01 NA%
24) Naphthalene-d8	8.12	136	120900	20.00	ng/ul	-0.02 NA%
40) Acenaphthene-d10	10.44	164	74178	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.38	188	148354	20.00	ng/ul	-0.02 NA%
82) Chrysene-d12	16.51	240	134136	20.00	ng/ul	-0.03 NA%
92) Perylene-d12	19.85	264	122779	20.00	ng/ul	-0.04 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	90578	50.76	ng/ul	-0.03
Spiked Amount 75.000	Range 20 - 110		Recovery = 67.68%			
7) Phenol-d5	6.18	99	134060	55.41	ng/ul	-0.01
Spiked Amount 75.000	Range 10 - 115		Recovery = 73.88%			
11) 2-Chlorophenol-d4	6.29	132	115879	54.36	ng/ul	-0.02
Spiked Amount 75.000	Range 48 - 117		Recovery = 72.48%			
15) 1,2-Dichlorobenzene-d4	6.74	152	35365	27.46	ng/ul	-0.01
Spiked Amount 50.000	Range 38 - 82		Recovery = 54.92%			
25) Nitrobenzene-d5	7.24	82	81365	36.76	ng/ul	-0.02
Spiked Amount 50.000	Range 40 - 110		Recovery = 73.52%			
46) 2-Fluorobiphenyl	9.56	172	152359	33.18	ng/ul	-0.02
Spiked Amount 50.000	Range 50 - 100		Recovery = 66.36%			
72) 2,4,6-Tribromophenol	11.50	330	51996	47.47	ng/ul	-0.02
Spiked Amount 75.000	Range 40 - 125		Recovery = 63.29%			
85) Terphenyl-d14	14.60	244	282756	44.28	ng/ul	-0.02
Spiked Amount 50.000	Range 50 - 135		Recovery = 88.56%			
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	826	1.01	ng/ul#	55
3) N-nitrosodimethylamine	3.51	74	25	N.D.		
4) Pyridine	3.50	79	77	N.D.		
6) Benzaldehyde	5.98	77	83	N.D.		
8) Phenol	6.20	94	312	N.D.		
9) Aniline	6.17	93	36	N.D.		
10) Bis(2-Chloroethyl)ether	6.29	93	238	N.D.		
12) 2-Chlorophenol	6.32	128	18	N.D.		
13) 1,3-Dichlorobenzene	6.45	146	21	N.D.		
14) 1,4-Dichlorobenzene	6.51	146	34	N.D.		
16) Benzyl alcohol	6.74	108	315	N.D.		
17) 1,2-Dichlorobenzene	6.76	146	33	N.D.		
18) 2-Methylphenol	6.89	108	13	N.D.		
19) Bis(2-chloroisopropyl)ethe	6.99	45	139	N.D.		
20) 3 & 4-Methylphenol	7.09	108	10	N.D.		
21) Acetophenone	7.14	105	138	N.D.		
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
23) Hexachloroethane	7.12	117	38	N.D.		
26) Nitrobenzene	7.24	77	379	N.D.		
27) Isophorone	7.58	82	181	N.D.		
28) 2-Nitrophenol	7.68	139	14	N.D.		

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121010.D Vial: 31
Acq On : 21 Nov 2006 11:52 Operator: LPM
Sample : JPL22-007 DUPE-1-4Q06 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.77	107	17	N.D.	
30)	bis(2-Chloroethoxy)methane	7.79	93	76	N.D.	
31)	Benzoic acid	8.03	105	362	Below Cal #	75
32)	2,4-Dichlorophenol	8.03	162	15	N.D.	
33)	1,2,4-Trichlorobenzene	8.08	180	19	N.D.	
34)	Naphthalene	8.00	128	58	N.D.	
35)	4-Chloroaniline	8.20	127	37	N.D.	
36)	Hexachlorobutadiene	8.35	225	13	N.D.	
37)	Caprolactam	8.76	113	15	N.D.	
38)	4-Chloro-3-methylphenol	8.97	107	35	N.D.	
39)	2-Methylnaphthalene	8.99	142	66	N.D.	
41)	1-Methylnaphthalene	0.00	142	0	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	0.00	196	0	N.D.	
47)	1,1'-Biphenyl	9.67	154	516	N.D.	
48)	2-Chloronaphthalene	9.70	162	25	N.D.	
49)	2-Nitroaniline	9.88	65	25	N.D.	
50)	Dimethylphthalate	10.15	163	38	N.D.	
51)	1,4-Dinitrobenzene	10.02	168	16	N.D.	
52)	1,3-Dinitrobenzene	10.09	168	14	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.37	152	15	N.D.	
55)	1,2-Dinitrobenzene	10.32	168	17	N.D.	
56)	3-Nitroaniline	10.32	138	15	N.D.	
57)	Acenaphthene	10.35	153	15	N.D.	
58)	2,4-Dinitrophenol	10.59	184	19	3.84 ng/ul#	35
59)	4-Nitrophenol	10.71	109	35	1.60 ng/uL#	1
60)	Dibenzofuran	10.71	168	37	N.D.	
61)	2,4-Dinitrotoluene	10.73	165	13	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.79	232	11	N.D.	
63)	2,3,4,6-tetrachlorophenol	10.97	232	12	N.D.	
64)	Diethylphthalate	11.06	149	878	N.D.	
65)	Fluorene	11.12	166	11	N.D.	
66)	4-Chlorophenyl-phenylether	11.08	204	15	N.D.	
67)	4-Nitroaniline	11.20	138	15	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.35	198	11	N.D.	
70)	N-nitrosodiphenylamine	11.50	169	1659	N.D.	
71)	1,2-Diphenylhydrazine	11.38	77	103	N.D.	
73)	4-Bromophenyl-phenylether	11.88	248	10	N.D.	
74)	Hexachlorobenzene	11.79	284	15	N.D.	
75)	Atrazine	12.00	200	14	N.D.	
76)	Pentachlorophenol	12.29	266	13	N.D.	
77)	Phenanthrene	12.50	178	17	N.D.	
78)	Anthracene	12.50	178	17	N.D.	
79)	Carbazole	12.66	167	41	N.D.	
80)	Di-n-butylphthalate	13.19	149	1152	N.D.	
81)	Fluoranthene	14.05	202	73	N.D.	
83)	Benzidine	14.29	184	13	3.97 ng/ul#	1
84)	Pyrene	14.37	202	145	N.D.	
86)	Butylbenzylphthalate	15.45	149	192	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.55	129	393	N.D.	
88)	3,3'-Dichlorobenzidine	16.46	252	19	N.D.	
89)	Benzo[a]anthracene	16.51	228	599	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121010.D Vial: 31
Acq On : 21 Nov 2006 11:52 Operator: LPM
Sample : JPL22-007 DUPE-1-4Q06 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:21 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.62	149	2456	N.D.	
91)	Chrysene	16.51	228	599	N.D.	
93)	Di-n-octylphthalate	18.00	149	346	N.D.	
94)	Benzo[b]fluoranthene	18.97	252	291	N.D.	
95)	Benzo[k]fluoranthene	18.97	252	291	N.D.	
96)	Benzo[a]pyrene	19.71	252	80	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.56	276	158	N.D.	
98)	Dibenz[a,h]anthracene	22.58	278	66	N.D.	
99)	Benzo[g,h,i]perylene	23.17	276	68	N.D.	

(#) = qualifier out of range (m) = manual integration
Z1121010.D Z8270M.M Wed Nov 22 07:21:48 2006

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-1

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

SDG No.: JPL22 Run Sequence: R012833

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-008

Sample wt/vol: 1010.0 (g/mL) mL Lab File ID: Z1121011.D

Level: (LOW/MED) Date Collected: 11/02/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/07/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

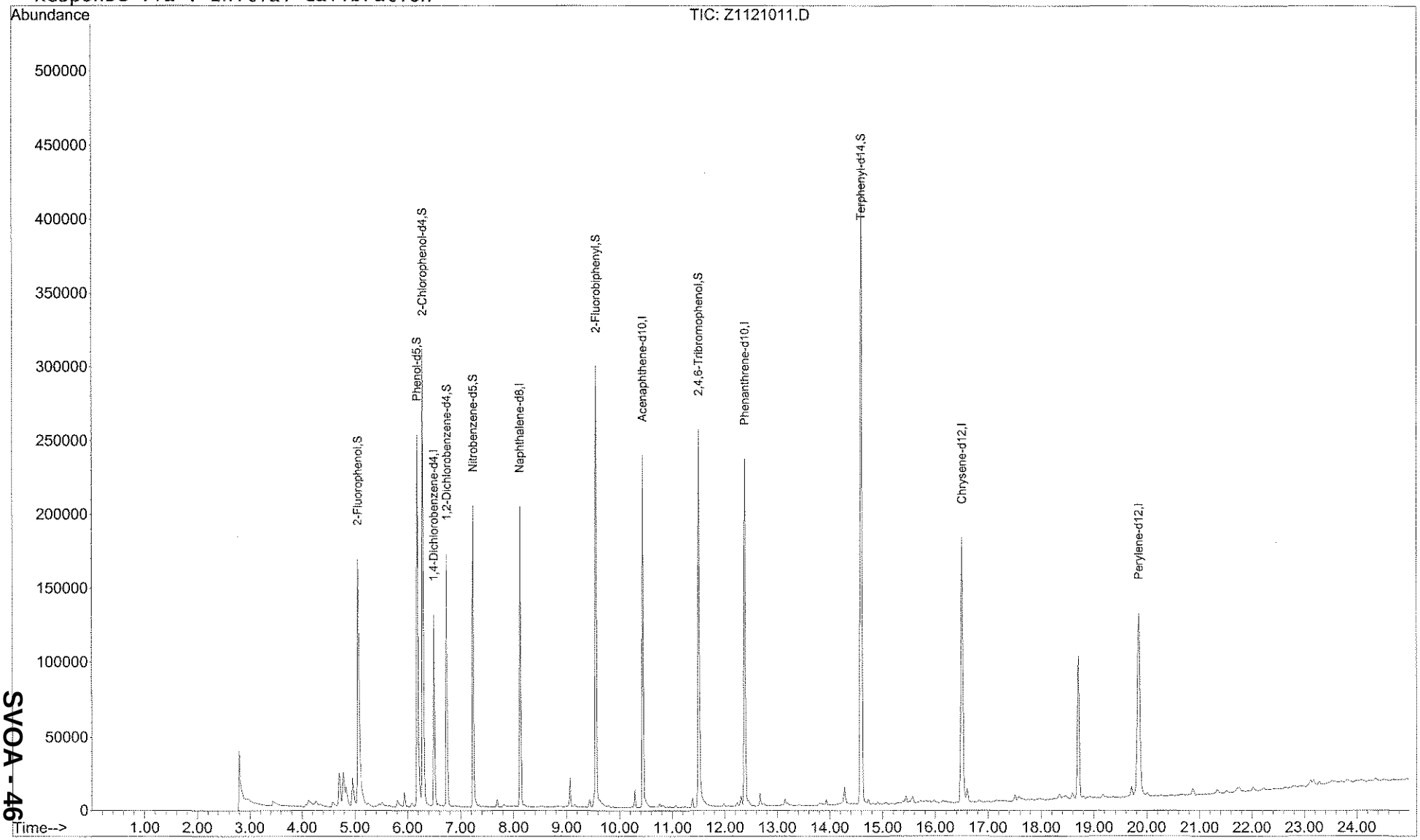
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121011.D Vial: 32
Acq On : 21 Nov 2006 12:28 Operator: LPM
Sample : JPL22-008 MW-17-1 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:22 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration



SVOA-46

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121011.D Vial: 32
Acq On : 21 Nov 2006 12:28 Operator: LPM
Sample : JPL22-008 MW-17-1 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:22 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 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	31631	20.00	ng/ul	-0.01 NA%
24) Naphthalene-d8	8.12	136	130174	20.00	ng/ul	-0.02 NA%
40) Acenaphthene-d10	10.44	164	79780	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.38	188	154543	20.00	ng/ul	-0.02 NA%
82) Chrysene-d12	16.51	240	139944	20.00	ng/ul	-0.03 NA%
92) Perylene-d12	19.85	264	128864	20.00	ng/ul	-0.03 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	104074	55.79	ng/ul	-0.03
Spiked Amount 75.000	Range 20 - 110		Recovery = 74.39%			
7) Phenol-d5	6.18	99	153744	60.78	ng/ul	-0.01
Spiked Amount 75.000	Range 10 - 115		Recovery = 81.04%			
11) 2-Chlorophenol-d4	6.29	132	131082	58.82	ng/ul	-0.01
Spiked Amount 75.000	Range 48 - 117		Recovery = 78.43%			
15) 1,2-Dichlorobenzene-d4	6.74	152	40482	30.07	ng/ul	-0.01
Spiked Amount 50.000	Range 38 - 82		Recovery = 60.14%			
25) Nitrobenzene-d5	7.24	82	94452	39.63	ng/ul	-0.02
Spiked Amount 50.000	Range 40 - 110		Recovery = 79.26%			
46) 2-Fluorobiphenyl	9.56	172	177425	35.93	ng/ul	-0.02
Spiked Amount 50.000	Range 50 - 100		Recovery = 71.86%			
72) 2,4,6-Tribromophenol	11.50	330	55427	48.58	ng/ul	-0.02
Spiked Amount 75.000	Range 40 - 125		Recovery = 64.77%			
85) Terphenyl-d14	14.60	244	294361	44.18	ng/ul	-0.02
Spiked Amount 50.000	Range 50 - 135		Recovery = 88.36%			

Target Compounds				Qvalue
2) 1,4-Dioxane	3.03	88	137	N.D.
3) N-nitrosodimethylamine	3.48	74	26	N.D.
4) Pyridine	3.44	79	49	N.D.
6) Benzaldehyde	5.94	77	88	N.D.
8) Phenol	6.20	94	422	N.D.
9) Aniline	6.20	93	46	N.D.
10) Bis(2-Chloroethyl)ether	6.29	93	271	N.D.
12) 2-Chlorophenol	6.30	128	64	N.D.
13) 1,3-Dichlorobenzene	6.51	146	23	N.D.
14) 1,4-Dichlorobenzene	6.51	146	23	N.D.
16) Benzyl alcohol	6.74	108	360	N.D.
17) 1,2-Dichlorobenzene	6.76	146	15	N.D.
18) 2-Methylphenol	6.97	108	14	N.D.
19) Bis(2-chloroisopropyl)ethe	6.91	45	52	N.D.
20) 3 & 4-Methylphenol	7.15	108	11	N.D.
21) Acetophenone	7.08	105	83	N.D.
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.
23) Hexachloroethane	7.15	117	45	N.D.
26) Nitrobenzene	7.24	77	421	N.D.
27) Isophorone	7.59	82	80	N.D.
28) 2-Nitrophenol	7.67	139	19	N.D.

(#) = qualifier out of range (m) = manual integration
Z1121011.D Z8270M.M Wed Nov 22 07:22:01 2006

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121011.D Vial: 32
Acq On : 21 Nov 2006 12:28 Operator: LPM
Sample : JPL22-008 MW-17-1 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:22 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.74	107	15	N.D.	
30)	bis(2-Chloroethoxy)methane	7.88	93	40	N.D.	
31)	Benzoic acid	7.99	105	789	Below Cal #	84
32)	2,4-Dichlorophenol	8.02	162	25	N.D.	
33)	1,2,4-Trichlorobenzene	8.06	180	12	N.D.	
34)	Naphthalene	8.23	128	15	N.D.	
35)	4-Chloroaniline	8.35	127	15	N.D.	
36)	Hexachlorobutadiene	8.27	225	19	N.D.	
37)	Caprolactam	8.77	113	22	N.D.	
38)	4-Chloro-3-methylphenol	8.99	107	65	N.D.	
39)	2-Methylnaphthalene	9.03	142	13	N.D.	
41)	1-Methylnaphthalene	9.20	142	16	N.D.	
42)	Hexachlorocyclopentadiene	9.29	237	25	1.03 ng/ul#	30
43)	1,2,4,5-Tetrachlorobenzene	0.00	216	0	N.D.	
44)	2,4,6-Trichlorophenol	9.52	196	14	N.D.	
45)	2,4,5-Trichlorophenol	9.52	196	14	N.D.	
47)	1,1'-Biphenyl	9.67	154	603	N.D.	
48)	2-Chloronaphthalene	9.65	162	45	N.D.	
49)	2-Nitroaniline	9.88	65	27	N.D.	
50)	Dimethylphthalate	10.17	163	37	N.D.	
51)	1,4-Dinitrobenzene	10.11	168	18	N.D.	
52)	1,3-Dinitrobenzene	10.11	168	18	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	65	N.D.	
56)	3-Nitroaniline	0.00	138	0	N.D.	
57)	Acenaphthene	10.43	153	24	N.D.	
58)	2,4-Dinitrophenol	10.67	184	12	3.83 ng/ul#	11
59)	4-Nitrophenol	10.72	109	15	1.57 ng/uL#	1
60)	Dibenzofuran	10.72	168	44	N.D.	
61)	2,4-Dinitrotoluene	10.81	165	83	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.90	232	15	N.D.	
63)	2,3,4,6-tetrachlorophenol	10.90	232	15	N.D.	
64)	Diethylphthalate	11.06	149	888	N.D.	
65)	Fluorene	11.05	166	13	N.D.	
66)	4-Chlorophenyl-phenylether	11.02	204	25	N.D.	
67)	4-Nitroaniline	11.20	138	12	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.13	198	14	N.D.	
70)	N-nitrosodiphenylamine	11.32	169	73	N.D.	
71)	1,2-Diphenylhydrazine	11.35	77	18	N.D.	
73)	4-Bromophenyl-phenylether	11.78	248	17	N.D.	
74)	Hexachlorobenzene	12.07	284	10	N.D.	
75)	Atrazine	12.05	200	13	N.D.	
76)	Pentachlorophenol	12.28	266	16	N.D.	
77)	Phenanthrene	12.58	178	20	N.D.	
78)	Anthracene	12.58	178	20	N.D.	
79)	Carbazole	12.67	167	185	N.D.	
80)	Di-n-butylphthalate	13.19	149	1558	N.D.	
81)	Fluoranthene	13.85	202	13	N.D.	
83)	Benzidine	14.19	184	12	3.97 ng/ul	67
84)	Pyrene	14.37	202	92	N.D.	
86)	Butylbenzylphthalate	15.57	149	102	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	773	N.D.	
88)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
89)	Benzo[a]anthracene	16.51	228	457	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121011.D Vial: 32
Acq On : 21 Nov 2006 12:28 Operator: LPM
Sample : JPL22-008 MW-17-1 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:22 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 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	4173	N.D.	
91)	Chrysene	16.51	228	457	N.D.	
93)	Di-n-octylphthalate	17.98	149	1722	N.D.	
94)	Benzo[b]fluoranthene	18.98	252	169	N.D.	
95)	Benzo[k]fluoranthene	18.98	252	169	N.D.	
96)	Benzo[a]pyrene	19.73	252	105	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.52	276	12	N.D.	
98)	Dibenz[a,h]anthracene	22.58	278	28	N.D.	
99)	Benzo[g,h,i]perylene	23.17	276	17	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-2

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

SDG No.: JPL22 Run Sequence: R012833

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-009

Sample wt/vol: 1010.0 (g/mL) mL Lab File ID: Z1121012.D

Level: (LOW/MED) Date Collected: 11/02/2006

% Moisture: Decanted: (Y/N) N Date Extracted: 11/07/2006

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

GPC Cleanup: (Y/N) N pH: 0 Extraction: (Type) CONT

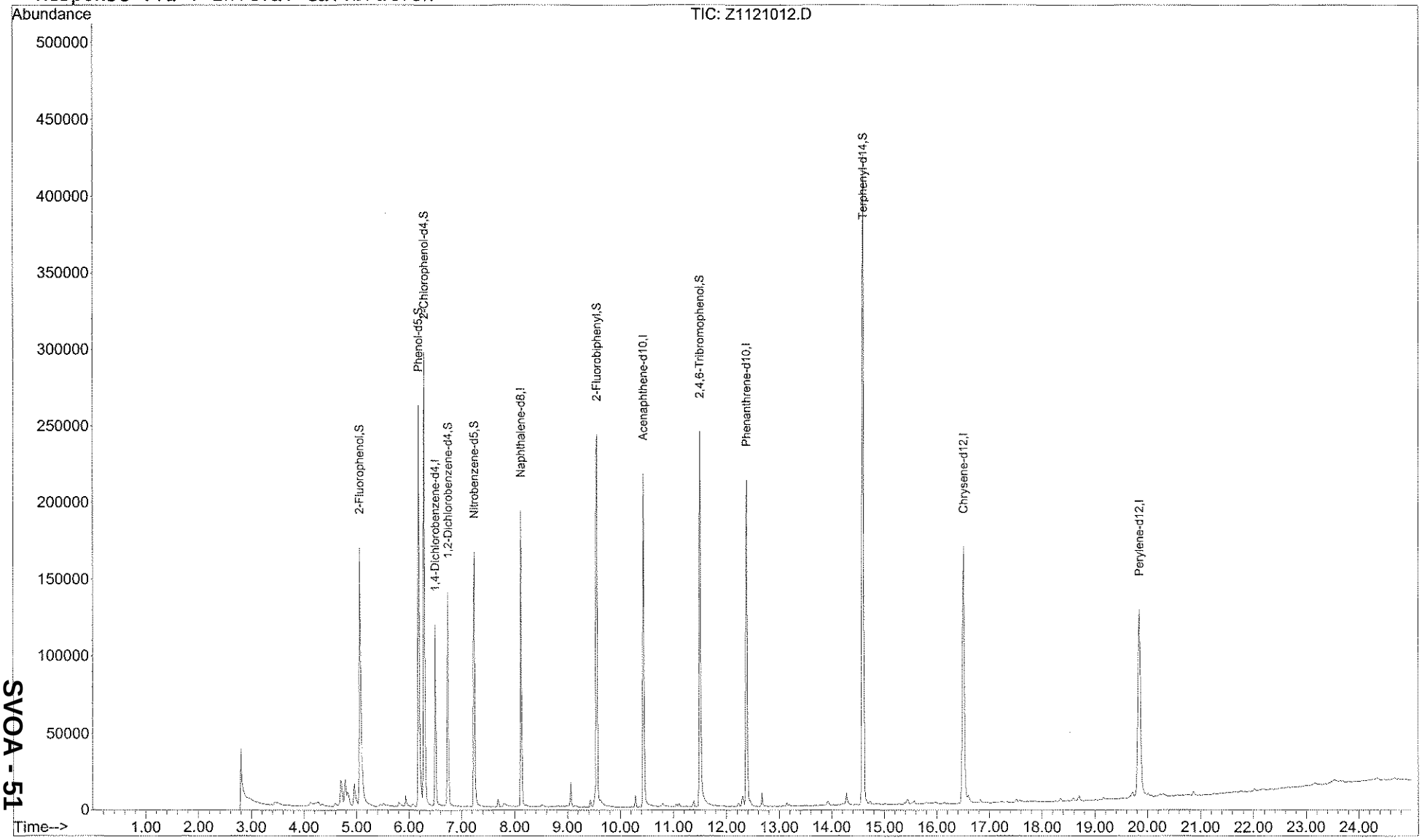
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121012.D Vial: 33
Acq On : 21 Nov 2006 13:03 Operator: LPM
Sample : JPL22-009 MW-17-2 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:22 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration



SVOA - 51

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121012.D Vial: 33
Acq On : 21 Nov 2006 13:03 Operator: LPM
Sample : JPL22-009 MW-17-2 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:22 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 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	29075	20.00	ng/ul	-0.01 NA%
24) Naphthalene-d8	8.12	136	115562	20.00	ng/ul	-0.01 NA%
40) Acenaphthene-d10	10.44	164	74020	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.38	188	145930	20.00	ng/ul	-0.02 NA%
82) Chrysene-d12	16.51	240	133471	20.00	ng/ul	-0.03 NA%
92) Perylene-d12	19.85	264	122651	20.00	ng/ul	-0.04 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	97873	57.08	ng/ul	-0.03
Spiked Amount 75.000	Range 20 - 110		Recovery = 76.11%			
7) Phenol-d5	6.18	99	144603	62.20	ng/ul	-0.01
Spiked Amount 75.000	Range 10 - 115		Recovery = 82.93%			
11) 2-Chlorophenol-d4	6.29	132	125646	61.34	ng/ul	-0.01
Spiked Amount 75.000	Range 48 - 117		Recovery = 81.79%			
15) 1,2-Dichlorobenzene-d4	6.74	152	36224	29.27	ng/ul	-0.01
Spiked Amount 50.000	Range 38 - 82		Recovery = 58.54%			
25) Nitrobenzene-d5	7.24	82	89724	42.41	ng/ul	-0.01
Spiked Amount 50.000	Range 40 - 110		Recovery = 84.82%			
46) 2-Fluorobiphenyl	9.56	172	159898	34.90	ng/ul	-0.02
Spiked Amount 50.000	Range 50 - 100		Recovery = 69.80%			
72) 2,4,6-Tribromophenol	11.50	330	54230	50.34	ng/ul	-0.02
Spiked Amount 75.000	Range 40 - 125		Recovery = 67.12%			
85) Terphenyl-d14	14.60	244	286075	45.02	ng/ul	-0.02
Spiked Amount 50.000	Range 50 - 135		Recovery = 90.04%			
Target Compounds						Qvalue
2) 1,4-Dioxane	3.03	88	478	N.D.		
3) N-nitrosodimethylamine	3.50	74	103	N.D.		
4) Pyridine	3.47	79	110	N.D.		
6) Benzaldehyde	6.00	77	108	N.D.		
8) Phenol	6.20	94	358	N.D.		
9) Aniline	6.15	93	18	N.D.		
10) Bis(2-Chloroethyl)ether	6.29	93	195	N.D.		
12) 2-Chlorophenol	6.30	128	21	N.D.		
13) 1,3-Dichlorobenzene	6.45	146	22	N.D.		
14) 1,4-Dichlorobenzene	6.52	146	16	N.D.		
16) Benzyl alcohol	6.74	108	280	N.D.		
17) 1,2-Dichlorobenzene	6.76	146	48	N.D.		
18) 2-Methylphenol	6.94	108	49	N.D.		
19) Bis(2-chloroisopropyl)ethe	6.82	45	1087	N.D.		
20) 3 & 4-Methylphenol	7.15	108	28	N.D.		
21) Acetophenone	7.08	105	117	N.D.		
22) n-Nitroso-di-n-propylamine	7.06	70	292	N.D.		
23) Hexachloroethane	7.17	117	15	N.D.		
26) Nitrobenzene	7.24	77	422	N.D.		
27) Isophorone	7.67	82	97	N.D.		
28) 2-Nitrophenol	7.56	139	19	N.D.		

(#) = qualifier out of range (m) = manual integration
Z1121012.D Z8270M.M Wed Nov 22 07:22:15 2006

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121012.D Vial: 33
Acq On : 21 Nov 2006 13:03 Operator: LPM
Sample : JPL22-009 MW-17-2 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:22 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.76	107	42	N.D.	
30)	bis(2-Chloroethoxy)methane	7.79	93	40	N.D.	
31)	Benzoic acid	7.99	105	240	Below Cal	92
32)	2,4-Dichlorophenol	7.99	162	13	N.D.	
33)	1,2,4-Trichlorobenzene	8.08	180	20	N.D.	
34)	Naphthalene	8.15	128	99	N.D.	
35)	4-Chloroaniline	8.35	127	16	N.D.	
36)	Hexachlorobutadiene	8.50	225	12	N.D.	
37)	Caprolactam	8.73	113	25	N.D.	
38)	4-Chloro-3-methylphenol	8.97	107	36	N.D.	
39)	2-Methylnaphthalene	9.06	142	15	N.D.	
41)	1-Methylnaphthalene	0.00	142	0	N.D.	
42)	Hexachlorocyclopentadiene	9.15	237	16	1.03 ng/ul#	30
43)	1,2,4,5-Tetrachlorobenzene	0.00	216	0	N.D.	
44)	2,4,6-Trichlorophenol	9.40	196	12	N.D.	
45)	2,4,5-Trichlorophenol	9.71	196	23	N.D.	
47)	1,1'-Biphenyl	9.67	154	503	N.D.	
48)	2-Chloronaphthalene	0.00	162	0	N.D.	
49)	2-Nitroaniline	9.87	65	75	N.D.	
50)	Dimethylphthalate	10.14	163	18	N.D.	
51)	1,4-Dinitrobenzene	0.00	168	0	N.D.	
52)	1,3-Dinitrobenzene	10.35	168	18	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.22	152	44	N.D.	
55)	1,2-Dinitrobenzene	10.35	168	18	N.D.	
56)	3-Nitroaniline	10.49	138	11	N.D.	
57)	Acenaphthene	10.50	153	13	N.D.	
58)	2,4-Dinitrophenol	10.64	184	31	3.85 ng/ul#	35
59)	4-Nitrophenol	10.73	109	13	1.57 ng/uL#	1
60)	Dibenzofuran	10.70	168	27	N.D.	
61)	2,4-Dinitrotoluene	10.76	165	44	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	11.06	149	990	N.D.	
65)	Fluorene	0.00	166	0	N.D.	
66)	4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
67)	4-Nitroaniline	11.29	138	25	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.38	198	10	N.D.	
70)	N-nitrosodiphenylamine	11.50	169	1742	N.D.	
71)	1,2-Diphenylhydrazine	11.38	77	134	N.D.	
73)	4-Bromophenyl-phenylether	11.75	248	55	N.D.	
74)	Hexachlorobenzene	0.00	284	0	N.D.	
75)	Atrazine	0.00	200	0	N.D.	
76)	Pentachlorophenol	12.29	266	13	N.D.	
77)	Phenanthrene	12.26	178	12	N.D.	
78)	Anthracene	12.37	178	179	N.D.	
79)	Carbazole	12.67	167	228	N.D.	
80)	Di-n-butylphthalate	13.19	149	1014	N.D.	
81)	Fluoranthene	13.98	202	18	N.D.	
83)	Benzidine	14.26	184	15	3.97 ng/ul#	1
84)	Pyrene	14.35	202	22	N.D.	
86)	Butylbenzylphthalate	15.43	149	234	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	507	N.D.	
88)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
89)	Benzo[a]anthracene	16.49	228	467	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121012.D Vial: 33
Acq On : 21 Nov 2006 13:03 Operator: LPM
Sample : JPL22-009 MW-17-2 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:22 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 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	1739	N.D.	
91)	Chrysene	16.49	228	467	N.D.	
93)	Di-n-octylphthalate	18.00	149	119	N.D.	
94)	Benzo[b]fluoranthene	18.94	252	46	N.D.	
95)	Benzo[k]fluoranthene	19.01	252	73	N.D.	
96)	Benzo[a]pyrene	19.71	252	50	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.47	276	10	N.D.	
98)	Dibenz[a,h]anthracene	22.59	278	30	N.D.	
99)	Benzo[g,h,i]perylene	23.22	276	15	N.D.	

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

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-5

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

SDG No.: JPL22 Run Sequence: R012833

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-017

Sample wt/vol: 990.0 (g/mL) mL Lab File ID: Z1121015.D

Level: (LOW/MED) _____ Date Collected: 11/06/2006

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

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

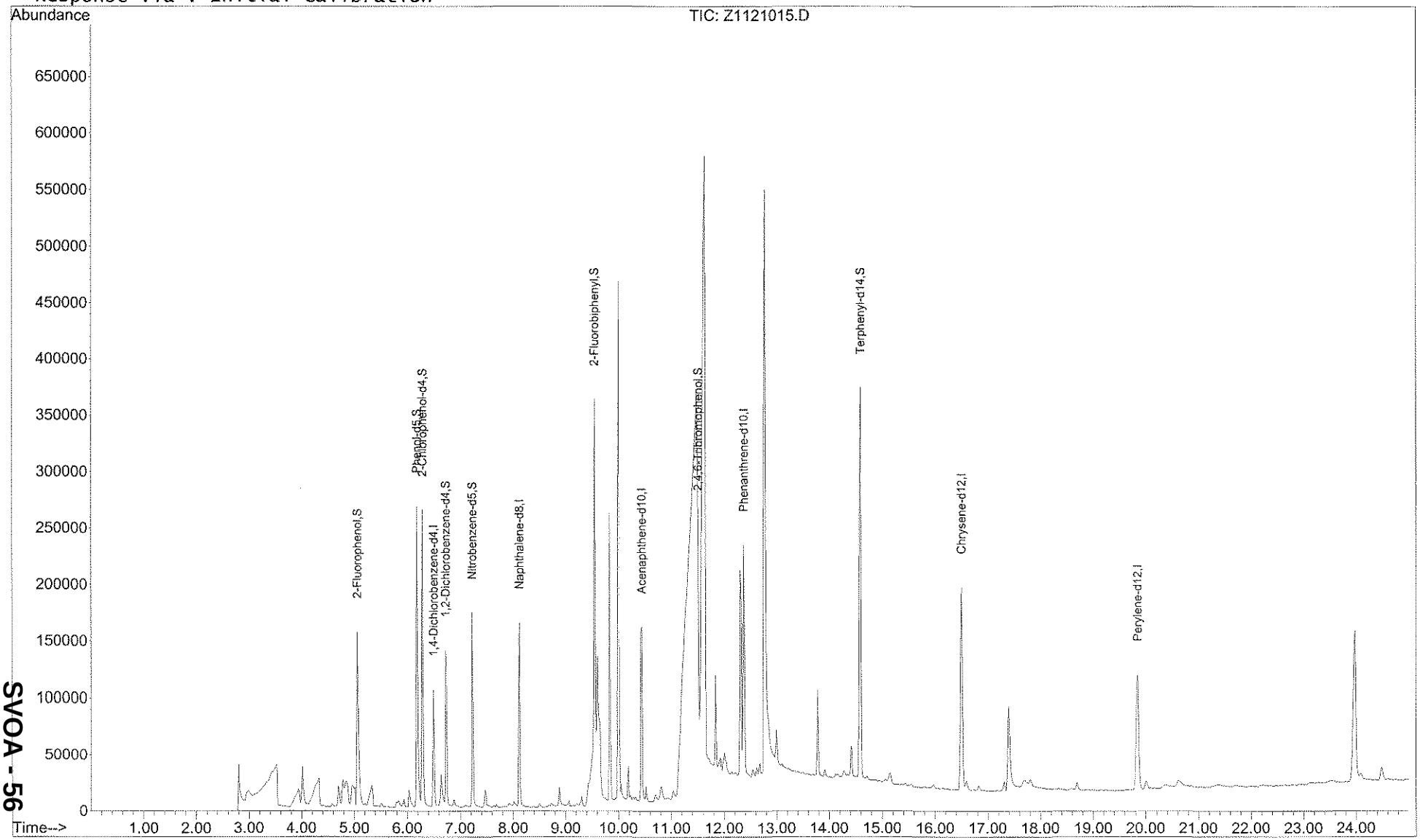
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121015.D Vial: 36
Acq On : 21 Nov 2006 14:51 Operator: LPM
Sample : JPL22-017 MW-3-5 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:23 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration



SVOA - 56

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121015.D Vial: 36
Acq On : 21 Nov 2006 14:51 Operator: LPM
Sample : JPL22-017 MW-3-5 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:23 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 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	27260	20.00 ng/ul	-0.01 NA%
24) Naphthalene-d8	8.12	136	109827	20.00 ng/ul	-0.01 NA%
40) Acenaphthene-d10	10.44	164	66583	20.00 ng/ul	-0.01 NA%
68) Phenanthrene-d10	12.37	188	128813	20.00 ng/ul	-0.03 NA%
82) Chrysene-d12	16.50	240	114161	20.00 ng/ul	-0.04 NA%
92) Perylene-d12	19.84	264	102258	20.00 ng/ul	-0.04 NA%
System Monitoring Compounds					
5) 2-Fluorophenol	5.06	112	91004	56.60 ng/ul	-0.03
Spiked Amount 75.000	Range 20 - 110		Recovery = 75.47%		
7) Phenol-d5	6.18	99	139187	63.85 ng/ul	-0.01
Spiked Amount 75.000	Range 10 - 115		Recovery = 85.13%		
11) 2-Chlorophenol-d4	6.29	132	113924	59.32 ng/ul	-0.01
Spiked Amount 75.000	Range 48 - 117		Recovery = 79.09%		
15) 1,2-Dichlorobenzene-d4	6.73	152	36031	31.06 ng/ul	-0.03
Spiked Amount 50.000	Range 38 - 82		Recovery = 62.12%		
25) Nitrobenzene-d5	7.23	82	77082	38.34 ng/ul	-0.03
Spiked Amount 50.000	Range 40 - 110		Recovery = 76.68%		
46) 2-Fluorobiphenyl	9.55	172	153136	37.16 ng/ul	-0.03
Spiked Amount 50.000	Range 50 - 100		Recovery = 74.32%		
72) 2,4,6-Tribromophenol	11.51	330	52307	55.00 ng/ul	-0.01
Spiked Amount 75.000	Range 40 - 125		Recovery = 73.33%		
85) Terphenyl-d14	14.59	244	222108	40.87 ng/ul	-0.03
Spiked Amount 50.000	Range 50 - 135		Recovery = 81.74%		
Target Compounds					Qvalue
2) 1,4-Dioxane	3.10	88	347	N.D.	
3) N-nitrosodimethylamine	0.00	74	0	N.D.	
4) Pyridine	3.47	79	277	N.D.	
6) Benzaldehyde	6.01	77	285	N.D.	
8) Phenol	6.20	94	363	N.D.	
9) Aniline	6.20	93	129	N.D.	
10) Bis(2-Chloroethyl)ether	6.29	93	224	N.D.	
12) 2-Chlorophenol	6.32	128	15	N.D.	
13) 1,3-Dichlorobenzene	6.49	146	13	N.D.	
14) 1,4-Dichlorobenzene	6.53	146	15	N.D.	
16) Benzyl alcohol	6.73	108	258	N.D.	
17) 1,2-Dichlorobenzene	6.80	146	11	N.D.	
18) 2-Methylphenol	7.06	108	12	N.D.	
19) Bis(2-chloroisopropyl)ethe	6.88	45	1926	N.D.	
20) 3 & 4-Methylphenol	7.06	108	12	N.D.	
21) Acetophenone	7.06	105	186	N.D.	
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.	
23) Hexachloroethane	7.14	117	25	N.D.	
26) Nitrobenzene	7.23	77	528	N.D.	
27) Isophorone	7.56	82	250	N.D.	
28) 2-Nitrophenol	7.68	139	20	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121015.D Vial: 36
Acq On : 21 Nov 2006 14:51 Operator: LPM
Sample : JPL22-017 MW-3-5 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:23 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.71	107	19	N.D.	
30)	bis(2-Chloroethoxy)methane	7.83	93	65	N.D.	
31)	Benzoic acid	7.94	105	2454	1.92 ng/ul	99
32)	2,4-Dichlorophenol	8.09	162	30	N.D.	
33)	1,2,4-Trichlorobenzene	8.00	180	12	N.D.	
34)	Naphthalene	8.15	128	181	N.D.	
35)	4-Chloroaniline	8.29	127	16	N.D.	
36)	Hexachlorobutadiene	0.00	225	0	N.D.	
37)	Caprolactam	8.73	113	785	N.D.	
38)	4-Chloro-3-methylphenol	8.94	107	87	N.D.	
39)	2-Methylnaphthalene	9.05	142	61	N.D.	
41)	1-Methylnaphthalene	9.31	142	974	N.D.	
42)	Hexachlorocyclopentadiene	9.26	237	12	1.02 ng/ul#	30
43)	1,2,4,5-Tetrachlorobenzene	0.00	216	0	N.D.	
44)	2,4,6-Trichlorophenol	9.46	196	15	N.D.	
45)	2,4,5-Trichlorophenol	9.46	196	15	N.D.	
47)	1,1'-Biphenyl	9.67	154	553	N.D.	
48)	2-Chloronaphthalene	9.70	162	201	N.D.	
49)	2-Nitroaniline	9.84	65	4012	2.50 ng/ul#	1
50)	Dimethylphthalate	10.19	163	1160	N.D.	
51)	1,4-Dinitrobenzene	9.91	168	17	N.D.	
52)	1,3-Dinitrobenzene	10.20	168	16	N.D.	
53)	2,6-Dinitrotoluene	10.23	165	697	N.D.	
54)	Acenaphthylene	10.23	152	55	N.D.	
55)	1,2-Dinitrobenzene	10.35	168	21	N.D.	
56)	3-Nitroaniline	10.40	138	55	N.D.	
57)	Acenaphthene	10.49	153	52	N.D.	
58)	2,4-Dinitrophenol	10.57	184	11	3.83 ng/ul#	1
59)	4-Nitrophenol	10.78	109	124	1.75 ng/uL#	22
60)	Dibenzofuran	10.67	168	17	N.D.	
61)	2,4-Dinitrotoluene	10.79	165	100	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.90	232	12	N.D.	
63)	2,3,4,6-tetrachlorophenol	10.94	232	12	N.D.	
64)	Diethylphthalate	11.05	149	1231	N.D.	
65)	Fluorene	11.14	166	19	N.D.	
66)	4-Chlorophenyl-phenylether	11.13	204	221	N.D.	
67)	4-Nitroaniline	11.23	138	56	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.35	198	14	N.D.	
70)	N-nitrosodiphenylamine	11.40	169	58	N.D.	
71)	1,2-Diphenylhydrazine	11.28	77	956	N.D.	
73)	4-Bromophenyl-phenylether	11.83	248	15	N.D.	
74)	Hexachlorobenzene	12.04	284	33	N.D.	
75)	Atrazine	12.04	200	33	N.D.	
76)	Pentachlorophenol	12.27	266	52	N.D.	
77)	Phenanthrene	12.40	178	159	N.D.	
78)	Anthracene	12.46	178	48	N.D.	
79)	Carbazole	12.68	167	343	N.D.	
80)	Di-n-butylphthalate	13.18	149	1033	N.D.	
81)	Fluoranthene	14.01	202	159	N.D.	
83)	Benzidine	14.29	184	853	4.20 ng/ul#	18
84)	Pyrene	14.36	202	240	N.D.	
86)	Butylbenzylphthalate	15.44	149	198	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.55	129	1754	N.D.	
88)	3,3'-Dichlorobenzidine	16.49	252	322	N.D.	
89)	Benzo[a]anthracene	16.50	228	618	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121015.D Vial: 36
Acq On : 21 Nov 2006 14:51 Operator: LPM
Sample : JPL22-017 MW-3-5 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:23 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.61	149	3711	N.D.	
91)	Chrysene	16.50	228	618	N.D.	
93)	Di-n-octylphthalate	17.98	149	262	N.D.	
94)	Benzo[b]fluoranthene	18.93	252	253	N.D.	
95)	Benzo[k]fluoranthene	18.93	252	151	N.D.	
96)	Benzo[a]pyrene	19.71	252	93	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.50	276	120	N.D.	
98)	Dibenz[a,h]anthracene	22.53	278	160	N.D.	
99)	Benzo[g,h,i]perylene	23.13	276	124	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-4

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

SDG No.: JPL22 Run Sequence: R012833

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-018

Sample wt/vol: 1010.0 (g/mL) mL Lab File ID: Z1121016.D

Level: (LOW/MED) _____ Date Collected: 11/06/2006

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

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

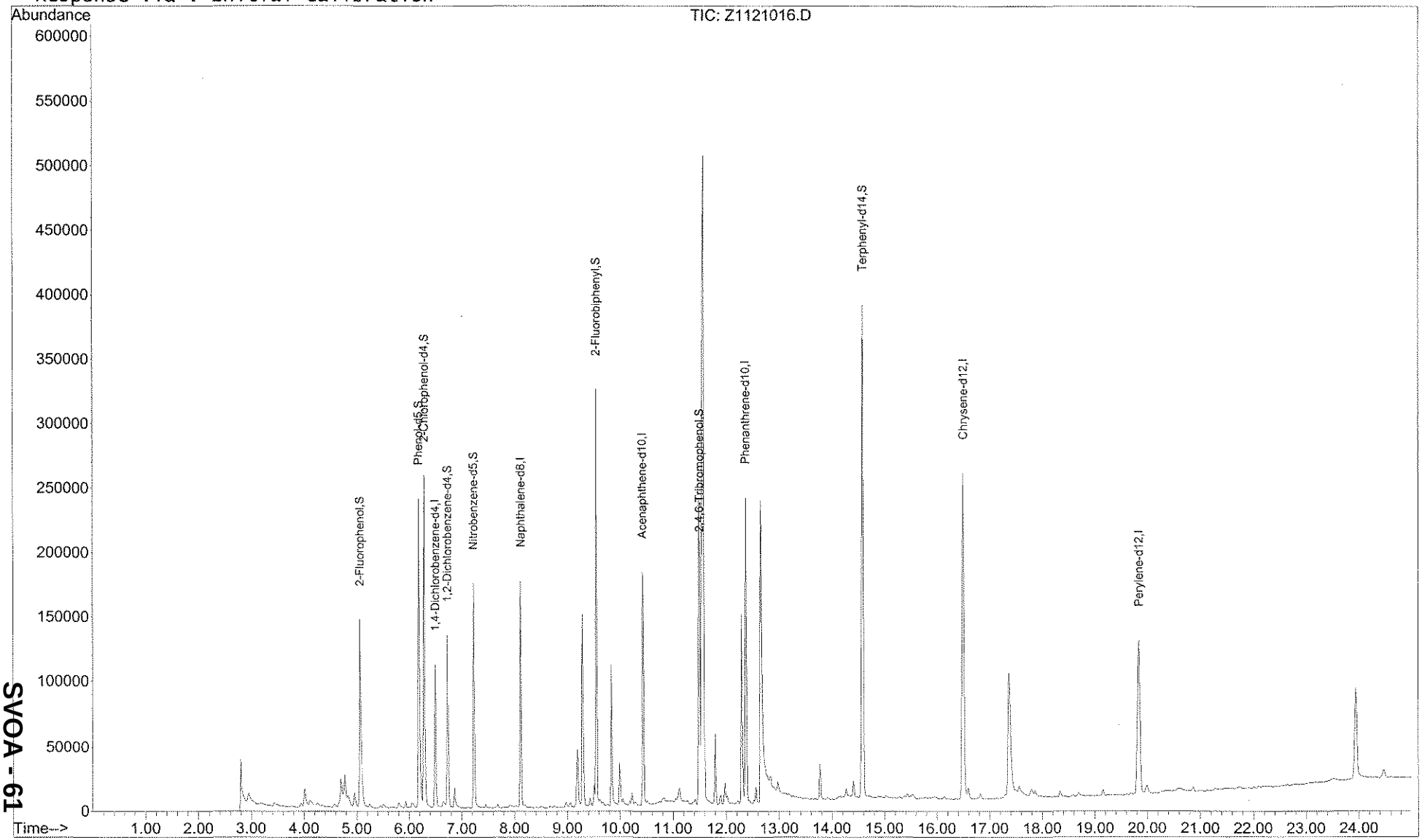
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121016.D Vial: 37
Acq On : 21 Nov 2006 15:27 Operator: LPM
Sample : JPL22-018 MW-3-4 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:23 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration



SVOA-61

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121016.D Vial: 37
Acq On : 21 Nov 2006 15:27 Operator: LPM
Sample : JPL22-018 MW-3-4 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:23 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 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	29928	20.00	ng/ul	-0.01 NA%
24) Naphthalene-d8	8.12	136	121462	20.00	ng/ul	-0.01 NA%
40) Acenaphthene-d10	10.43	164	74816	20.00	ng/ul	-0.03 NA%
68) Phenanthrene-d10	12.37	188	142422	20.00	ng/ul	-0.03 NA%
82) Chrysene-d12	16.50	240	129375	20.00	ng/ul	-0.04 NA%
92) Perylene-d12	19.84	264	117791	20.00	ng/ul	-0.04 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	83422	47.26	ng/ul	-0.03
Spiked Amount 75.000	Range 20 - 110		Recovery = 63.01%			
7) Phenol-d5	6.18	99	131530	54.96	ng/ul	-0.01
Spiked Amount 75.000	Range 10 - 115		Recovery = 73.28%			
11) 2-Chlorophenol-d4	6.29	132	109337	51.86	ng/ul	-0.01
Spiked Amount 75.000	Range 48 - 117		Recovery = 69.15%			
15) 1,2-Dichlorobenzene-d4	6.73	152	33336	26.17	ng/ul	-0.03
Spiked Amount 50.000	Range 38 - 82		Recovery = 52.34%			
25) Nitrobenzene-d5	7.23	82	76823	34.55	ng/ul	-0.03
Spiked Amount 50.000	Range 40 - 110		Recovery = 69.10%			
46) 2-Fluorobiphenyl	9.55	172	160246	34.60	ng/ul	-0.03
Spiked Amount 50.000	Range 50 - 100		Recovery = 69.20%			
72) 2,4,6-Tribromophenol	11.51	330	54153	51.50	ng/ul	-0.02
Spiked Amount 75.000	Range 40 - 125		Recovery = 68.67%			
85) Terphenyl-d14	14.59	244	243662	39.56	ng/ul	-0.03
Spiked Amount 50.000	Range 50 - 135		Recovery = 79.12%			
Target Compounds						Qvalue
2) 1,4-Dioxane	3.00	88	142	N.D.		
3) N-nitrosodimethylamine	3.50	74	40	N.D.		
4) Pyridine	3.47	79	24	N.D.		
6) Benzaldehyde	6.01	77	323	N.D.		
8) Phenol	6.20	94	540	N.D.		
9) Aniline	6.21	93	46	N.D.		
10) Bis(2-Chloroethyl)ether	6.21	93	46	N.D.		
12) 2-Chlorophenol	6.32	128	40	N.D.		
13) 1,3-Dichlorobenzene	6.52	146	23	N.D.		
14) 1,4-Dichlorobenzene	6.52	146	23	N.D.		
16) Benzyl alcohol	6.73	108	313	N.D.		
17) 1,2-Dichlorobenzene	6.68	146	25	N.D.		
18) 2-Methylphenol	6.94	108	11	N.D.		
19) Bis(2-chloroisopropyl)ethe	6.86	45	569	N.D.		
20) 3 & 4-Methylphenol	7.11	108	15	N.D.		
21) Acetophenone	7.06	105	93	N.D.		
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
23) Hexachloroethane	7.17	117	22	N.D.		
26) Nitrobenzene	7.36	77	118	N.D.		
27) Isophorone	7.50	82	236	N.D.		
28) 2-Nitrophenol	7.73	139	15	N.D.		

(#) = qualifier out of range (m) = manual integration
Z1121016.D Z8270M.M Wed Nov 22 07:23:18 2006

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121016.D Vial: 37
Acq On : 21 Nov 2006 15:27 Operator: LPM
Sample : JPL22-018 MW-3-4 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:23 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.76	107	16	N.D.	
30)	bis(2-Chloroethoxy)methane	7.85	93	30	N.D.	
31)	Benzoic acid	7.94	105	1442	N.D.	
32)	2,4-Dichlorophenol	8.14	162	21	N.D.	
33)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
34)	Naphthalene	8.15	128	160	N.D.	
35)	4-Chloroaniline	8.27	127	15	N.D.	
36)	Hexachlorobutadiene	8.46	225	14	N.D.	
37)	Caprolactam	8.79	113	114	N.D.	
38)	4-Chloro-3-methylphenol	8.94	107	17	N.D.	
39)	2-Methylnaphthalene	9.05	142	42	N.D.	
41)	1-Methylnaphthalene	9.31	142	3532	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	9.50	196	446	N.D.	
45)	2,4,5-Trichlorophenol	9.50	196	446	N.D.	
47)	1,1'-Biphenyl	9.67	154	621	N.D.	
48)	2-Chloronaphthalene	9.68	162	138	N.D.	
49)	2-Nitroaniline	9.84	65	1847	1.02 ng/ul#	1
50)	Dimethylphthalate	10.19	163	86	N.D.	
51)	1,4-Dinitrobenzene	10.09	168	16	N.D.	
52)	1,3-Dinitrobenzene	10.16	168	14	N.D.	
53)	2,6-Dinitrotoluene	10.23	165	1372	N.D.	
54)	Acenaphthylene	10.25	152	68	N.D.	
55)	1,2-Dinitrobenzene	10.34	168	33	N.D.	
56)	3-Nitroaniline	0.00	138	0	N.D.	
57)	Acenaphthene	10.47	153	14	N.D.	
58)	2,4-Dinitrophenol	10.52	184	14	3.83 ng/ul#	35
59)	4-Nitrophenol	10.67	109	66	1.64 ng/uL#	11
60)	Dibenzofuran	10.73	168	20	N.D.	
61)	2,4-Dinitrotoluene	10.75	165	24	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.72	232	10	N.D.	
63)	2,3,4,6-tetrachlorophenol	11.10	232	15	N.D.	
64)	Diethylphthalate	11.05	149	942	N.D.	
65)	Fluorene	11.17	166	15	N.D.	
66)	4-Chlorophenyl-phenylether	11.11	204	250	N.D.	
67)	4-Nitroaniline	11.20	138	10	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.35	198	15	N.D.	
70)	N-nitrosodiphenylamine	11.49	169	1720	N.D.	
71)	1,2-Diphenylhydrazine	11.37	77	213	N.D.	
73)	4-Bromophenyl-phenylether	11.73	248	14	N.D.	
74)	Hexachlorobenzene	11.90	284	15	N.D.	
75)	Atrazine	12.04	200	26	N.D.	
76)	Pentachlorophenol	12.23	266	16	N.D.	
77)	Phenanthrene	12.42	178	199	N.D.	
78)	Anthracene	12.42	178	199	N.D.	
79)	Carbazole	12.67	167	321	N.D.	
80)	Di-n-butylphthalate	13.17	149	1277	N.D.	
81)	Fluoranthene	14.02	202	146	N.D.	
83)	Benzidine	14.12	184	11	3.97 ng/ul	67
84)	Pyrene	14.36	202	158	N.D.	
86)	Butylbenzylphthalate	15.44	149	239	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	824	N.D.	
88)	3,3'-Dichlorobenzidine	16.50	252	89	N.D.	
89)	Benzo[a]anthracene	16.50	228	815	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121016.D Vial: 37
Acq On : 21 Nov 2006 15:27 Operator: LPM
Sample : JPL22-018 MW-3-4 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:23 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 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	4118	N.D.		
91)	Chrysene	16.50	228	815	N.D.		
93)	Di-n-octylphthalate	17.97	149	322	N.D.		
94)	Benzo[b]fluoranthene	18.94	252	142	N.D.		
95)	Benzo[k]fluoranthene	18.94	252	142	N.D.		
96)	Benzo[a]pyrene	19.70	252	105	N.D.		
97)	Indeno[1,2,3-cd]pyrene	22.53	276	62	N.D.		
98)	Dibenz[a,h]anthracene	22.56	278	75	N.D.		
99)	Benzo[g,h,i]perylene	23.15	276	108	N.D.		

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

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-8-11/6/06

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

SDG No.: JPL22 Run Sequence: R012833

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-019

Sample wt/vol: 1010.0 (g/mL) mL Lab File ID: Z1121017.D

Level: (LOW/MED) Date Collected: 11/06/2006

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

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

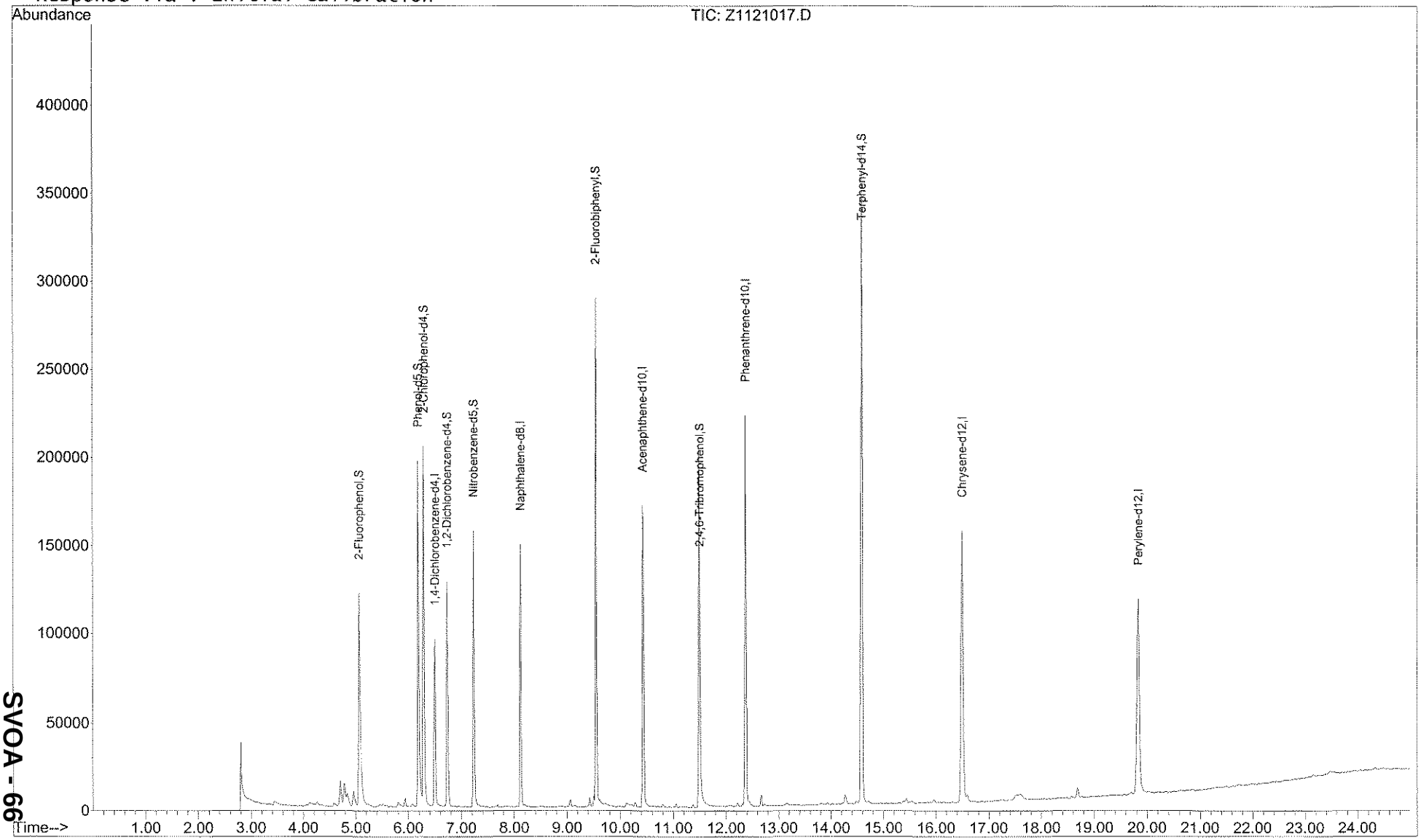
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121017.D Vial: 38
Acq On : 21 Nov 2006 16:03 Operator: LPM
Sample : JPL22-019 EB-8-11/6/06 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:23 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121017.D Vial: 38
Acq On : 21 Nov 2006 16:03 Operator: LPM
Sample : JPL22-019 EB-8-11/6/06 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:23 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 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	26616	20.00	ng/ul	-0.01 NA%
24) Naphthalene-d8	8.12	136	108954	20.00	ng/ul	-0.01 NA%
40) Acenaphthene-d10	10.43	164	67724	20.00	ng/ul	-0.03 NA%
68) Phenanthrene-d10	12.37	188	133105	20.00	ng/ul	-0.03 NA%
82) Chrysene-d12	16.49	240	121055	20.00	ng/ul	-0.05 NA%
92) Perylene-d12	19.83	264	109569	20.00	ng/ul	-0.05 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	72895	46.44	ng/ul	-0.03
Spiked Amount 75.000	Range 20 - 110		Recovery = 61.92%			
7) Phenol-d5	6.18	99	107452	50.49	ng/ul	-0.01
Spiked Amount 75.000	Range 10 - 115		Recovery = 67.32%			
11) 2-Chlorophenol-d4	6.29	132	94353	50.32	ng/ul	-0.01
Spiked Amount 75.000	Range 48 - 117		Recovery = 67.09%			
15) 1,2-Dichlorobenzene-d4	6.73	152	31121	27.47	ng/ul	-0.03
Spiked Amount 50.000	Range 38 - 82		Recovery = 54.94%			
25) Nitrobenzene-d5	7.23	82	66842	33.51	ng/ul	-0.03
Spiked Amount 50.000	Range 40 - 110		Recovery = 67.02%			
46) 2-Fluorobiphenyl	9.55	172	135494	32.32	ng/ul	-0.03
Spiked Amount 50.000	Range 50 - 100		Recovery = 64.64%			
72) 2,4,6-Tribromophenol	11.50	330	43270	44.03	ng/ul	-0.02
Spiked Amount 75.000	Range 40 - 125		Recovery = 58.71%			
85) Terphenyl-d14	14.58	244	230288	39.96	ng/ul	-0.03
Spiked Amount 50.000	Range 50 - 135		Recovery = 79.92%			

Target Compounds				Qvalue
2) 1,4-Dioxane	3.15	88	149	N.D.
3) N-nitrosodimethylamine	3.44	74	65	N.D.
4) Pyridine	3.42	79	41	N.D.
6) Benzaldehyde	6.00	77	108	N.D.
8) Phenol	6.20	94	287	N.D.
9) Aniline	6.20	93	22	N.D.
10) Bis(2-Chloroethyl)ether	6.29	93	220	N.D.
12) 2-Chlorophenol	6.32	128	13	N.D.
13) 1,3-Dichlorobenzene	6.50	146	46	N.D.
14) 1,4-Dichlorobenzene	6.50	146	46	N.D.
16) Benzyl alcohol	6.73	108	235	N.D.
17) 1,2-Dichlorobenzene	6.88	146	13	N.D.
18) 2-Methylphenol	6.91	108	29	N.D.
19) Bis(2-chloroisopropyl)ethe	6.77	45	182	N.D.
20) 3 & 4-Methylphenol	6.91	108	29	N.D.
21) Acetophenone	7.06	105	107	N.D.
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.
23) Hexachloroethane	7.08	117	29	N.D.
26) Nitrobenzene	7.30	77	71	N.D.
27) Isophorone	0.00	82	0	N.D.
28) 2-Nitrophenol	7.70	139	25	N.D.

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121017.D Vial: 38
Acq On : 21 Nov 2006 16:03 Operator: LPM
Sample : JPL22-019 EB-8-11/6/06 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:23 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.83	107	30	N.D.	
30)	bis(2-Chloroethoxy)methane	7.86	93	88	N.D.	
31)	Benzoic acid	7.99	105	26	Below Cal #	45
32)	2,4-Dichlorophenol	7.89	162	23	N.D.	
33)	1,2,4-Trichlorobenzene	8.02	180	12	N.D.	
34)	Naphthalene	8.15	128	147	N.D.	
35)	4-Chloroaniline	8.26	127	14	N.D.	
36)	Hexachlorobutadiene	8.44	225	15	N.D.	
37)	Caprolactam	8.80	113	45	N.D.	
38)	4-Chloro-3-methylphenol	8.96	107	31	N.D.	
39)	2-Methylnaphthalene	9.05	142	40	N.D.	
41)	1-Methylnaphthalene	9.15	142	11	N.D.	
42)	Hexachlorocyclopentadiene	9.24	237	14	1.03 ng/ul#	30
43)	1,2,4,5-Tetrachlorobenzene	9.14	216	16	N.D.	
44)	2,4,6-Trichlorophenol	0.00	196	0	N.D.	
45)	2,4,5-Trichlorophenol	9.68	196	15	N.D.	
47)	1,1'-Biphenyl	9.67	154	514	N.D.	
48)	2-Chloronaphthalene	9.68	162	12	N.D.	
49)	2-Nitroaniline	9.90	65	54	N.D.	
50)	Dimethylphthalate	10.18	163	15	N.D.	
51)	1,4-Dinitrobenzene	9.85	168	36	N.D.	
52)	1,3-Dinitrobenzene	10.21	168	16	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.29	152	16	N.D.	
55)	1,2-Dinitrobenzene	10.34	168	20	N.D.	
56)	3-Nitroaniline	10.43	138	18	N.D.	
57)	Acenaphthene	10.40	153	15	N.D.	
58)	2,4-Dinitrophenol	0.00	184	0	N.D.	
59)	4-Nitrophenol	10.72	109	16	1.57 ng/uL#	14
60)	Dibenzofuran	10.70	168	59	N.D.	
61)	2,4-Dinitrotoluene	10.81	165	52	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.72	232	13	N.D.	
63)	2,3,4,6-tetrachlorophenol	0.00	232	0	N.D.	
64)	Diethylphthalate	11.05	149	761	N.D.	
65)	Fluorene	11.16	166	61	N.D.	
66)	4-Chlorophenyl-phenylether	11.11	204	14	N.D.	
67)	4-Nitroaniline	11.20	138	20	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.09	198	15	N.D.	
70)	N-nitrosodiphenylamine	11.49	169	1398	N.D.	
71)	1,2-Diphenylhydrazine	11.34	77	72	N.D.	
73)	4-Bromophenyl-phenylether	11.70	248	15	N.D.	
74)	Hexachlorobenzene	0.00	284	0	N.D.	
75)	Atrazine	0.00	200	0	N.D.	
76)	Pentachlorophenol	12.34	266	15	N.D.	
77)	Phenanthrene	12.29	178	16	N.D.	
78)	Anthracene	12.29	178	16	N.D.	
79)	Carbazole	12.67	167	215	N.D.	
80)	Di-n-butylphthalate	13.17	149	1110	N.D.	
81)	Fluoranthene	13.95	202	26	N.D.	
83)	Benzidine	14.31	184	12	3.97 ng/ul	67
84)	Pyrene	14.36	202	68	N.D.	
86)	Butylbenzylphthalate	15.43	149	355	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	524	N.D.	
88)	3,3'-Dichlorobenzidine	16.48	252	16	N.D.	
89)	Benzo[a]anthracene	16.49	228	498	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121017.D Vial: 38
Acq On : 21 Nov 2006 16:03 Operator: LPM
Sample : JPL22-019 EB-8-11/6/06 Inst : Zooey
Misc : 5970Z 1010ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:23 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 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	1591	N.D.	
91)	Chrysene	16.49	228	498	N.D.	
93)	Di-n-octylphthalate	17.98	149	233	N.D.	
94)	Benzo[b]fluoranthene	18.94	252	52	N.D.	
95)	Benzo[k]fluoranthene	19.01	252	65	N.D.	
96)	Benzo[a]pyrene	19.70	252	90	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.55	276	38	N.D.	
98)	Dibenz[a,h]anthracene	22.57	278	34	N.D.	
99)	Benzo[g,h,i]perylene	23.14	276	29	N.D.	

(#) = qualifier out of range (m) = manual integration
Z1121017.D Z8270M.M Wed Nov 22 07:23:34 2006

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SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-3

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

SDG No.: JPL22 Run Sequence: R012833

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-021

Sample wt/vol: 990.0 (g/mL) mL Lab File ID: Z1121018.D

Level: (LOW/MED) Date Collected: 11/07/2006

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

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

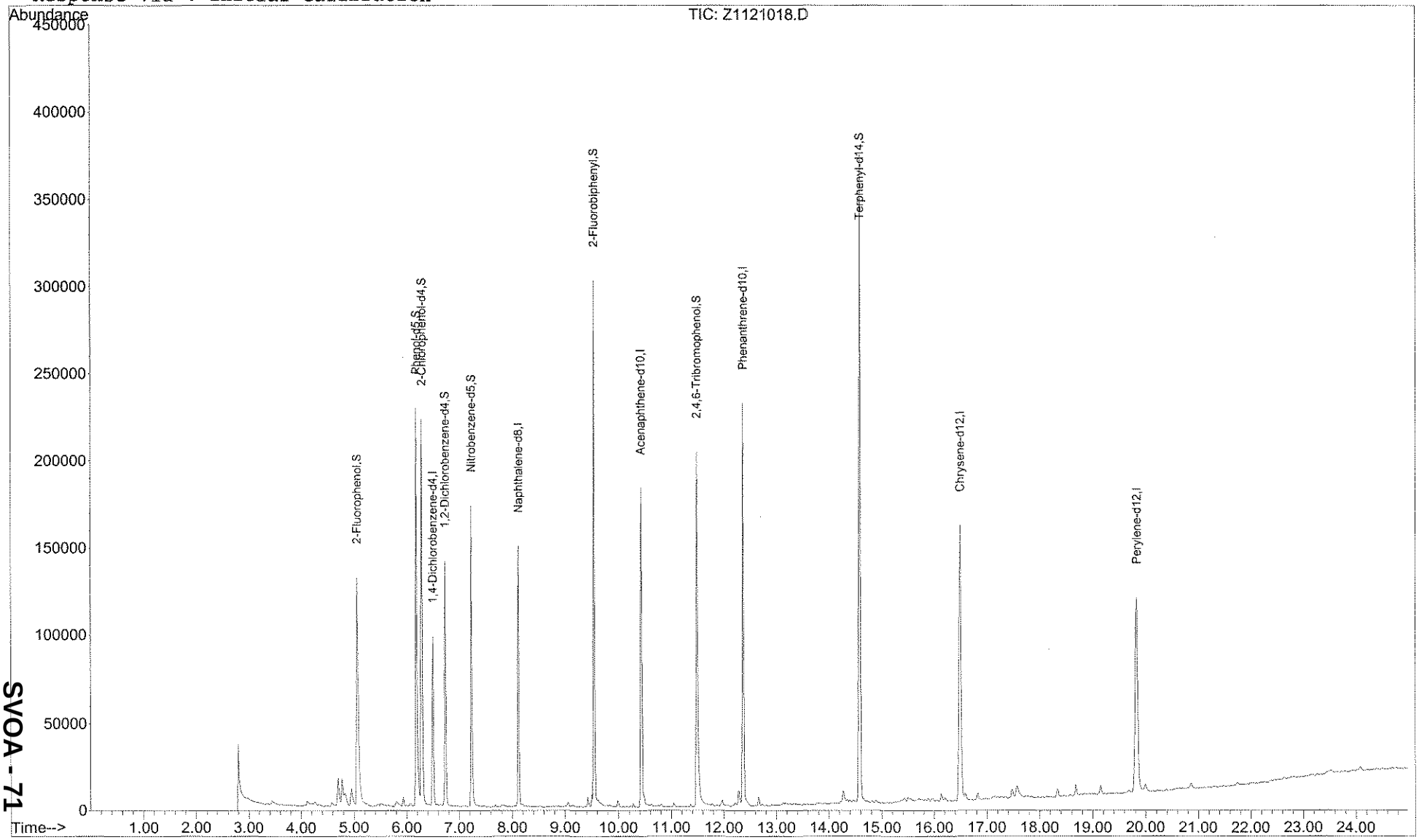
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121018.D Vial: 39
Acq On : 21 Nov 2006 16:39 Operator: LPM
Sample : JPL22-021 MW-3-3 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:23 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration



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Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121018.D Vial: 39
Acq On : 21 Nov 2006 16:39 Operator: LPM
Sample : JPL22-021 MW-3-3 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:23 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 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	28134	20.00	ng/ul	-0.02 NA%
24) Naphthalene-d8	8.12	136	111422	20.00	ng/ul	-0.02 NA%
40) Acenaphthene-d10	10.43	164	69044	20.00	ng/ul	-0.03 NA%
68) Phenanthrene-d10	12.37	188	135942	20.00	ng/ul	-0.03 NA%
82) Chrysene-d12	16.49	240	121087	20.00	ng/ul	-0.05 NA%
92) Perylene-d12	19.83	264	112213	20.00	ng/ul	-0.05 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	79940	48.18	ng/ul	-0.03
Spiked Amount 75.000	Range 20 - 110		Recovery = 64.24%			
7) Phenol-d5	6.18	99	118755	52.79	ng/ul	-0.02
Spiked Amount 75.000	Range 10 - 115		Recovery = 70.39%			
11) 2-Chlorophenol-d4	6.29	132	104762	52.85	ng/ul	-0.02
Spiked Amount 75.000	Range 48 - 117		Recovery = 70.47%			
15) 1,2-Dichlorobenzene-d4	6.73	152	32910	27.49	ng/ul	-0.03
Spiked Amount 50.000	Range 38 - 82		Recovery = 54.98%			
25) Nitrobenzene-d5	7.23	82	73451	36.01	ng/ul	-0.03
Spiked Amount 50.000	Range 40 - 110		Recovery = 72.02%			
46) 2-Fluorobiphenyl	9.55	172	143461	33.57	ng/ul	-0.03
Spiked Amount 50.000	Range 50 - 100		Recovery = 67.14%			
72) 2,4,6-Tribromophenol	11.49	330	42234	42.08	ng/ul	-0.03
Spiked Amount 75.000	Range 40 - 125		Recovery = 56.11%			
85) Terphenyl-d14	14.58	244	229976	39.90	ng/ul	-0.03
Spiked Amount 50.000	Range 50 - 135		Recovery = 79.80%			

Target Compounds				Qvalue
2) 1,4-Dioxane	0.00	88	0	N.D.
3) N-nitrosodimethylamine	3.45	74	20	N.D.
4) Pyridine	3.48	79	15	N.D.
6) Benzaldehyde	5.97	77	243	N.D.
8) Phenol	6.20	94	330	N.D.
9) Aniline	6.09	93	43	N.D.
10) Bis(2-Chloroethyl)ether	6.29	93	186	N.D.
12) 2-Chlorophenol	6.29	128	58	N.D.
13) 1,3-Dichlorobenzene	6.30	146	33	N.D.
14) 1,4-Dichlorobenzene	6.51	146	47	N.D.
16) Benzyl alcohol	6.73	108	189	N.D.
17) 1,2-Dichlorobenzene	6.74	146	66	N.D.
18) 2-Methylphenol	6.92	108	29	N.D.
19) Bis(2-chloroisopropyl)ethe	6.95	45	54	N.D.
20) 3 & 4-Methylphenol	6.92	108	29	N.D.
21) Acetophenone	7.03	105	37	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	257	N.D.
27) Isophorone	0.00	82	0	N.D.
28) 2-Nitrophenol	7.58	139	19	N.D.

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121018.D Vial: 39
Acq On : 21 Nov 2006 16:39 Operator: LPM
Sample : JPL22-021 MW-3-3 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:23 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.67	107	47	N.D.	
30)	bis(2-Chloroethoxy)methane	7.86	93	16	N.D.	
31)	Benzoic acid	8.02	105	107	Below Cal #	80
32)	2,4-Dichlorophenol	7.88	162	14	N.D.	
33)	1,2,4-Trichlorobenzene	8.06	180	42	N.D.	
34)	Naphthalene	8.14	128	56	N.D.	
35)	4-Chloroaniline	8.23	127	22	N.D.	
36)	Hexachlorobutadiene	8.41	225	13	N.D.	
37)	Caprolactam	8.64	113	15	N.D.	
38)	4-Chloro-3-methylphenol	8.96	107	30	N.D.	
39)	2-Methylnaphthalene	9.02	142	15	N.D.	
41)	1-Methylnaphthalene	9.36	142	13	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	9.29	196	21	N.D.	
45)	2,4,5-Trichlorophenol	9.68	196	12	N.D.	
47)	1,1'-Biphenyl	9.67	154	529	N.D.	
48)	2-Chloronaphthalene	9.62	162	27	N.D.	
49)	2-Nitroaniline	9.88	65	115	N.D.	
50)	Dimethylphthalate	10.17	163	43	N.D.	
51)	1,4-Dinitrobenzene	9.91	168	15	N.D.	
52)	1,3-Dinitrobenzene	10.14	168	13	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.20	152	36	N.D.	
55)	1,2-Dinitrobenzene	10.35	168	46	N.D.	
56)	3-Nitroaniline	10.35	138	45	N.D.	
57)	Acenaphthene	10.47	153	14	N.D.	
58)	2,4-Dinitrophenol	10.55	184	14	3.83 ng/ul#	35
59)	4-Nitrophenol	10.73	109	29	1.59 ng/uL#	1
60)	Dibenzofuran	10.73	168	14	N.D.	
61)	2,4-Dinitrotoluene	10.68	165	32	N.D.	
62)	2,3,5,6-tetrachlorophenol	10.88	232	14	N.D.	
63)	2,3,4,6-tetrachlorophenol	10.88	232	14	N.D.	
64)	Diethylphthalate	11.05	149	881	N.D.	
65)	Fluorene	11.28	166	31	N.D.	
66)	4-Chlorophenyl-phenylether	11.12	204	33	N.D.	
67)	4-Nitroaniline	11.23	138	22	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.34	198	14	N.D.	
70)	N-nitrosodiphenylamine	11.49	169	1325	N.D.	
71)	1,2-Diphenylhydrazine	11.31	77	103	N.D.	
73)	4-Bromophenyl-phenylether	11.72	248	15	N.D.	
74)	Hexachlorobenzene	11.94	284	24	N.D.	
75)	Atrazine	12.02	200	15	N.D.	
76)	Pentachlorophenol	12.35	266	15	N.D.	
77)	Phenanthrene	12.50	178	31	N.D.	
78)	Anthracene	12.50	178	31	N.D.	
79)	Carbazole	12.66	167	99	N.D.	
80)	Di-n-butylphthalate	13.17	149	1097	N.D.	
81)	Fluoranthene	14.08	202	27	N.D.	
83)	Benzidine	14.32	184	20	3.98 ng/ul	67
84)	Pyrene	14.37	202	45	N.D.	
86)	Butylbenzylphthalate	15.43	149	155	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	303	N.D.	
88)	3,3'-Dichlorobenzidine	16.55	252	15	N.D.	
89)	Benzo[a]anthracene	16.49	228	378	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121018.D Vial: 39
Acq On : 21 Nov 2006 16:39 Operator: LPM
Sample : JPL22-021 MW-3-3 Inst : Zooey
Misc : 5970Z 990ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:23 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.58	149	1752	N.D.	
91)	Chrysene	16.49	228	378	N.D.	
93)	Di-n-octylphthalate	17.98	149	574	N.D.	
94)	Benzo[b]fluoranthene	18.92	252	16	N.D.	
95)	Benzo[k]fluoranthene	18.98	252	64	N.D.	
96)	Benzo[a]pyrene	19.71	252	46	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.60	276	15	N.D.	
98)	Dibenz[a,h]anthracene	22.55	278	15	N.D.	
99)	Benzo[g,h,i]perylene	23.11	276	18	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-2

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

SDG No.: JPL22 Run Sequence: R012833

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-022

Sample wt/vol: 950.0 (g/mL) mL Lab File ID: Z1121019.D

Level: (LOW/MED) Date Collected: 11/07/2006

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

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

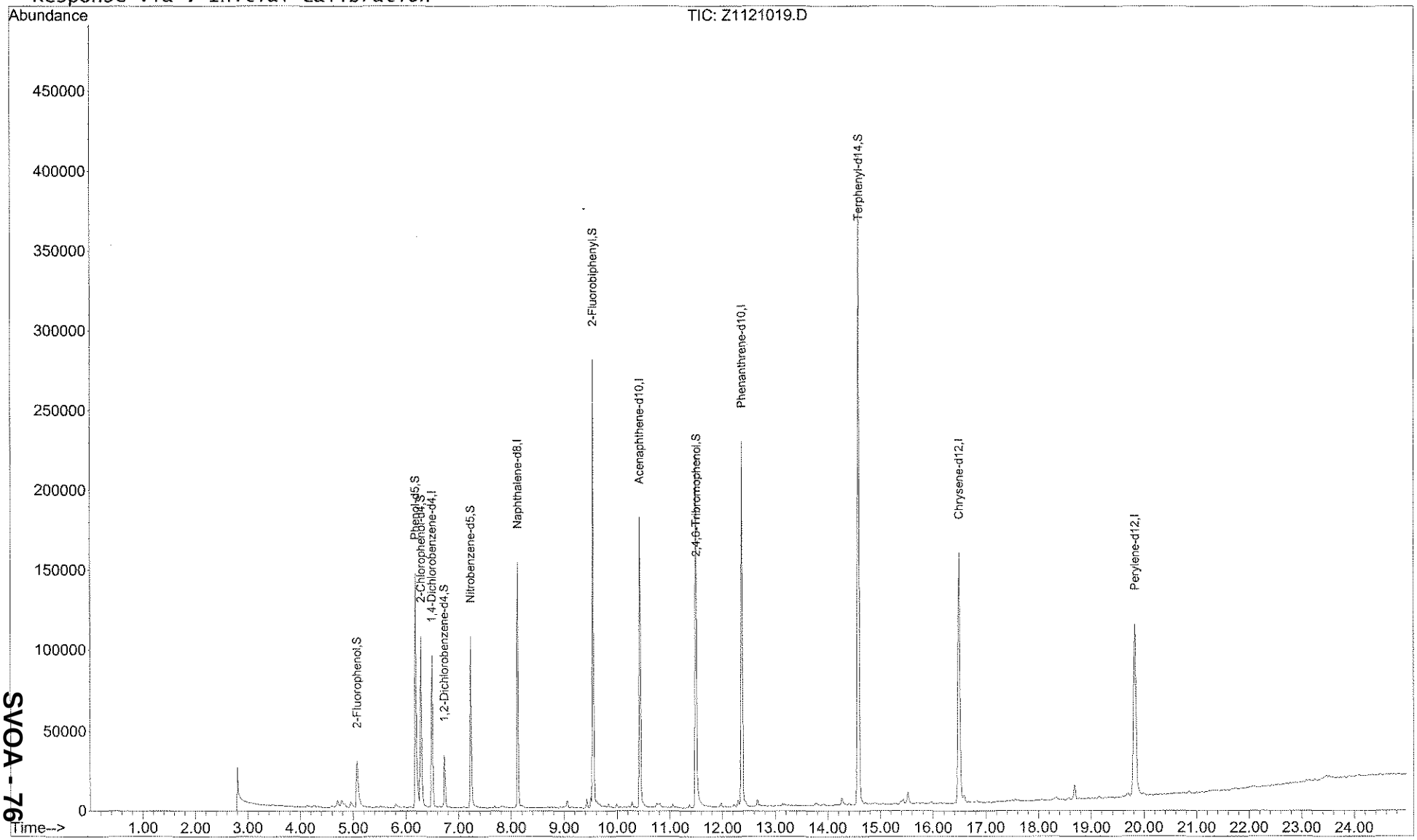
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.6	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121019.D Vial: 40
Acq On : 21 Nov 2006 17:14 Operator: LPM
Sample : JPL22-022 MW-3-2 Inst : Zooey
Misc : 5970Z 950ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:24 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration



SVOA - 76

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121019.D Vial: 40
Acq On : 21 Nov 2006 17:14 Operator: LPM
Sample : JPL22-022 MW-3-2 Inst : Zooey
Misc : 5970Z 950ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:24 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 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	26999	20.00	ng/ul	-0.02 NA%
24) Naphthalene-d8	8.12	136	111614	20.00	ng/ul	-0.02 NA%
40) Acenaphthene-d10	10.43	164	69515	20.00	ng/ul	-0.03 NA%
68) Phenanthrene-d10	12.37	188	136024	20.00	ng/ul	-0.03 NA%
82) Chrysene-d12	16.49	240	122842	20.00	ng/ul	-0.05 NA%
92) Perylene-d12	19.83	264	110805	20.00	ng/ul	-0.05 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	22498	14.13	ng/ul	-0.02
Spiked Amount 75.000	Range 20 - 110		Recovery = 18.84%#			
7) Phenol-d5	6.18	99	81115	37.57	ng/ul	-0.02
Spiked Amount 75.000	Range 10 - 115		Recovery = 50.09%			
11) 2-Chlorophenol-d4	6.29	132	47035	24.73	ng/ul	-0.02
Spiked Amount 75.000	Range 48 - 117		Recovery = 32.97%#			
15) 1,2-Dichlorobenzene-d4	6.73	152	8375	7.29	ng/ul	-0.03
Spiked Amount 50.000	Range 38 - 82		Recovery = 14.58%#			
25) Nitrobenzene-d5	7.23	82	46156	22.59	ng/ul	-0.03
Spiked Amount 50.000	Range 40 - 110		Recovery = 45.18%			
46) 2-Fluorobiphenyl	9.55	172	132952	30.90	ng/ul	-0.03
Spiked Amount 50.000	Range 50 - 100		Recovery = 61.80%			
72) 2,4,6-Tribromophenol	11.50	330	47432	47.23	ng/ul	-0.02
Spiked Amount 75.000	Range 40 - 125		Recovery = 62.97%			
85) Terphenyl-d14	14.58	244	262275	44.85	ng/ul	-0.03
Spiked Amount 50.000	Range 50 - 135		Recovery = 89.70%			

Target Compounds				Qvalue
2) 1,4-Dioxane	3.12	88	50	N.D.
3) N-nitrosodimethylamine	3.41	74	170	N.D.
4) Pyridine	3.50	79	73	N.D.
6) Benzaldehyde	6.00	77	108	N.D.
8) Phenol	6.20	94	232	N.D.
9) Aniline	6.15	93	34	N.D.
10) Bis(2-Chloroethyl)ether	6.29	93	122	N.D.
12) 2-Chlorophenol	6.47	128	26	N.D.
13) 1,3-Dichlorobenzene	0.00	146	0	N.D.
14) 1,4-Dichlorobenzene	6.62	146	12	N.D.
16) Benzyl alcohol	6.73	108	63	N.D.
17) 1,2-Dichlorobenzene	6.74	146	20	N.D.
18) 2-Methylphenol	6.94	108	16	N.D.
19) Bis(2-chloroisopropyl)ethe	6.82	45	285	N.D.
20) 3 & 4-Methylphenol	7.26	108	17	N.D.
21) Acetophenone	7.06	105	77	N.D.
22) n-Nitroso-di-n-propylamine	6.95	70	141	N.D.
23) Hexachloroethane	7.04	117	19	N.D.
26) Nitrobenzene	7.23	77	435	N.D.
27) Isophorone	7.64	82	36	N.D.
28) 2-Nitrophenol	7.65	139	16	N.D.

(#) = qualifier out of range (m) = manual integration
Z1121019.D Z8270M.M Wed Nov 22 07:24:03 2006

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121019.D Vial: 40
Acq On : 21 Nov 2006 17:14 Operator: LPM
Sample : JPL22-022 MW-3-2 Inst : Zooey
Misc : 5970Z 950ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:24 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29)	2,4-Dimethylphenol	7.73	107	13	N.D.	
30)	bis(2-Chloroethoxy)methane	7.82	93	16	N.D.	
31)	Benzoic acid	8.05	105	322	Below Cal #	59
32)	2,4-Dichlorophenol	8.15	162	15	N.D.	
33)	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
34)	Naphthalene	8.14	128	66	N.D.	
35)	4-Chloroaniline	8.23	127	15	N.D.	
36)	Hexachlorobutadiene	8.33	225	12	N.D.	
37)	Caprolactam	8.76	113	107	N.D.	
38)	4-Chloro-3-methylphenol	8.94	107	35	N.D.	
39)	2-Methylnaphthalene	9.09	142	15	N.D.	
41)	1-Methylnaphthalene	9.17	142	16	N.D.	
42)	Hexachlorocyclopentadiene	9.33	237	11	1.02 ng/ul#	30
43)	1,2,4,5-Tetrachlorobenzene	9.27	216	12	N.D.	
44)	2,4,6-Trichlorophenol	9.46	196	14	N.D.	
45)	2,4,5-Trichlorophenol	9.46	196	14	N.D.	
47)	1,1'-Biphenyl	9.67	154	491	N.D.	
48)	2-Chloronaphthalene	9.68	162	46	N.D.	
49)	2-Nitroaniline	9.84	65	145	N.D.	
50)	Dimethylphthalate	10.14	163	20	N.D.	
51)	1,4-Dinitrobenzene	10.06	168	15	N.D.	
52)	1,3-Dinitrobenzene	10.17	168	11	N.D.	
53)	2,6-Dinitrotoluene	0.00	165	0	N.D.	
54)	Acenaphthylene	10.24	152	14	N.D.	
55)	1,2-Dinitrobenzene	10.35	168	51	N.D.	
56)	3-Nitroaniline	10.52	138	17	N.D.	
57)	Acenaphthene	10.49	153	40	N.D.	
58)	2,4-Dinitrophenol	10.67	184	12	3.83 ng/ul#	3
59)	4-Nitrophenol	10.73	109	22	1.58 ng/uL#	1
60)	Dibenzofuran	10.59	168	15	N.D.	
61)	2,4-Dinitrotoluene	10.71	165	17	N.D.	
62)	2,3,5,6-tetrachlorophenol	11.03	232	11	N.D.	
63)	2,3,4,6-tetrachlorophenol	11.03	232	11	N.D.	
64)	Diethylphthalate	11.05	149	859	N.D.	
65)	Fluorene	11.15	166	39	N.D.	
66)	4-Chlorophenyl-phenylether	11.12	204	15	N.D.	
67)	4-Nitroaniline	11.05	138	14	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.31	198	14	N.D.	
70)	N-nitrosodiphenylamine	11.49	169	1513	N.D.	
71)	1,2-Diphenylhydrazine	11.37	77	29	N.D.	
73)	4-Bromophenyl-phenylether	11.76	248	13	N.D.	
74)	Hexachlorobenzene	12.03	284	14	N.D.	
75)	Atrazine	12.02	200	16	N.D.	
76)	Pentachlorophenol	12.26	266	15	N.D.	
77)	Phenanthrene	12.26	178	19	N.D.	
78)	Anthracene	12.26	178	19	N.D.	
79)	Carbazole	12.67	167	126	N.D.	
80)	Di-n-butylphthalate	13.17	149	1105	N.D.	
81)	Fluoranthene	13.88	202	20	N.D.	
83)	Benzidine	14.22	184	17	3.97 ng/ul	67
84)	Pyrene	14.43	202	15	N.D.	
86)	Butylbenzylphthalate	15.43	149	223	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	613	N.D.	
88)	3,3'-Dichlorobenzidine	16.39	252	15	N.D.	
89)	Benzo[a]anthracene	16.49	228	424	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121019.D Vial: 40
Acq On : 21 Nov 2006 17:14 Operator: LPM
Sample : JPL22-022 MW-3-2 Inst : Zooey
Misc : 5970Z 950ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:24 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 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	2058	N.D.	
91)	Chrysene	16.49	228	424	N.D.	
93)	Di-n-octylphthalate	17.97	149	860	N.D.	
94)	Benzo[b]fluoranthene	18.94	252	38	N.D.	
95)	Benzo[k]fluoranthene	18.94	252	38	N.D.	
96)	Benzo[a]pyrene	19.68	252	97	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.60	276	11	N.D.	
98)	Dibenz[a,h]anthracene	22.56	278	21	N.D.	
99)	Benzo[g,h,i]perylene	22.94	276	11	N.D.	

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

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-2-4Q06

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

SDG No.: JPL22 Run Sequence: R012883

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-023

Sample wt/vol: 990.0 (g/mL) mL Lab File ID: Z1122006.D

Level: (LOW/MED) Date Collected: 11/07/2006

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

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

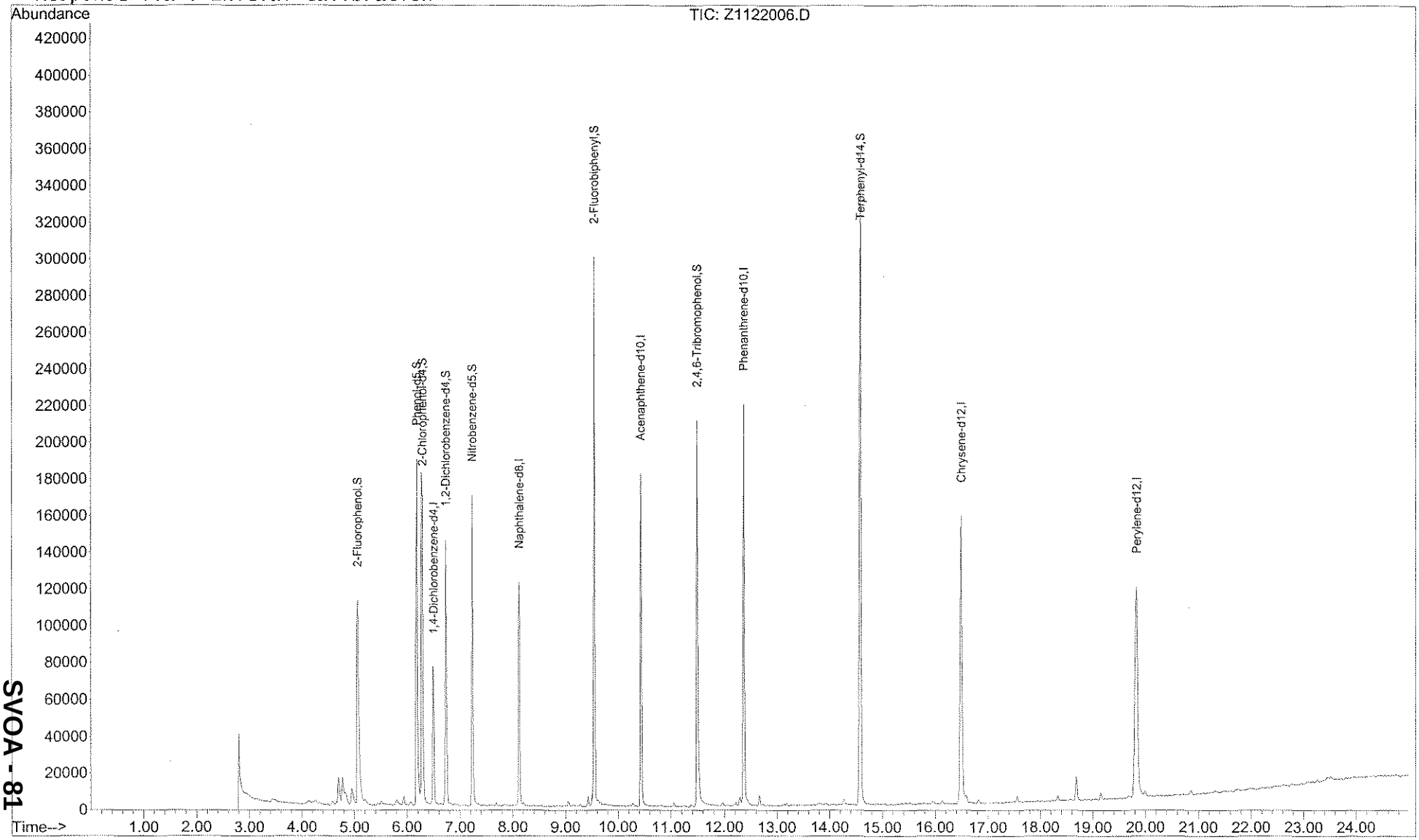
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122006.D Vial: 4
Acq On : 22 Nov 2006 15:28 Operator: AP
Sample : JPL22-023 DUPE-2-4Q06 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 - 81

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122006.D Vial: 4
Acq On : 22 Nov 2006 15:28 Operator: AP
Sample : JPL22-023 DUPE-2-4Q06 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	24635	20.00	ng/ul	0.00 NA%
24) Naphthalene-d8	8.12	136	102634	20.00	ng/ul	0.00 NA%
40) Acenaphthene-d10	10.43	164	62731	20.00	ng/ul	-0.02 NA%
68) Phenanthrene-d10	12.37	188	128515	20.00	ng/ul	0.00 NA%
82) Chrysene-d12	16.49	240	123712	20.00	ng/ul	-0.02 NA%
92) Perylene-d12	19.83	264	118387	20.00	ng/ul	0.00 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	79234	54.54	ng/ul	0.00
Spiked Amount 75.000	Range 20 - 110		Recovery = 72.72%			
7) Phenol-d5	6.18	99	112655	57.19	ng/ul	0.00
Spiked Amount 75.000	Range 10 - 115		Recovery = 76.25%			
11) 2-Chlorophenol-d4	6.29	132	98805	56.93	ng/ul	0.00
Spiked Amount 75.000	Range 48 - 117		Recovery = 75.91%			
15) 1,2-Dichlorobenzene-d4	6.73	152	32371	30.88	ng/ul	0.00
Spiked Amount 50.000	Range 38 - 82		Recovery = 61.76%			
25) Nitrobenzene-d5	7.23	82	69778	37.14	ng/ul	0.00
Spiked Amount 50.000	Range 40 - 110		Recovery = 74.28%			
46) 2-Fluorobiphenyl	9.55	172	136242	35.09	ng/ul	0.00
Spiked Amount 50.000	Range 50 - 100		Recovery = 70.18%			
72) 2,4,6-Tribromophenol	11.49	330	41455	43.69	ng/ul	0.00
Spiked Amount 75.000	Range 40 - 125		Recovery = 58.25%			
85) Terphenyl-d14	14.58	244	222498	37.78	ng/ul	0.01
Spiked Amount 50.000	Range 50 - 135		Recovery = 75.56%			

Target Compounds				Qvalue
2) 1,4-Dioxane	2.98	88	176	N.D.
3) N-nitrosodimethylamine	3.44	74	55	N.D.
4) Pyridine	3.48	79	22	N.D.
6) Benzaldehyde	5.95	77	177	N.D.
8) Phenol	6.20	94	266	N.D.
9) Aniline	6.18	93	18	N.D.
10) Bis(2-Chloroethyl)ether	6.18	93	18	N.D.
12) 2-Chlorophenol	6.26	128	79	N.D.
13) 1,3-Dichlorobenzene	6.45	146	91	N.D.
14) 1,4-Dichlorobenzene	6.52	146	49	N.D.
16) Benzyl alcohol	6.73	108	268	N.D.
17) 1,2-Dichlorobenzene	6.74	146	61	N.D.
18) 2-Methylphenol	6.89	108	42	N.D.
19) Bis(2-chloroisopropyl)ethe	6.97	45	98	N.D.
20) 3 & 4-Methylphenol	7.20	108	13	N.D.
21) Acetophenone	7.08	105	116	N.D.
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.
23) Hexachloroethane	7.14	117	14	N.D.
26) Nitrobenzene	7.23	77	426	N.D.
27) Isophorone	0.00	82	0	N.D.
28) 2-Nitrophenol	7.76	139	15	N.D.

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122006.D Vial: 4
Acq On : 22 Nov 2006 15:28 Operator: AP
Sample : JPL22-023 DUPE-2-4Q06 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	7.71	107	33	N.D.	
30)	bis(2-Chloroethoxy)methane	7.85	93	19	N.D.	
31)	Benzoic acid	7.96	105	103	Below Cal #	53
32)	2,4-Dichlorophenol	0.00	162	0	N.D.	
33)	1,2,4-Trichlorobenzene	8.06	180	17	N.D.	
34)	Naphthalene	8.14	128	80	N.D.	
35)	4-Chloroaniline	0.00	127	0	N.D.	
36)	Hexachlorobutadiene	8.43	225	11	N.D.	
37)	Caprolactam	8.76	113	43	N.D.	
38)	4-Chloro-3-methylphenol	8.97	107	36	N.D.	
39)	2-Methylnaphthalene	0.00	142	0	N.D.	
41)	1-Methylnaphthalene	9.31	142	35	N.D.	
42)	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
43)	1,2,4,5-Tetrachlorobenzene	9.20	216	10	N.D.	
44)	2,4,6-Trichlorophenol	9.47	196	12	N.D.	
45)	2,4,5-Trichlorophenol	9.47	196	12	N.D.	
47)	1,1'-Biphenyl	9.67	154	521	N.D.	
48)	2-Chloronaphthalene	9.70	162	13	N.D.	
49)	2-Nitroaniline	9.82	65	223	N.D.	
50)	Dimethylphthalate	10.15	163	15	N.D.	
51)	1,4-Dinitrobenzene	9.97	168	15	N.D.	
52)	1,3-Dinitrobenzene	10.23	168	16	N.D.	
53)	2,6-Dinitrotoluene	10.23	165	41	N.D.	
54)	Acenaphthylene	10.18	152	73	N.D.	
55)	1,2-Dinitrobenzene	10.31	168	58	N.D.	
56)	3-Nitroaniline	10.46	138	12	N.D.	
57)	Acenaphthene	10.49	153	22	N.D.	
58)	2,4-Dinitrophenol	10.44	184	15	3.84 ng/ul#	1
59)	4-Nitrophenol	10.65	109	41	1.62 ng/uL#	1
60)	Dibenzofuran	10.81	168	29	N.D.	
61)	2,4-Dinitrotoluene	10.69	165	26	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	856	N.D.	
65)	Fluorene	11.16	166	31	N.D.	
66)	4-Chlorophenyl-phenylether	11.25	204	26	N.D.	
67)	4-Nitroaniline	11.23	138	15	N.D.	
69)	4,6-Dinitro-2-methylphenol	11.35	198	15	N.D.	
70)	N-nitrosodiphenylamine	0.00	169	0	N.D.	
71)	1,2-Diphenylhydrazine	11.31	77	116	N.D.	
73)	4-Bromophenyl-phenylether	11.73	248	32	N.D.	
74)	Hexachlorobenzene	0.00	284	0	N.D.	
75)	Atrazine	11.97	200	21	N.D.	
76)	Pentachlorophenol	12.26	266	14	N.D.	
77)	Phenanthrene	12.52	178	53	N.D.	
78)	Anthracene	12.52	178	53	N.D.	
79)	Carbazole	12.67	167	163	N.D.	
80)	Di-n-butylphthalate	13.17	149	900	N.D.	
81)	Fluoranthene	14.04	202	67	N.D.	
83)	Benzidine	14.31	184	16	3.97 ng/ul	67
84)	Pyrene	14.37	202	61	N.D.	
86)	Butylbenzylphthalate	15.28	149	185	N.D.	
87)	Bis(2-ethylhexyl)adipate	15.54	129	303	N.D.	
88)	3,3'-Dichlorobenzidine	16.46	252	16	N.D.	
89)	Benzo[a]anthracene	16.49	228	483	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112206\Z1122006.D Vial: 4
Acq On : 22 Nov 2006 15:28 Operator: AP
Sample : JPL22-023 DUPE-2-4Q06 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	16.58	149	1525	N.D.	
91)	Chrysene	16.49	228	482	N.D.	
93)	Di-n-octylphthalate	17.95	149	390	N.D.	
94)	Benzo[b]fluoranthene	18.89	252	14	N.D.	
95)	Benzo[k]fluoranthene	18.95	252	15	N.D.	
96)	Benzo[a]pyrene	19.73	252	18	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.53	276	14	N.D.	
98)	Dibenz[a,h]anthracene	22.56	278	15	N.D.	
99)	Benzo[g,h,i]perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration
Z1122006.D Z8270M.M Mon Nov 27 09:51:48 2006

1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-9-11/7/06

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

SDG No.: JPL22 Run Sequence: R012833

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-024

Sample wt/vol: 1020.0 (g/mL) mL Lab File ID: Z1121021.D

Level: (LOW/MED) Date Collected: 11/07/2006

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

Concentrated Extract Volume: 1000 (uL) Date Analyzed: 11/21/2006

Injection Volume: 2.0 (uL) Dilution Factor: 1.0

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

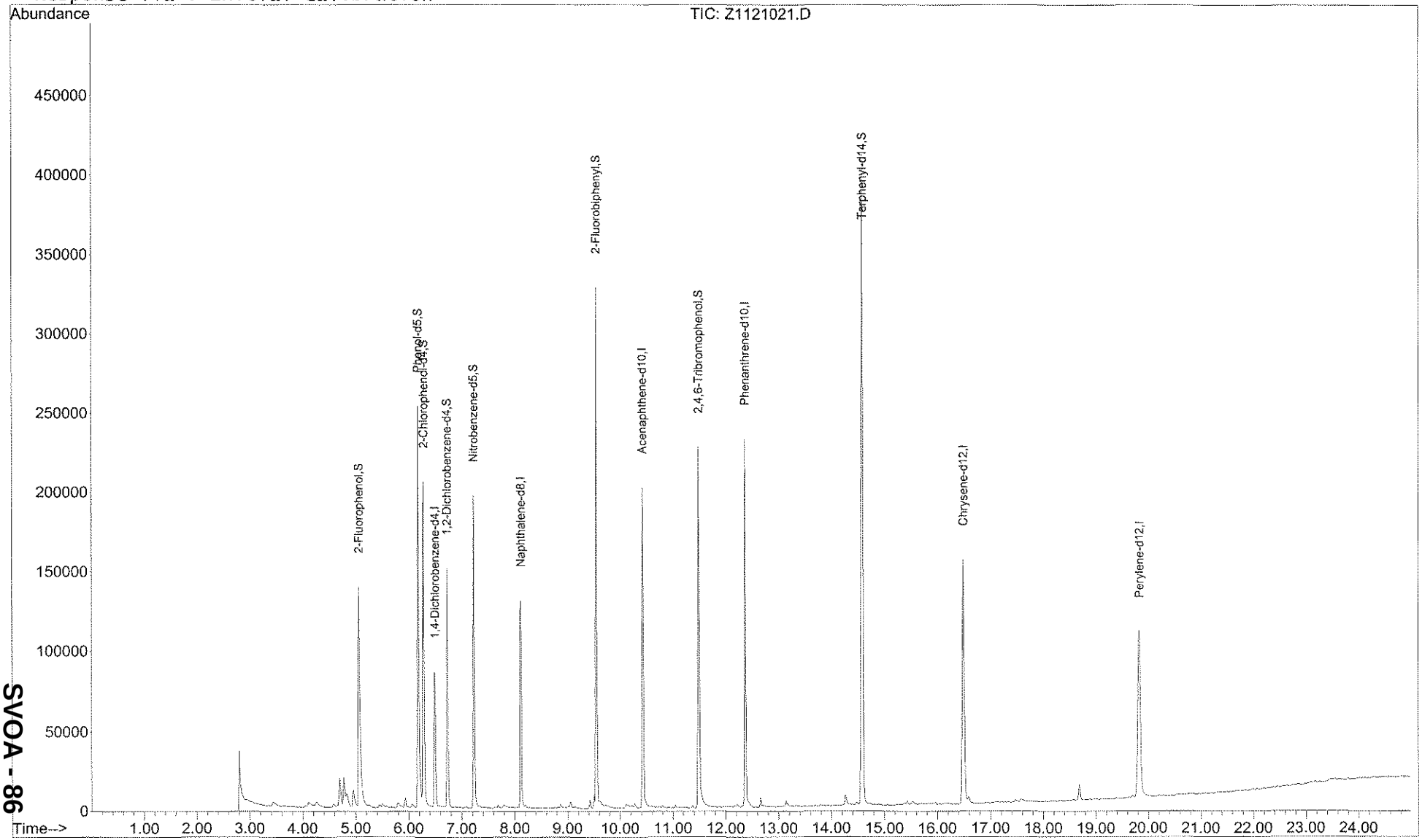
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
123-91-1	1,4-Dioxane	1.5	U

Comments:

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121021.D Vial: 42
Acq On : 21 Nov 2006 18:26 Operator: LPM
Sample : JPL22-024 EB-9-11/7/06 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:24 2006 Quant Results File: Z8270M.RES

Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration



SVOA - 86

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121021.D Vial: 42
Acq On : 21 Nov 2006 18:26 Operator: LPM
Sample : JPL22-024 EB-9-11/7/06 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:24 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 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	27529	20.00	ng/ul	-0.02 NA%
24) Naphthalene-d8	8.12	136	112468	20.00	ng/ul	-0.02 NA%
40) Acenaphthene-d10	10.43	164	69098	20.00	ng/ul	-0.03 NA%
68) Phenanthrene-d10	12.37	188	136600	20.00	ng/ul	-0.03 NA%
82) Chrysene-d12	16.49	240	122505	20.00	ng/ul	-0.05 NA%
92) Perylene-d12	19.83	264	110422	20.00	ng/ul	-0.05 NA%
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	88854	54.73	ng/ul	-0.03
Spiked Amount 75.000	Range 20 - 110		Recovery = 72.97%			
7) Phenol-d5	6.18	99	132213	60.06	ng/ul	-0.02
Spiked Amount 75.000	Range 10 - 115		Recovery = 80.08%			
11) 2-Chlorophenol-d4	6.29	132	111000	57.23	ng/ul	-0.02
Spiked Amount 75.000	Range 48 - 117		Recovery = 76.31%			
15) 1,2-Dichlorobenzene-d4	6.73	152	33789	28.84	ng/ul	-0.03
Spiked Amount 50.000	Range 38 - 82		Recovery = 57.68%			
25) Nitrobenzene-d5	7.23	82	80266	38.98	ng/ul	-0.03
Spiked Amount 50.000	Range 40 - 110		Recovery = 77.96%			
46) 2-Fluorobiphenyl	9.55	172	155026	36.25	ng/ul	-0.03
Spiked Amount 50.000	Range 50 - 100		Recovery = 72.50%			
72) 2,4,6-Tribromophenol	11.49	330	46489	46.10	ng/ul	-0.03
Spiked Amount 75.000	Range 40 - 125		Recovery = 61.47%			
85) Terphenyl-d14	14.58	244	261476	44.84	ng/ul	-0.03
Spiked Amount 50.000	Range 50 - 135		Recovery = 89.68%			

Target Compounds				Qvalue
2) 1,4-Dioxane	3.03	88	138	N.D.
3) N-nitrosodimethylamine	3.45	74	21	N.D.
4) Pyridine	3.47	79	45	N.D.
6) Benzaldehyde	5.94	77	97	N.D.
8) Phenol	6.20	94	340	N.D.
9) Aniline	6.09	93	56	N.D.
10) Bis(2-Chloroethyl)ether	6.27	93	209	N.D.
12) 2-Chlorophenol	6.32	128	40	N.D.
13) 1,3-Dichlorobenzene	6.48	146	32	N.D.
14) 1,4-Dichlorobenzene	6.48	146	32	N.D.
16) Benzyl alcohol	6.73	108	240	N.D.
17) 1,2-Dichlorobenzene	6.74	146	17	N.D.
18) 2-Methylphenol	7.06	108	15	N.D.
19) Bis(2-chloroisopropyl)ethe	6.74	45	28	N.D.
20) 3 & 4-Methylphenol	7.11	108	12	N.D.
21) Acetophenone	7.06	105	180	N.D.
22) n-Nitroso-di-n-propylamine	0.00	70	0	N.D.
23) Hexachloroethane	7.15	117	25	N.D.
26) Nitrobenzene	7.23	77	545	N.D.
27) Isophorone	7.52	82	402	N.D.
28) 2-Nitrophenol	7.65	139	14	N.D.

(#) = qualifier out of range (m) = manual integration
Z1121021.D Z8270M.M Wed Nov 22 07:24:32 2006

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121021.D Vial: 42
Acq On : 21 Nov 2006 18:26 Operator: LPM
Sample : JPL22-024 EB-9-11/7/06 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:24 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29) 2,4-Dimethylphenol	7.82	107	21	N.D.	
30) bis(2-Chloroethoxy)methane	7.85	93	39	N.D.	
31) Benzoic acid	7.96	105	77	Below Cal #	39
32) 2,4-Dichlorophenol	7.83	162	45	N.D.	
33) 1,2,4-Trichlorobenzene	8.11	180	16	N.D.	
34) Naphthalene	8.14	128	357	N.D.	
35) 4-Chloroaniline	8.26	127	43	N.D.	
36) Hexachlorobutadiene	8.30	225	11	N.D.	
37) Caprolactam	8.58	113	28	N.D.	
38) 4-Chloro-3-methylphenol	8.96	107	71	N.D.	
39) 2-Methylnaphthalene	9.06	142	92	N.D.	
41) 1-Methylnaphthalene	9.20	142	60	N.D.	
42) Hexachlorocyclopentadiene	9.38	237	10	1.02 ng/ul#	30
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	9.56	196	13	N.D.	
47) 1,1'-Biphenyl	9.67	154	587	N.D.	
48) 2-Chloronaphthalene	9.70	162	17	N.D.	
49) 2-Nitroaniline	9.90	65	42	N.D.	
50) Dimethylphthalate	10.03	163	13	N.D.	
51) 1,4-Dinitrobenzene	10.09	168	15	N.D.	
52) 1,3-Dinitrobenzene	10.23	168	13	N.D.	
53) 2,6-Dinitrotoluene	0.00	165	0	N.D.	
54) Acenaphthylene	10.17	152	24	N.D.	
55) 1,2-Dinitrobenzene	10.34	168	33	N.D.	
56) 3-Nitroaniline	10.41	138	15	N.D.	
57) Acenaphthene	10.47	153	49	N.D.	
58) 2,4-Dinitrophenol	10.52	184	13	3.83 ng/ul#	1
59) 4-Nitrophenol	10.75	109	16	1.57 ng/uL#	22
60) Dibenzofuran	10.70	168	260	N.D.	
61) 2,4-Dinitrotoluene	10.70	165	12	N.D.	
62) 2,3,5,6-tetrachlorophenol	10.87	232	10	N.D.	
63) 2,3,4,6-tetrachlorophenol	10.87	232	10	N.D.	
64) Diethylphthalate	11.05	149	814	N.D.	
65) Fluorene	11.14	166	158	N.D.	
66) 4-Chlorophenyl-phenylether	11.25	204	20	N.D.	
67) 4-Nitroaniline	11.18	138	48	N.D.	
69) 4,6-Dinitro-2-methylphenol	11.22	198	42	N.D.	
70) N-nitrosodiphenylamine	11.49	169	1468	N.D.	
71) 1,2-Diphenylhydrazine	11.32	77	73	N.D.	
73) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
74) Hexachlorobenzene	0.00	284	0	N.D.	
75) Atrazine	12.03	200	12	N.D.	
76) Pentachlorophenol	0.00	266	0	N.D.	
77) Phenanthrene	12.40	178	135	N.D.	
78) Anthracene	12.61	178	13	N.D.	
79) Carbazole	12.73	167	28	N.D.	
80) Di-n-butylphthalate	13.17	149	1190	N.D.	
81) Fluoranthene	14.02	202	45	N.D.	
83) Benzidine	14.05	184	12	3.97 ng/ul	67
84) Pyrene	14.37	202	56	N.D.	
86) Butylbenzylphthalate	15.43	149	450	N.D.	
87) Bis(2-ethylhexyl)adipate	15.54	129	515	N.D.	
88) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
89) Benzo[a]anthracene	16.49	228	419	N.D.	

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

Quantitation Report

Data File : X:\MSABN\ZOOEY\112106\Z1121021.D Vial: 42
Acq On : 21 Nov 2006 18:26 Operator: LPM
Sample : JPL22-024 EB-9-11/7/06 Inst : Zooey
Misc : 5970Z 1020ML->1ML+IS Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 22 7:24 2006 Quant Results File: Z8270M.RES

Quant Method : X:\MSABN\ZOOEY\QUANT\Z8270M.M (RTE Integrator)
Title : 8270 SW846 BNA Calibration 5970Z
Last Update : Wed Nov 22 07:19:02 2006
Response via : Initial Calibration
DataAcq Meth : METHOD.M

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
90)	bis(2-Ethylhexyl)phthalate	16.58	149	1866	N.D.	
91)	Chrysene	16.49	228	419	N.D.	
93)	Di-n-octylphthalate	17.98	149	361	N.D.	
94)	Benzo[b]fluoranthene	18.97	252	110	N.D.	
95)	Benzo[k]fluoranthene	18.97	252	110	N.D.	
96)	Benzo[a]pyrene	19.69	252	77	N.D.	
97)	Indeno[1,2,3-cd]pyrene	22.55	276	34	N.D.	
98)	Dibenz[a,h]anthracene	22.58	278	15	N.D.	
99)	Benzo[g,h,i]perylene	23.13	276	46	N.D.	

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

Sample Results

JPL22

Ordnance by Method 8330

1

ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-4

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

SDG No.: JPL22 Run Sequence: R013089

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-001

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: OB110620.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/01/2006

Extraction: (Type) SPE Date Extracted: 11/06/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/12/2006

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\OB1106.b\OB110620.D

Page 1

Date : 12-NOV-2006 00:32

Client ID: MW-17-4

Instrument: Oscar.i

Sample Info: JPL22-001 METHOD 8330

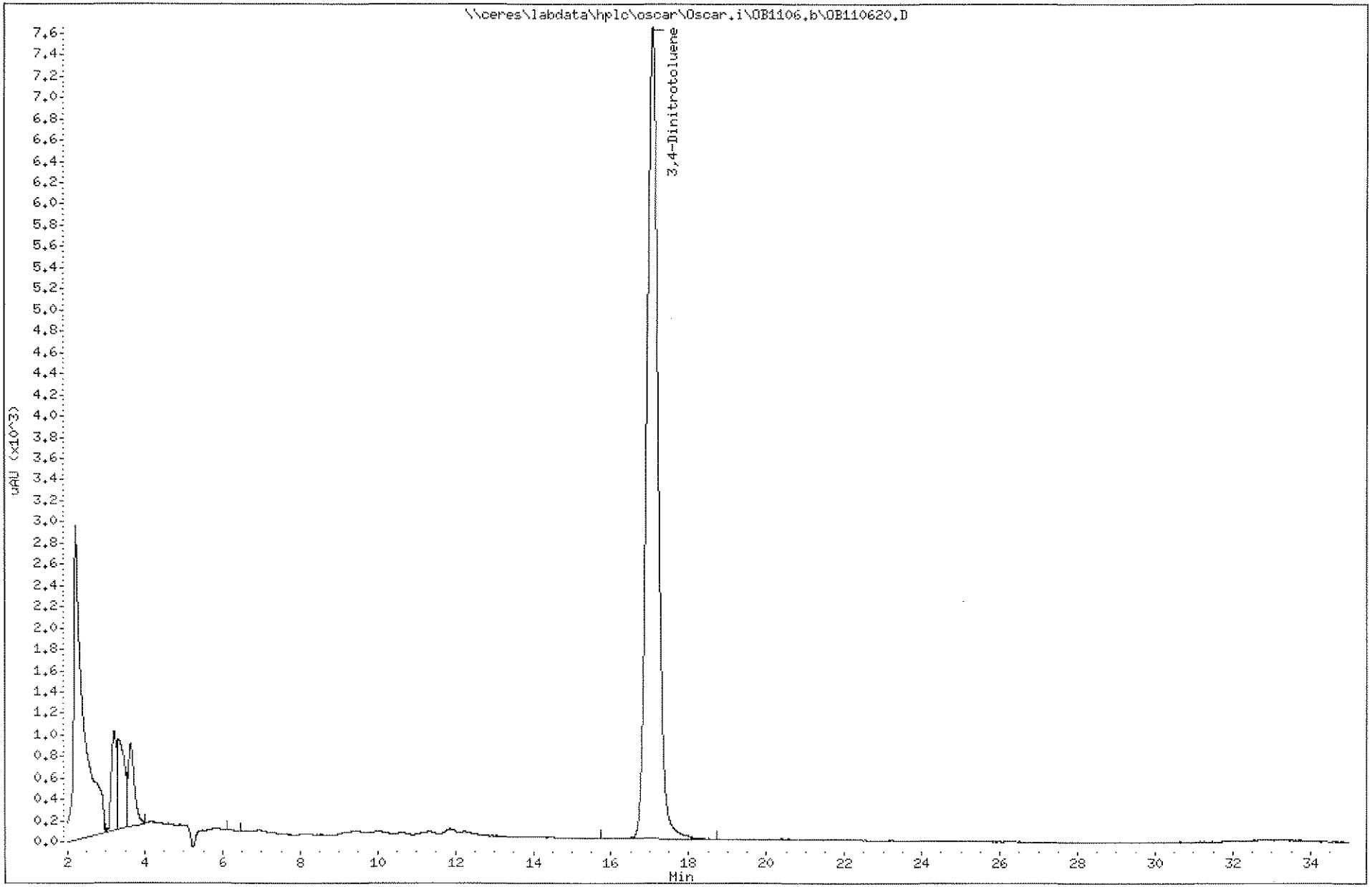
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 10



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1106.b/OB110620.D
Injection Date : 12-NOV-2006 00:32
Sample Info : JPL22-001 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-001 Client ID : MW-17-4
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
	2.22		2847		
	3.22		927		
	3.34		826		
	3.64		764		
	6.19		7		
3,4-Dinitrotoluene	17.06	16.65 - 17.15	7628	979.35	9.79

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-17-3

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

SDG No.: JPL22 Run Sequence: R013089

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-002

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: OB110621.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/01/2006

Extraction: (Type) SPE Date Extracted: 11/06/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/12/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

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

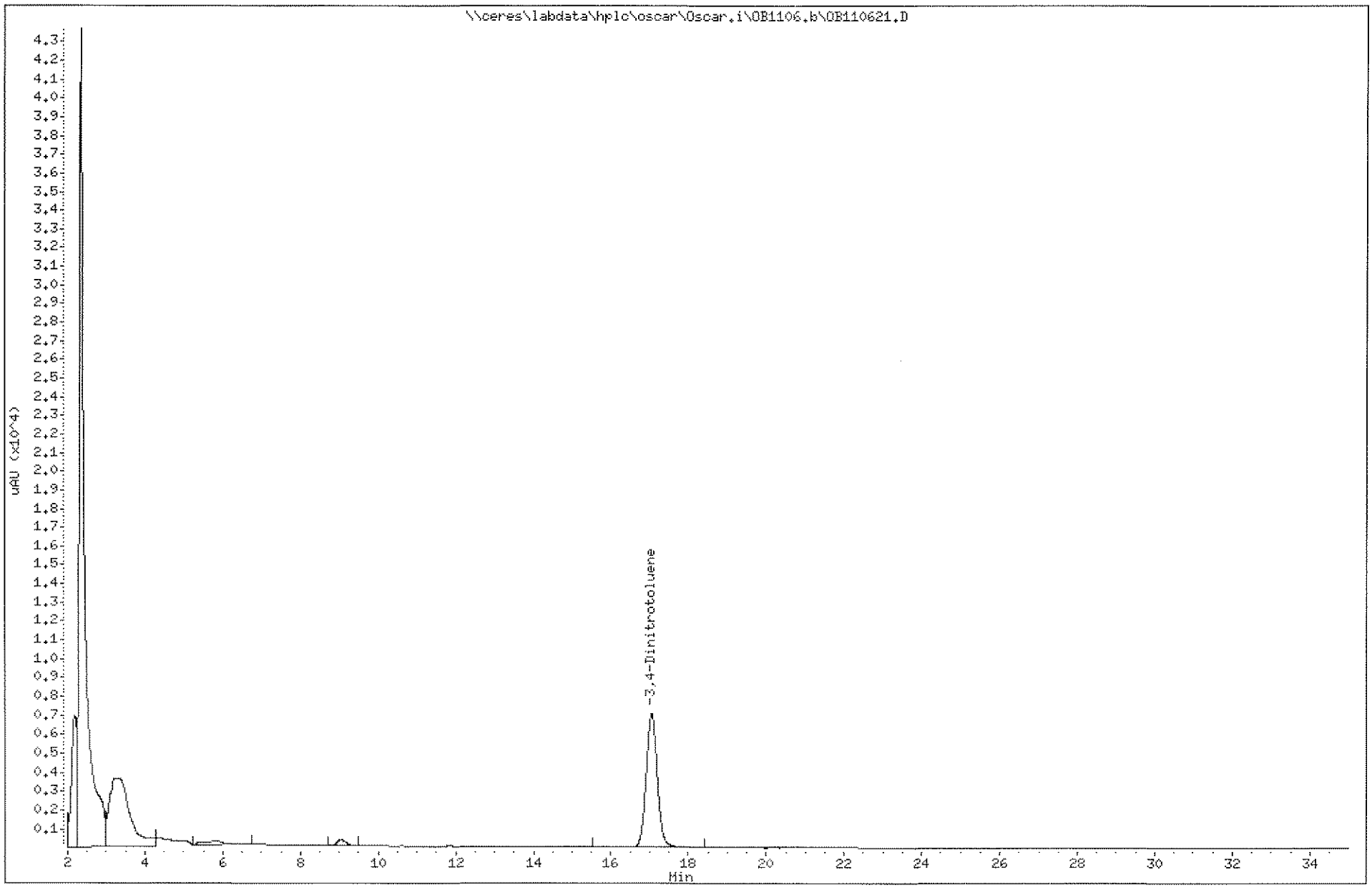
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.50	U
121-82-4	RDX	0.50	U
99-35-4	1,3,5-Trinitrobenzene	0.50	U
99-65-0	1,3-Dinitrobenzene	0.50	U
98-95-3	Nitrobenzene	0.50	U
479-45-8	Tetryl	0.50	U
118-96-7	2,4,6-Trinitrotoluene	0.50	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.50	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 - 13

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB1106.b\OB110621.D
Date : 12-NOV-2006 01:09
Client ID: MW-17-3
Sample Info: JPL22-002 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/OB1106.b/OB110621.D
Injection Date : 12-NOV-2006 01:09
Sample Info : JPL22-002 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-002 Client ID : MW-17-3
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
	1.87		2490		
	2.18		6952		
	2.35		42161		
	3.30		3624		
	5.85		237		
	9.05		314		
3,4-Dinitrotoluene	17.05	16.65 - 17.15	7058	906.17	9.06

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-5-11/1/06

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

SDG No.: JPL22 Run Sequence: R013089

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-003

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: OB110622.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/01/2006

Extraction: (Type) SPE Date Extracted: 11/06/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/12/2006

Injection Volume: 50.0 (uL) Dilution Factor: 2.0

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

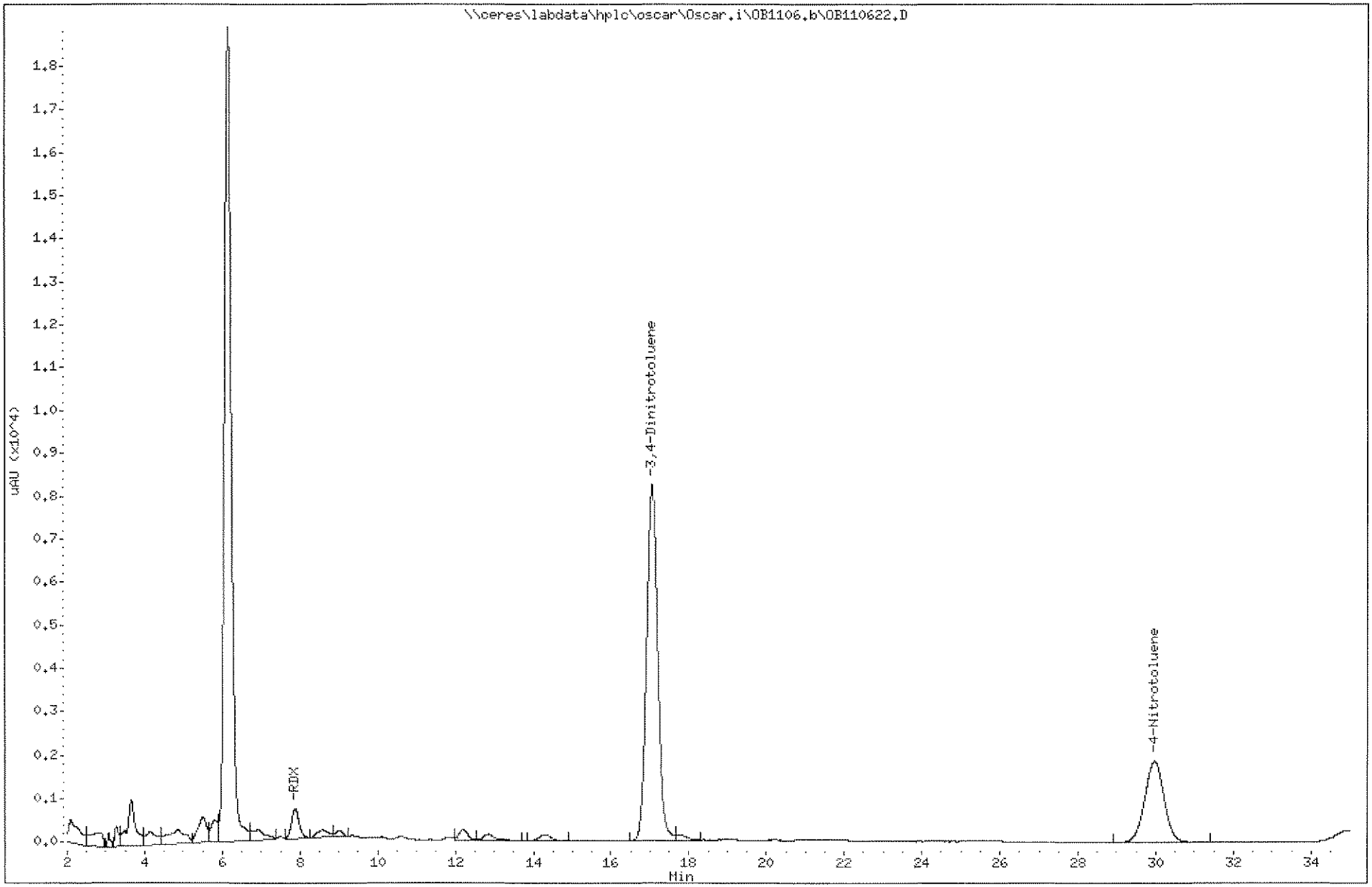
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	0.50	U
121-82-4	RDX	0.50	U
99-35-4	1,3,5-Trinitrobenzene	0.50	U
99-65-0	1,3-Dinitrobenzene	0.50	U
98-95-3	Nitrobenzene	0.50	U
479-45-8	Tetryl	0.50	U
118-96-7	2,4,6-Trinitrotoluene	0.50	U
1946-51-0	4-Amino-2,6-dinitrotoluene	0.50	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\OB1106.b\OB110622.D
Date : 12-NOV-2006 01:46
Client ID: EB-5-11/1/06
Sample Info: JPL22-003 METHOD 8330
Volume Injected (uL): 50.0
Column phase: C18

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

ORD - 16



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1106.b/OB110622.D
Injection Date : 12-NOV-2006 01:46
Sample Info : JPL22-003 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-003
Client ID : EB-5-11/1/06
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
	2.09		599		
	2.80		315		
	3.07		303		
	3.27		449		
	3.65		1054		
	4.15		291		
	4.86		325		
	5.50		590		
	5.81		502		
	6.15		18870		
	6.91		242		
RDX	7.88	7.76 - 8.26	693	65.993	0.660
	8.58		171		
	9.01		145		
	12.20		247		
	12.85		146		
3,4-Dinitrotoluene	17.05	16.65 - 17.15	8237	1057.5	10.6
	17.77		125		
4-Nitrotoluene	29.97	29.25 - 30.05	1866	549.19	5.49

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\FB1406.b\FB140610.D

Date : 14-NOV-2006 16:11

Client ID: EB-5-11/1/06

Instrument: Felix.i

Sample Info: JPL22-003 METHOD 8330

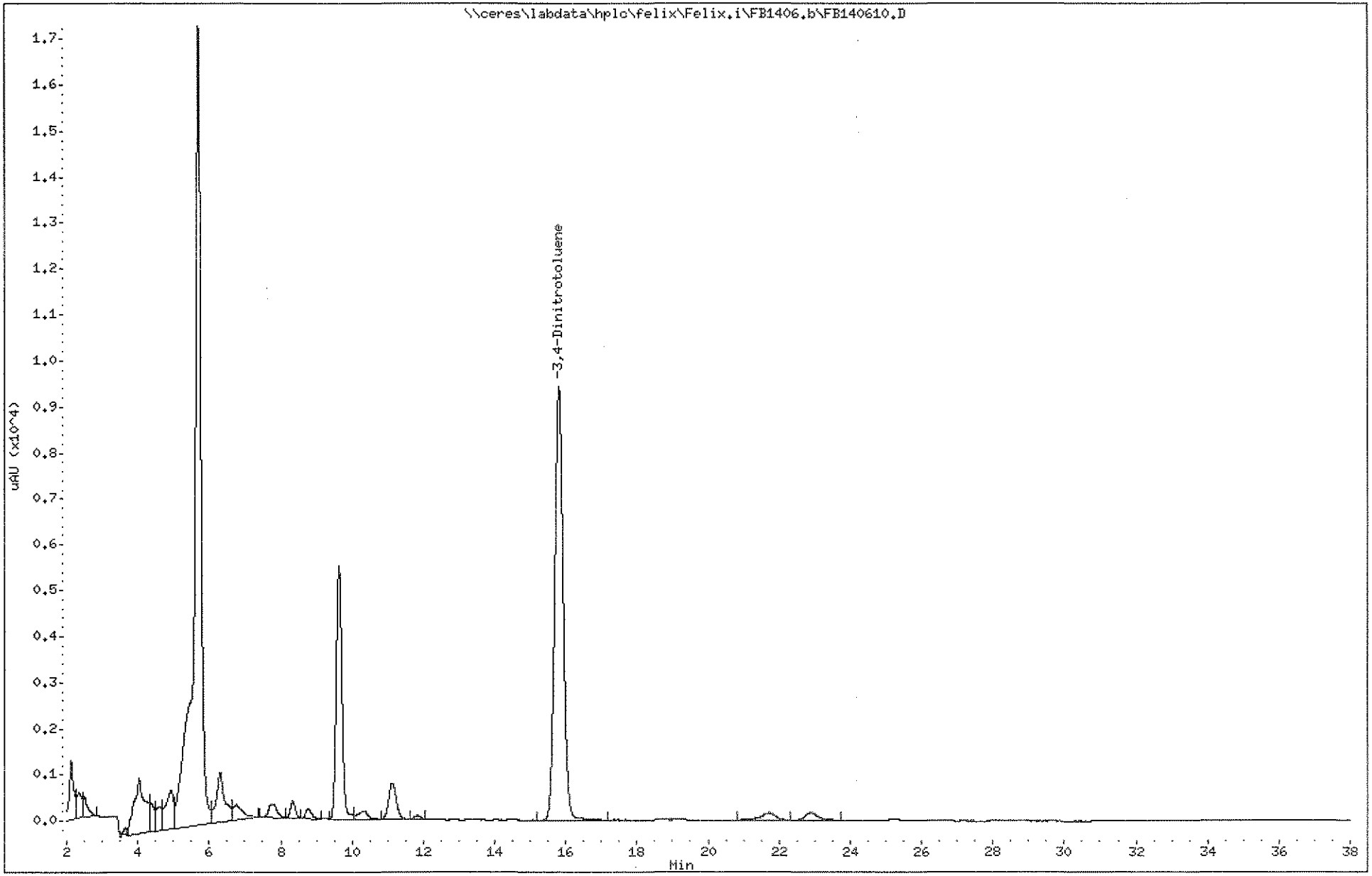
Volume Injected (uL): 50.0

Operator: ap

Column phase: EtPh

Column diameter: 4.60

ORD - 18



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FB1406.b/FB140610.D
Injection Date : 14-NOV-2006 16:11
Sample Info : JPL22-003 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-003
Client ID : EB-5-11/1/06
Instrument ID : Felix.i
Operator : ap
Method : 050806syn.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	Final ug/L
	2.13		1248		
	2.36		539		
	2.50		449		
	3.65		149		
	4.04		1191		
	4.36		633		
	4.60		504		
	4.93		831		
	5.70		17362		
	6.30		1059		
	6.74		321		
	8.34		368		
	8.77		209		
	9.63		5499		
	11.13		778		
	11.83		74		
3,4-Dinitrotoluene	15.81	15.40 - 15.90	9421	1132.2	11.3
	21.70		160		
	22.91		162		

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-6-11/2/06

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

SDG No.: JPL22 Run Sequence: R013089

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-006

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: OB110623.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/02/2006

Extraction: (Type) SPE Date Extracted: 11/06/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/12/2006

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\OB1106.b\OB110623.D

Page 1

Date : 12-NOV-2006 02:23

Client ID: EB-6-11/2/06

Instrument: Oscar.i

Sample Info: JPL22-006 METHOD 8330

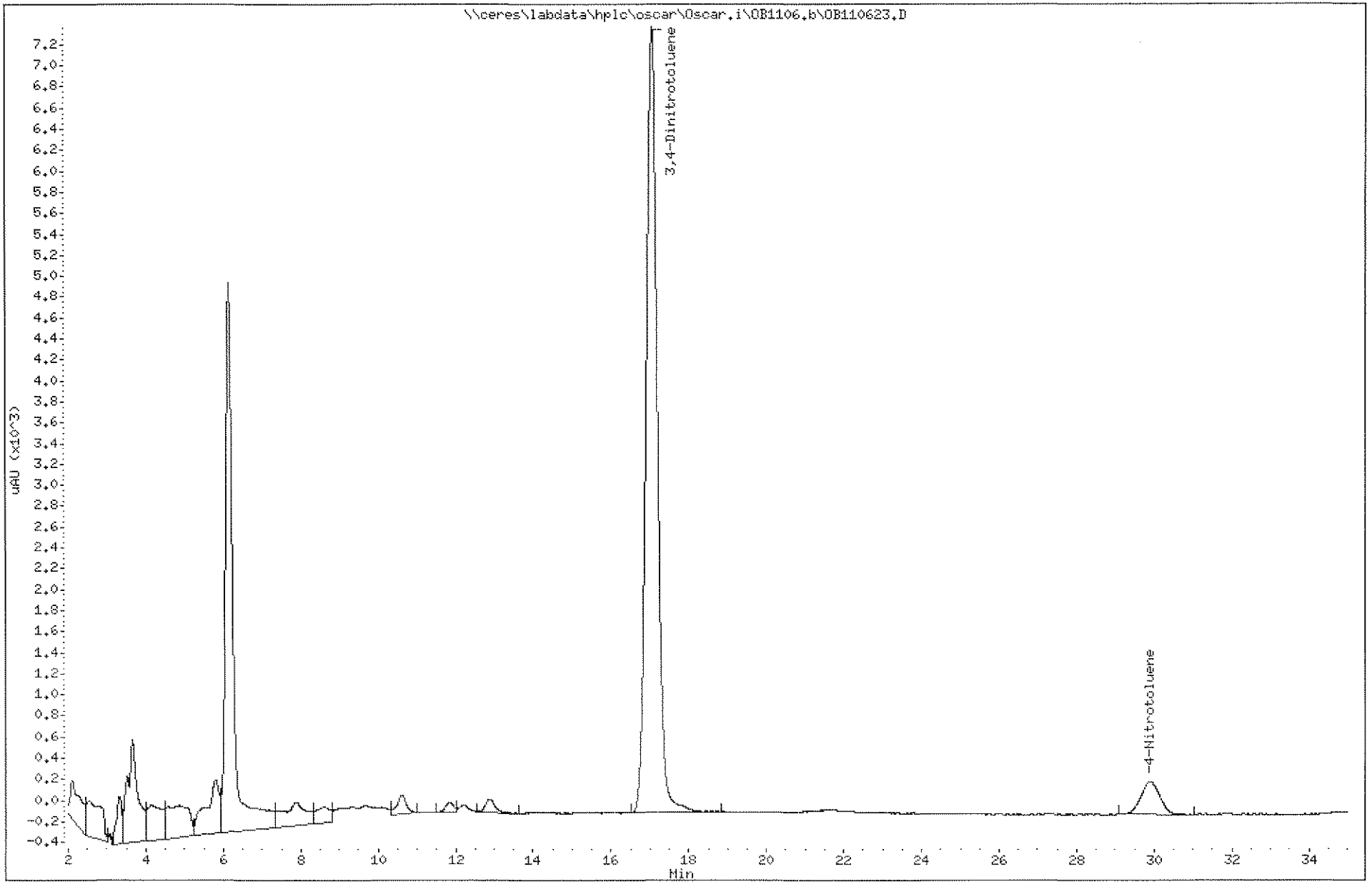
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 21



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1106.b/OB110623.D
Injection Date : 12-NOV-2006 02:23
Sample Info : JPL22-006 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-006
Instrument ID : Oscar.i
Method : 8330Nov08.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : C18

Client ID : EB-6-11/2/06
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: 1000 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	2.11		479		
	2.55		342		
	3.32		448		
	3.66		966		
	4.15		341		
	4.86		303		
	5.80		510		
	6.15		5232		
	8.61		147		
	10.61		173		
	11.83		92		
	12.88		130		
3,4-Dinitrotoluene	17.05	16.65 - 17.15	7479	960.22	9.60
4-Nitrotoluene	29.90	29.25 - 30.05	310	91.238	0.912

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\FB1406.b\FB140611.D

Page 1

Date : 14-NOV-2006 16:51

Client ID: EB-6-11/2/06

Instrument: Felix.i

Sample Info: JPL22-006 METHOD 8330

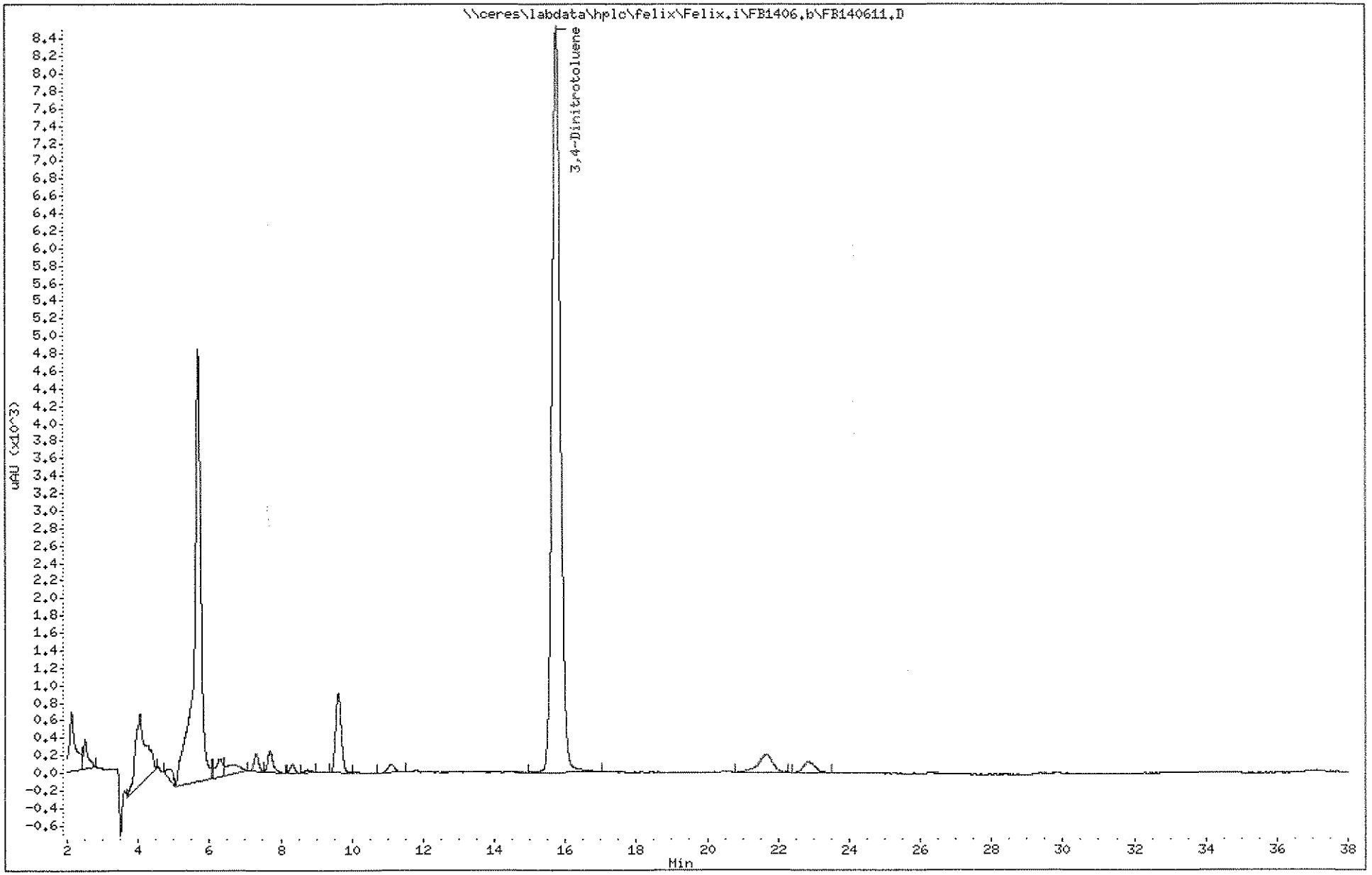
Volume Injected (uL): 50.0

Operator: ap

Column phase: EtPh

Column diameter: 4.60

ORD - 23



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FB1406.b/FB140611.D
Injection Date : 14-NOV-2006 16:51
Sample Info : JPL22-006 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-006
Client ID : EB-6-11/2/06
Instrument ID : Felix.i
Operator : ap
Method : 050806syn.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	Final ug/L
	2.12		667		
	2.50		333		
	4.05		790		
	4.85		112		
	5.69		4942		
	6.09		124		
	6.29		201		
	6.72		100		
	7.31		194		
	8.32		101		
	8.74		30		
	9.61		906		
	11.10		88		
3,4-Dinitrotoluene	15.75	15.40 - 15.90	8537	1025.9	10.2
	21.68		200		
	22.86		125		

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.

DUPE-1-4Q06

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

SDG No.: JPL22 Run Sequence: R013089

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-007

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: OB110624.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/02/2006

Extraction: (Type) SPE Date Extracted: 11/06/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/12/2006

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\OB1106.b\OB110624.D

Date : 12-NOV-2006 03:00

Client ID: DUPE-1-4Q06

Instrument: Oscar.i

Sample Info: JPL22-007 METHOD 8330

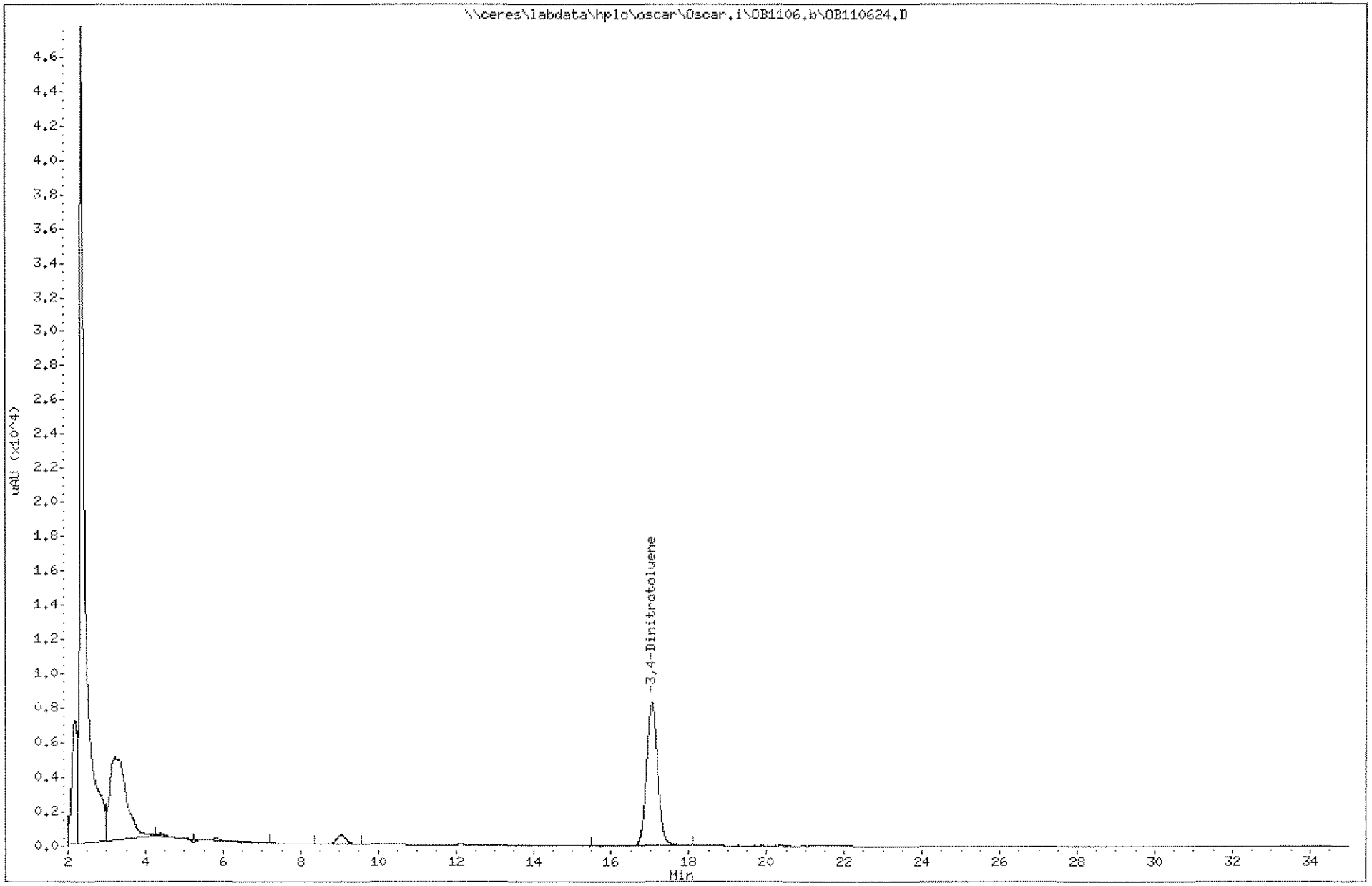
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 26



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1106.b/OB110624.D
Injection Date : 12-NOV-2006 03:00
Sample Info : JPL22-007 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-007 Client ID : DUPE-1-4Q06
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
	1.86		2370		
	2.18		7149		
	2.36		47556		
	3.22		4792		
	5.83		92		
	9.04		522		
3,4-Dinitrotoluene	17.04	16.65 - 17.15	8361	1073.4	10.7

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

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ORDNANCE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-1

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

SDG No.: JPL22 Run Sequence: R013089

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-008

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: OB110625.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/02/2006

Extraction: (Type) SPE Date Extracted: 11/06/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/12/2006

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\OB1106.b\OB110625.D

Page 1

Date : 12-NOV-2006 03:37

Client ID: MW-17-1

Instrument: Oscar.i

Sample Info: JPL22-008 METHOD 8330

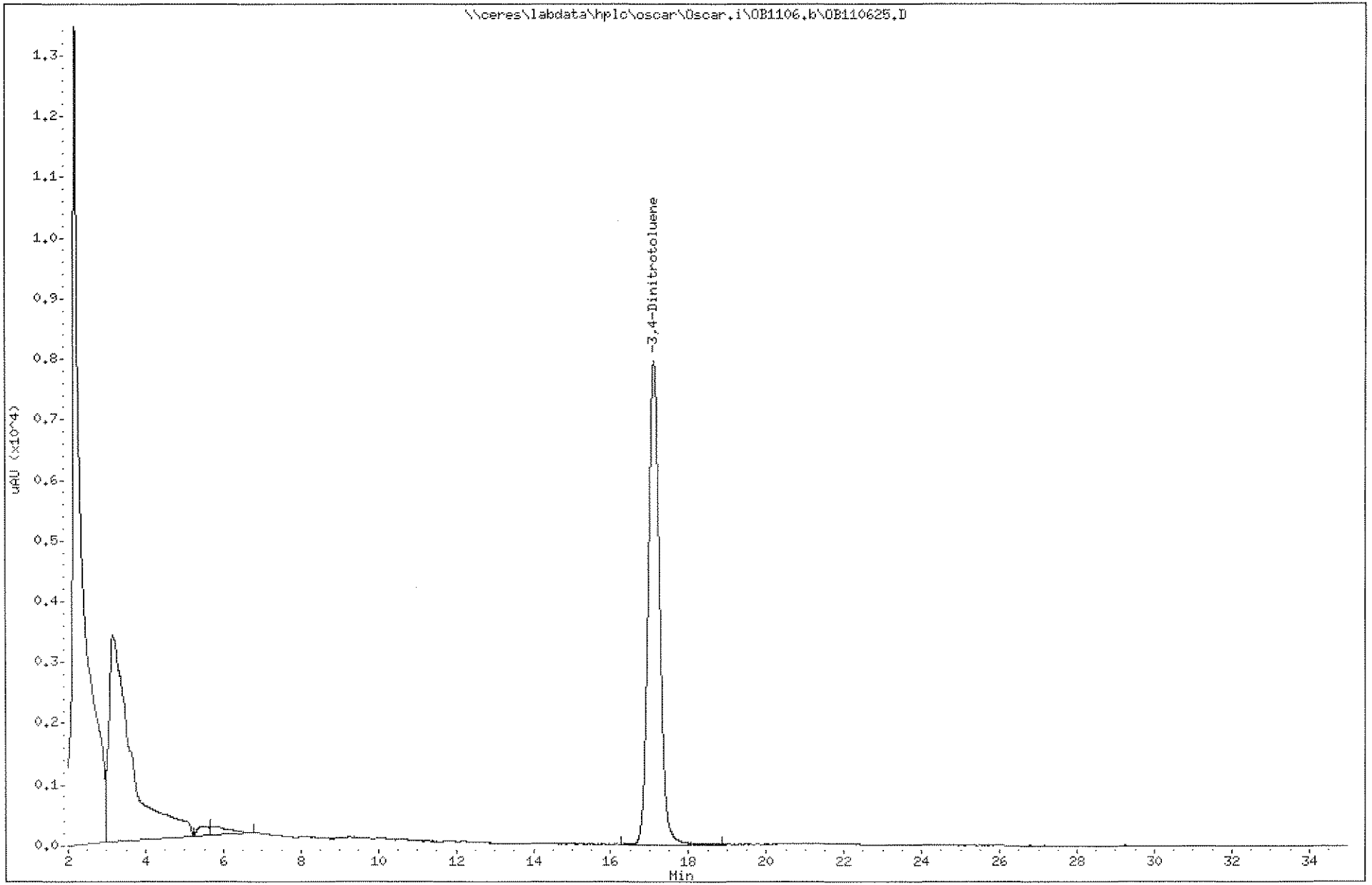
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 29



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1106.b/OB110625.D
Injection Date : 12-NOV-2006 03:37
Sample Info : JPL22-008 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-008
Instrument ID : Oscar.i
Method : 8330Nov08.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : C18

Client ID : MW-17-1
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: 1000 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Concentrations Final ug/L
	2.19		13483		
	3.17		3370		
	5.49		151		
	5.82		138		
3,4-Dinitrotoluene	17.11	16.65 - 17.15	7951	1020.8	10.2

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-17-2

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

SDG No.: JPL22 Run Sequence: R013089

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-009

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: OB110626.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/02/2006

Extraction: (Type) SPE Date Extracted: 11/06/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/12/2006

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\OB1106.b\OB110626.D

Date : 12-NOV-2006 04:14

Client ID: MW-17-2

Instrument: Oscar.i

Sample Info: JPL22-009 METHOD 8330

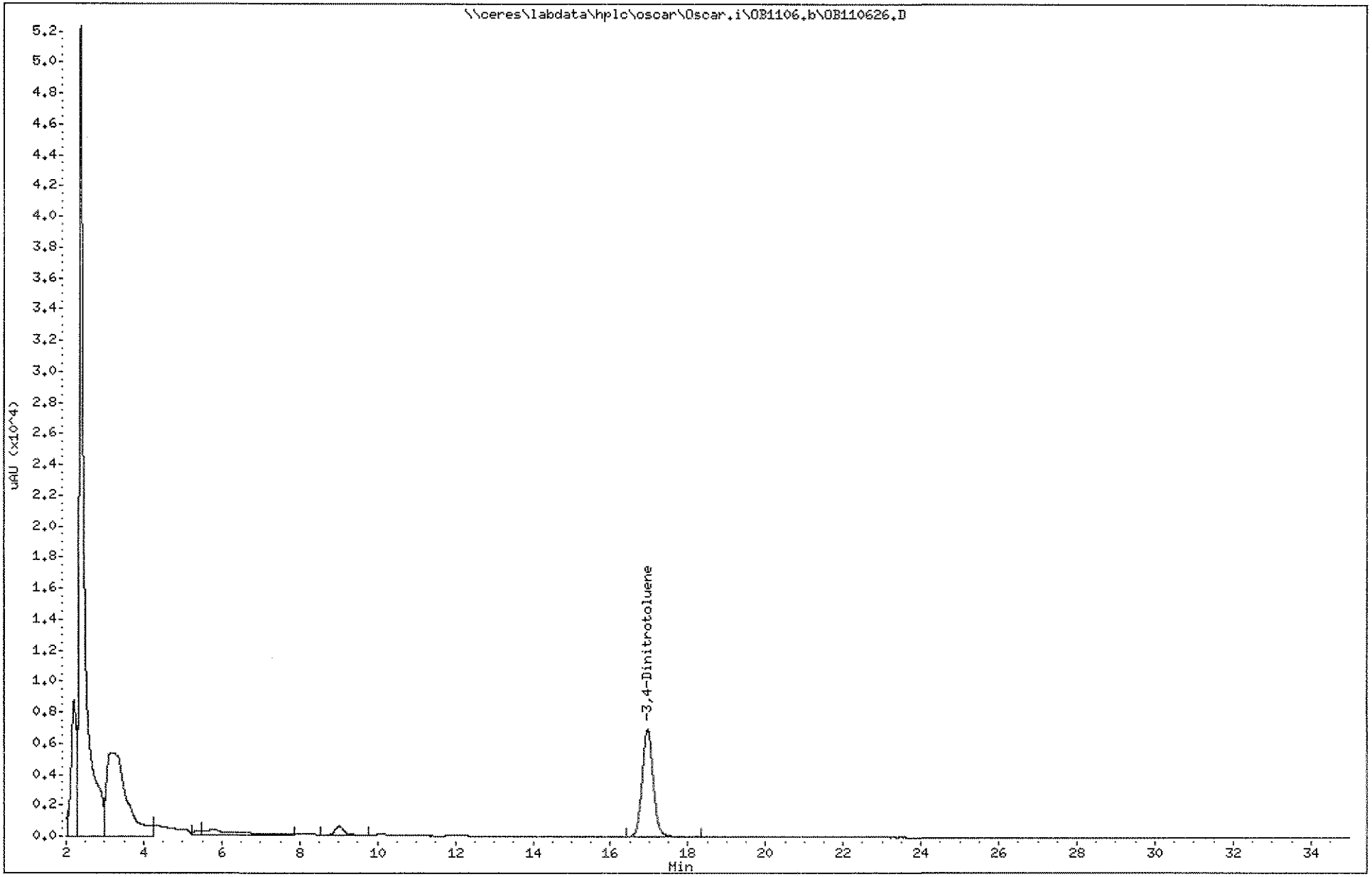
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 32



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1106.b/OB110626.D
Injection Date : 12-NOV-2006 04:14
Sample Info : JPL22-009 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-009 Client ID : MW-17-2
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: 1000 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	1.87		2372		
	2.20		8777		
	2.38		51717		
	3.15		5389		
	5.43		279		
	5.81		366		
	9.01		545		
3,4-Dinitrotoluene	16.96	16.65 - 17.15	6927	889.35	8.89

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-3-5

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

SDG No.: JPL22 Run Sequence: R013089

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-017

Sample wt/vol: 1020.0 (g/mL) mL Lab File ID: FB140619.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/06/2006

Extraction: (Type) SPE Date Extracted: 11/08/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/14/2006

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	0.62	
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:

CONFIRMATION SUMMRY WORKSHEET
FOR SINGLE COMPONENT ANALYTES

Client Sample ID

MW-3-5

Lab Name: Laucks Testing Labs, Inc.

Lab Sample ID: JPL22-017

Instrument ID: HPLC5 (Oscar)

Run Sequence ID: R013089

Column (1): Allure C18

Column (2): Synergi - EtPH

File (1): OB1406.b-OB140623.D

File (2): FB1406.b-FB140619.D

Date Analyzed (1): 11/15/2006 1:02:00 AM

Date Analyzed (2): 11/14/2006 10:11:00 PM

ANALYTE	COL	CONCENTRATION Final Units: ug/L		RPD	RT	RT Window
Nitrobenzene	1	496.541		199.5 %	16.13	15.99 - 16.49
	2	0.615222	X		9.94	9.86 - 10.36

X = Concentration Reported

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB1406.b\OB140623.D

Page 1

Date : 15-NOV-2006 01:02

Client ID: MW-3-5

Instrument: Oscar.i

Sample Info: JPL22-017 METHOD 8330

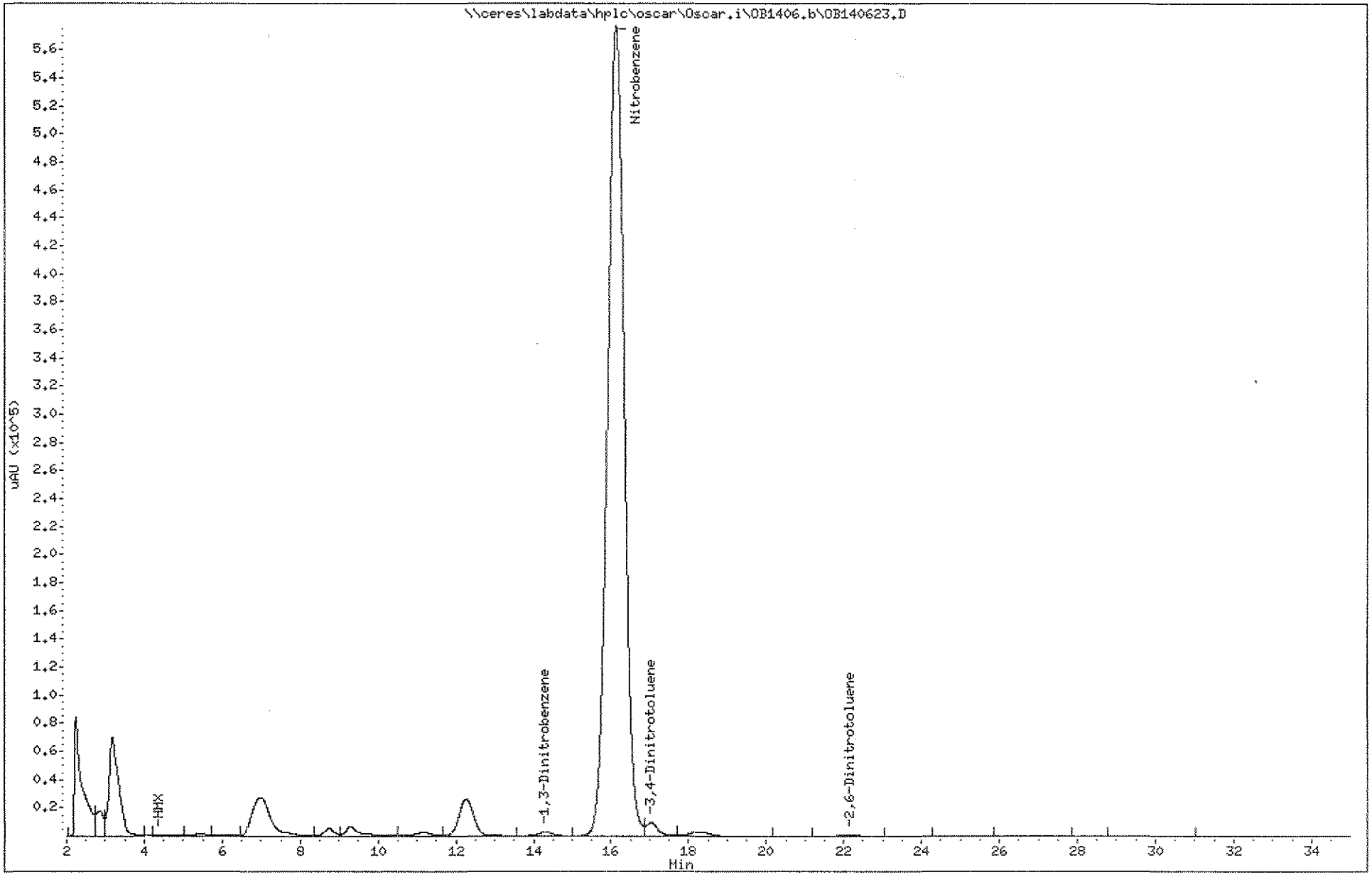
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 36



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1406.b/OB140623.D
Injection Date : 15-NOV-2006 01:02
Sample Info : JPL22-017 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-017
Client ID : MW-3-5
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: 1020 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	1.78		2598		
	2.25		84099		
	2.86		17779		
	3.18		69567		
HMX	4.40	4.36 - 4.86	1316	101.19	0.992
	5.47		2123		
	6.17		1182		
	6.98		27382		
	8.74		5563		
	9.29		7303		
	11.17		2987		
	12.26		26277		
1,3-Dinitrobenzene	14.31	13.92 - 14.42	3002	144.46	1.42
Nitrobenzene	16.13	16.08 - 16.58	576827	50647	E
3,4-Dinitrotoluene	17.04	16.79 - 17.29	9533	1223.9	12.0
	18.29		3326		
2,6-Dinitrotoluene	22.16	22.06 - 22.64	955	144.92	1.42
	24.90		158		
	26.60		225		

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\FB1406.b\FB140619.D

Page 1

Date : 14-NOV-2006 22:11

Client ID: MW-3-5

Instrument: Felix.i

Sample Info: JPL22-017 METHOD 8330

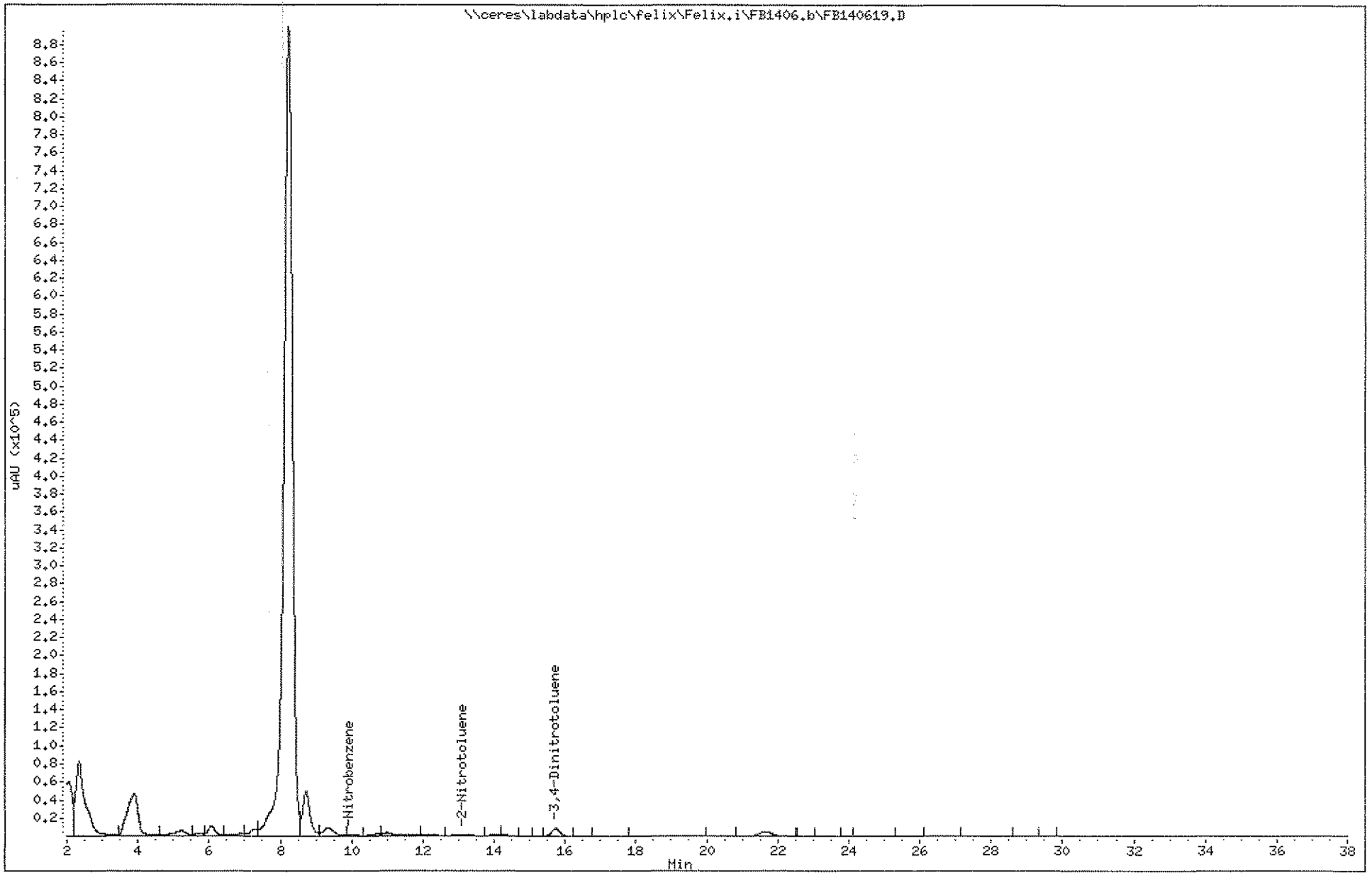
Volume Injected (uL): 50.0

Operator: ap

Column phase: EtPh

Column diameter: 4.60

ORD - 38



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FB1406.b/FB140619.D
Injection Date : 14-NOV-2006 22:11
Sample Info : JPL22-017 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-017 Client ID : MW-3-5
Instrument ID : Felix.i Operator : ap
Method : 050806syn.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: 1020 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	1.96		58108		
	2.05		60851		
	2.34		83108		
	3.91		46293		
	5.22		5438		
	5.68		3132		
	6.07		10358		
	6.91		2589		
	7.29		7504		
	8.22		899717		
	8.72		49481		
	9.33		9162		
Nitrobenzene	9.94	9.87 - 10.37	1244	62.752	0.615
	10.71		2636		
	10.99		3898		
	12.14		1114		
2-Nitrotoluene	13.10	12.63 - 13.13	1486	133.36	1.31
	13.99		957		
	14.89		131		
3,4-Dinitrotoluene	15.74	15.40 - 15.90	8407	1010.3	9.90
	16.61		32		
	17.43		140		
	20.54		40		
	21.65		4915		
	22.85		87		
	23.37		215		
	24.75		653		
	25.47		111		
	29.29		110		
	29.37		109		

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-3-5-DL

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

SDG No.: JPL22 Run Sequence: R013089

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-017DL

Sample wt/vol: 1020.0 (g/mL) mL Lab File ID: OB140622.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/06/2006

Extraction: (Type) SPE Date Extracted: 11/08/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/14/2006

Injection Volume: 50.0 (uL) Dilution Factor: 40.0

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

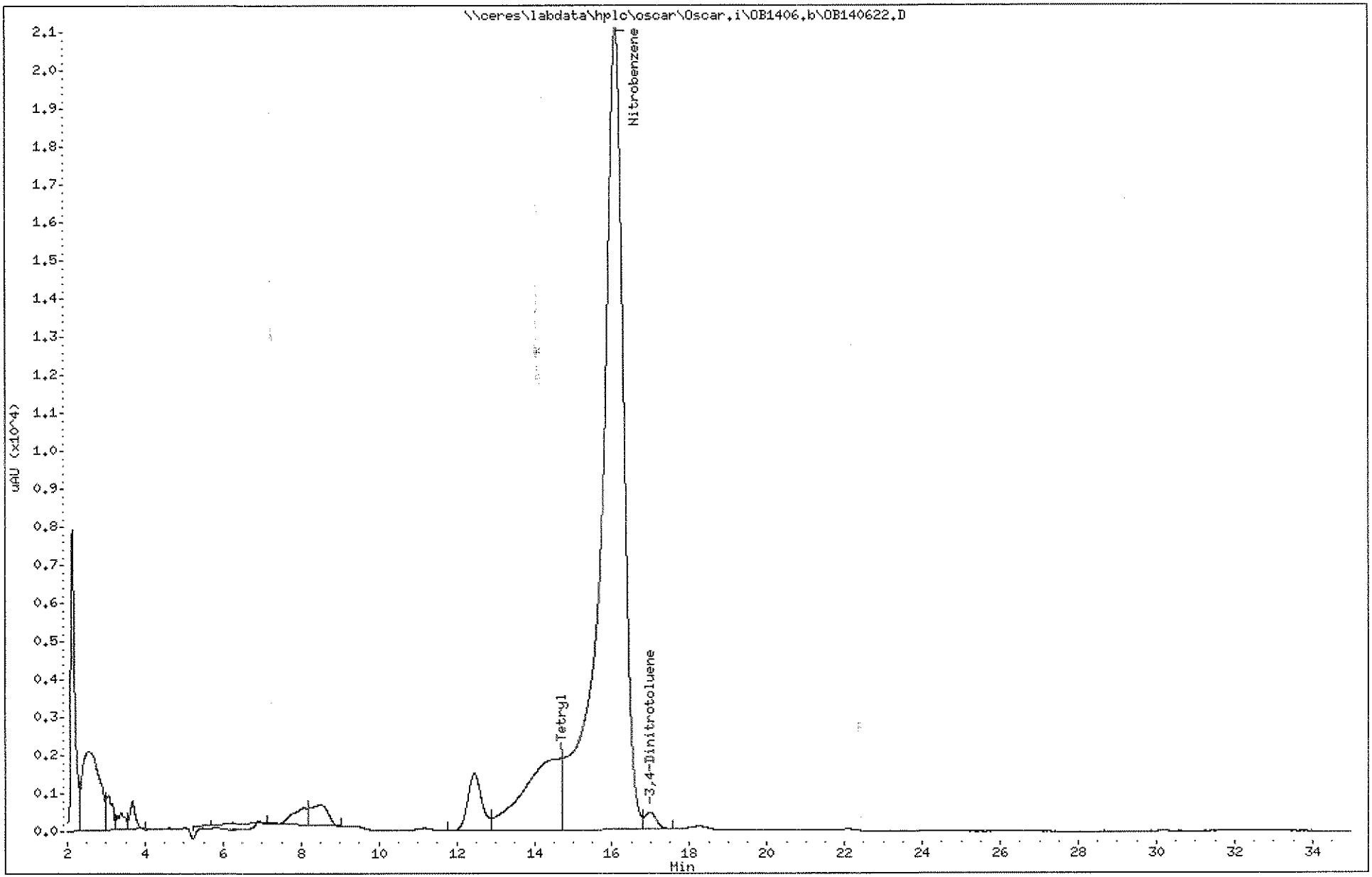
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
2691-41-0	HMX	9.8	U
121-82-4	RDX	9.8	U
99-35-4	1,3,5-Trinitrobenzene	9.8	U
99-65-0	1,3-Dinitrobenzene	9.8	U
98-95-3	Nitrobenzene	9.8	U
479-45-8	Tetryl	9.8	U
118-96-7	2,4,6-Trinitrotoluene	9.8	U
1946-51-0	4-Amino-2,6-dinitrotoluene	9.8	U
35572-78-2	2-Amino-4,6-dinitrotoluene	9.8	U
606-20-2	2,6-Dinitrotoluene	9.8	U
121-14-2	2,4-Dinitrotoluene	9.8	U
88-72-2	2-Nitrotoluene	9.8	U
99-99-0	4-Nitrotoluene	9.8	U
99-08-1	3-Nitrotoluene	9.8	U

Comments:

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB1406.b\OB140622.D
Date : 15-NOV-2006 00:25
Client ID: MW-3-5DL
Sample Info: JPL22-017DL 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/OB1406.b/OB140622.D
Injection Date : 15-NOV-2006 00:25
Sample Info : JPL22-017DL METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-017DL
Instrument ID : Oscar.i
Method : 8330Nov08.m
Quantitation : ESTD
Dilution Factor : 40.0
Column : C18

Client ID : MW-3-5DL
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: 1020 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response		Concentrations Soln ng/mL	Final ug/L
	1.79		386			
	2.13		7918			
	2.55		2079			
	3.05		901			
	3.38		443			
	3.67		728			
	5.49		75			
	5.86		81			
	6.92		41			
	8.49		538			
	12.45		1493		12/08/06 MY	
Tetryl	14.73	15.66 - 16.16	1880	MS	199.42	39.1
Nitrobenzene	16.10	16.08 - 16.58	21058	MS	1849.0	362
3,4-Dinitrotoluene	16.99	16.79 - 17.29	438		56.234	11.0

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\FB1406.b\FB140618.D

Date : 14-NOV-2006 21:31

Client ID: MW-3-5DL

Instrument: Felix.i

Sample Info: JPL22-017DL METHOD 8330

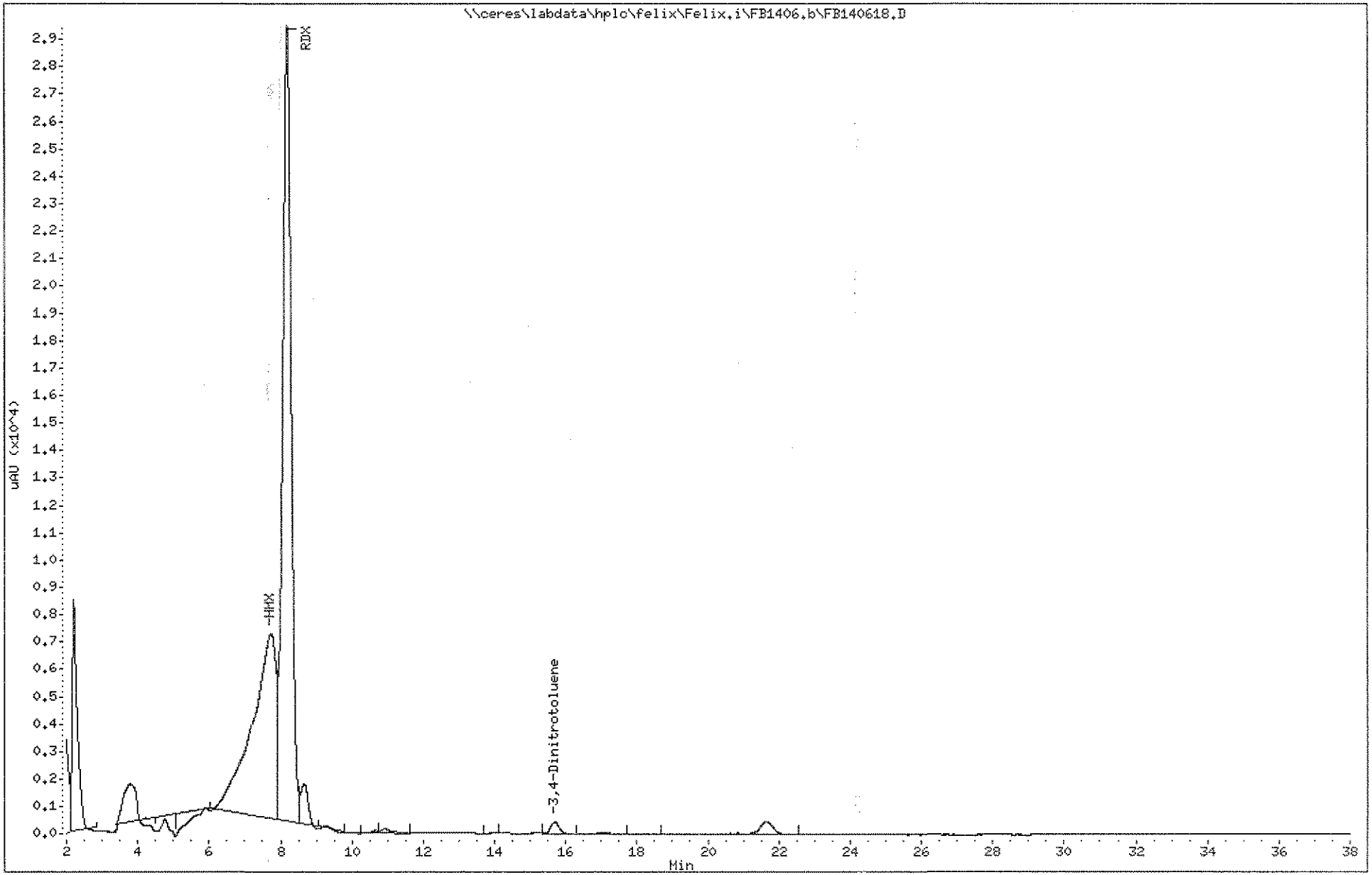
Volume Injected (uL): 50.0

Operator: ap

Column phase: EtPh

Column diameter: 4.60

ORD - 43



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FB1406.b/FB140618.D
Injection Date : 14-NOV-2006 21:31
Sample Info : JPL22-017DL METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-017DL
Instrument ID : Felix.i
Method : 050806syn.m
Quantitation : ESTD
Dilution Factor : 40.0
Column : EtPh

Client ID : MW-3-5DL
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: 1020 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	1.62		156		
	1.92		5186		
	2.20		8426		
	3.79		1379		
	4.30		249		
	4.77		142		
	5.91		30		
HMX	7.73	7.35 - 7.85	6728	862.59	169
RDX	8.19	7.69 - 8.19	29012	2773.2	544
	8.66		1488		
	9.27		70		
	10.65		80		
	10.93		157		
	13.93		35		
3,4-Dinitrotoluene	15.69	15.40 - 15.90	434	52.156	10.2
	21.65		458		

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-3-4

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

SDG No.: JPL22 Run Sequence: R013089

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-018

Sample wt/vol: 1010.0 (g/mL) mL Lab File ID: FB100614.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/06/2006

Extraction: (Type) SPE Date Extracted: 11/08/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/10/2006

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\OB1106.b\OB110635.D

Page 1

Date : 12-NOV-2006 09:47

Client ID: MW-3-4

Instrument: Oscar.i

Sample Info: JPL22-018 METHOD 8330

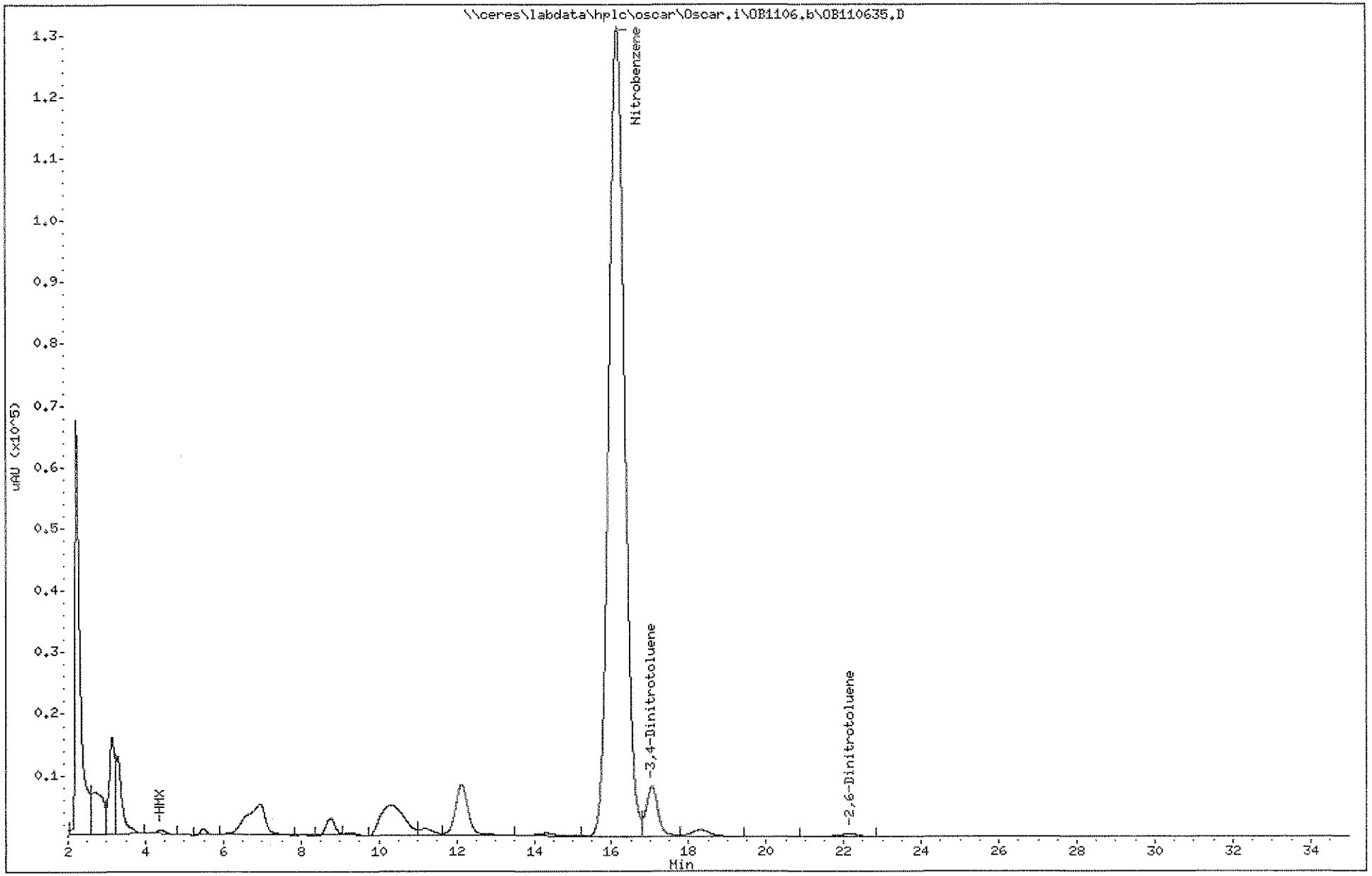
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 46



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1106.b/OB110635.D
Injection Date : 12-NOV-2006 09:47
Sample Info : JPL22-018 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-018 Client ID : MW-3-4
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
	1.86		1999		
	2.22		67331		
	2.70		6741		
	3.14		15597		
	3.28		12527		
HMX	4.39	4.35 - 4.85	680	52.285	0.518
	5.48		915		
	6.94		4931		
	8.75		2683		
	9.26		430		
	10.32		4851		
	11.19		975		
	12.13		8139		
Nitrobenzene	16.16	15.99 - 16.49	131348	11533	E
3,4-Dinitrotoluene	17.05	16.65 - 17.15	8030	1031.0	10.2
	18.31		972		
2,6-Dinitrotoluene	22.15	21.88 - 22.46	426	64.644	0.640

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\FB1006.b\FB100614.D

Page 1

Date : 10-NOV-2006 20:43

Client ID: MW-3-4

Instrument: Felix.i

Sample Info: JPL22-018

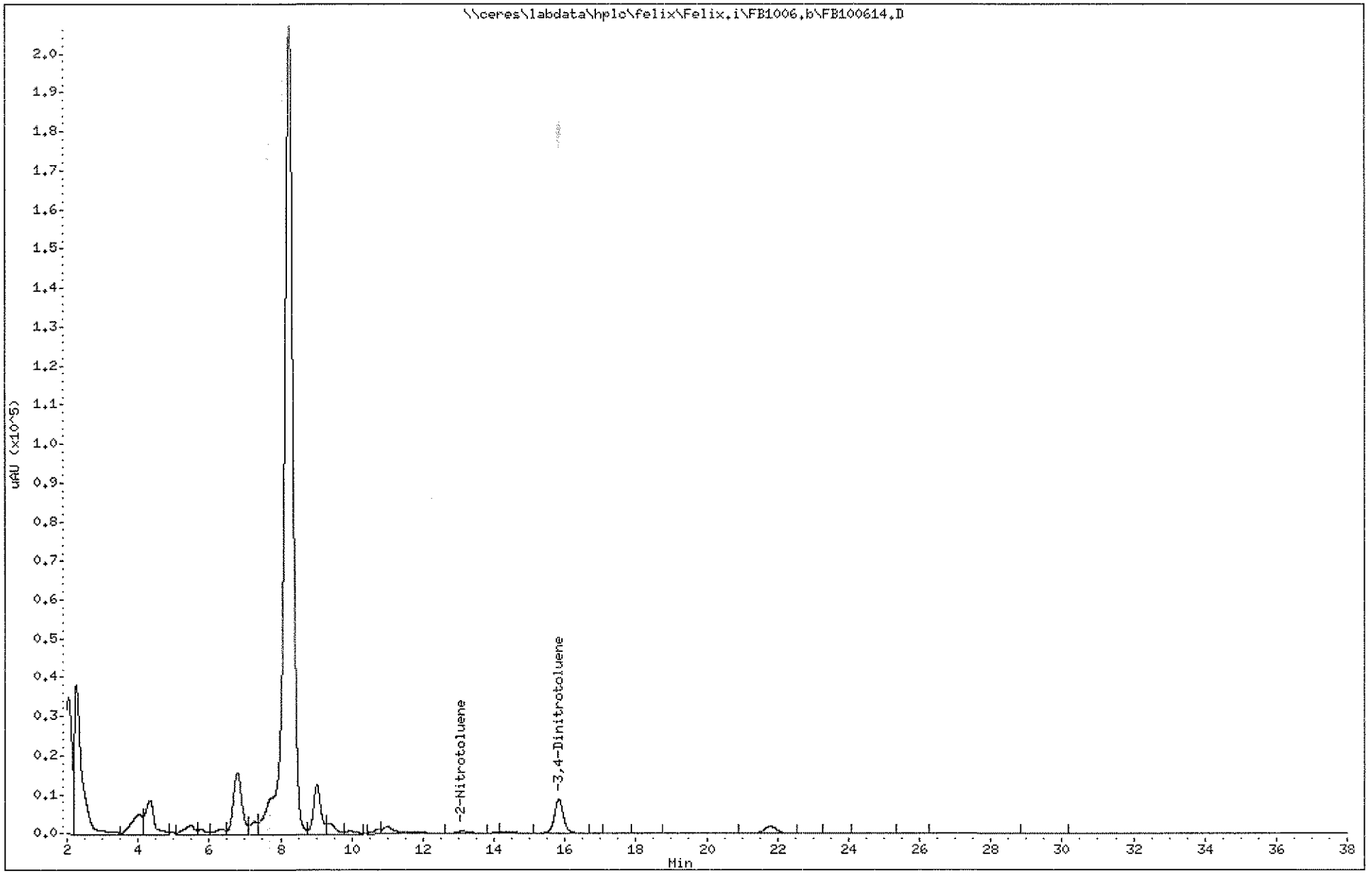
Volume Injected (uL): 50.0

Operator: ap

Column phase: EtPh

Column diameter: 4.60

ORD - 48



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FB1006.b/FB100614.D
Injection Date : 10-NOV-2006 20:43
Sample Info : JPL22-018
Misc. Info : Method 8330
Laboratory ID : JPL22-018
Instrument ID : Felix.i
Method : 050806syn.m
Quantitation : ESTD
Dilution Factor : 1.00
Column : EtPh

Client ID : MW-3-4
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	Final ug/L
	2.04		34959		
	2.26		38166		
	4.02		5233		
	4.34		8840		
	5.49		2394		
	5.79		1253		
	6.35		1411		
	6.79		15908		
	7.27		3214		
	8.24		207312		
	9.02		12614		
	9.36		2657		
	10.73		1239		
	11.00		1907		
2-Nitrotoluene	13.10	12.65 - 13.15	681	61.115	0.302
	14.04		386		
3,4-Dinitrotoluene	15.83	15.48 - 15.98	8802	1057.8	5.24
	17.63		170		
	18.00		149		
	21.80		1810		
	22.95		97		
	23.49		95		
	24.91		189		
	25.83		49		
	29.59		99		

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-3-4-DL

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

SDG No.: JPL22 Run Sequence: R013089

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-018DL

Sample wt/vol: 1010.0 (g/mL) mL Lab File ID: OB110634.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/06/2006

Extraction: (Type) SPE Date Extracted: 11/08/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/10/2006

Injection Volume: 50.0 (uL) Dilution Factor: 20.0

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	5.0	U
121-82-4	RDX	5.0	U
99-35-4	1,3,5-Trinitrobenzene	5.0	U
99-65-0	1,3-Dinitrobenzene	5.0	U
98-95-3	Nitrobenzene	5.0	U
479-45-8	Tetryl	5.0	U
118-96-7	2,4,6-Trinitrotoluene	5.0	U
1946-51-0	4-Amino-2,6-dinitrotoluene	5.0	U
35572-78-2	2-Amino-4,6-dinitrotoluene	5.0	U
606-20-2	2,6-Dinitrotoluene	5.0	U
121-14-2	2,4-Dinitrotoluene	5.0	U
88-72-2	2-Nitrotoluene	5.0	U
99-99-0	4-Nitrotoluene	5.0	U
99-08-1	3-Nitrotoluene	5.0	U

Comments:

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB1106.b\OB110634.D

Page 1

Date : 12-NOV-2006 09:10

Client ID: MW-3-4DL

Instrument: Oscar.i

Sample Info: JPL22-018DL METHOD 8330

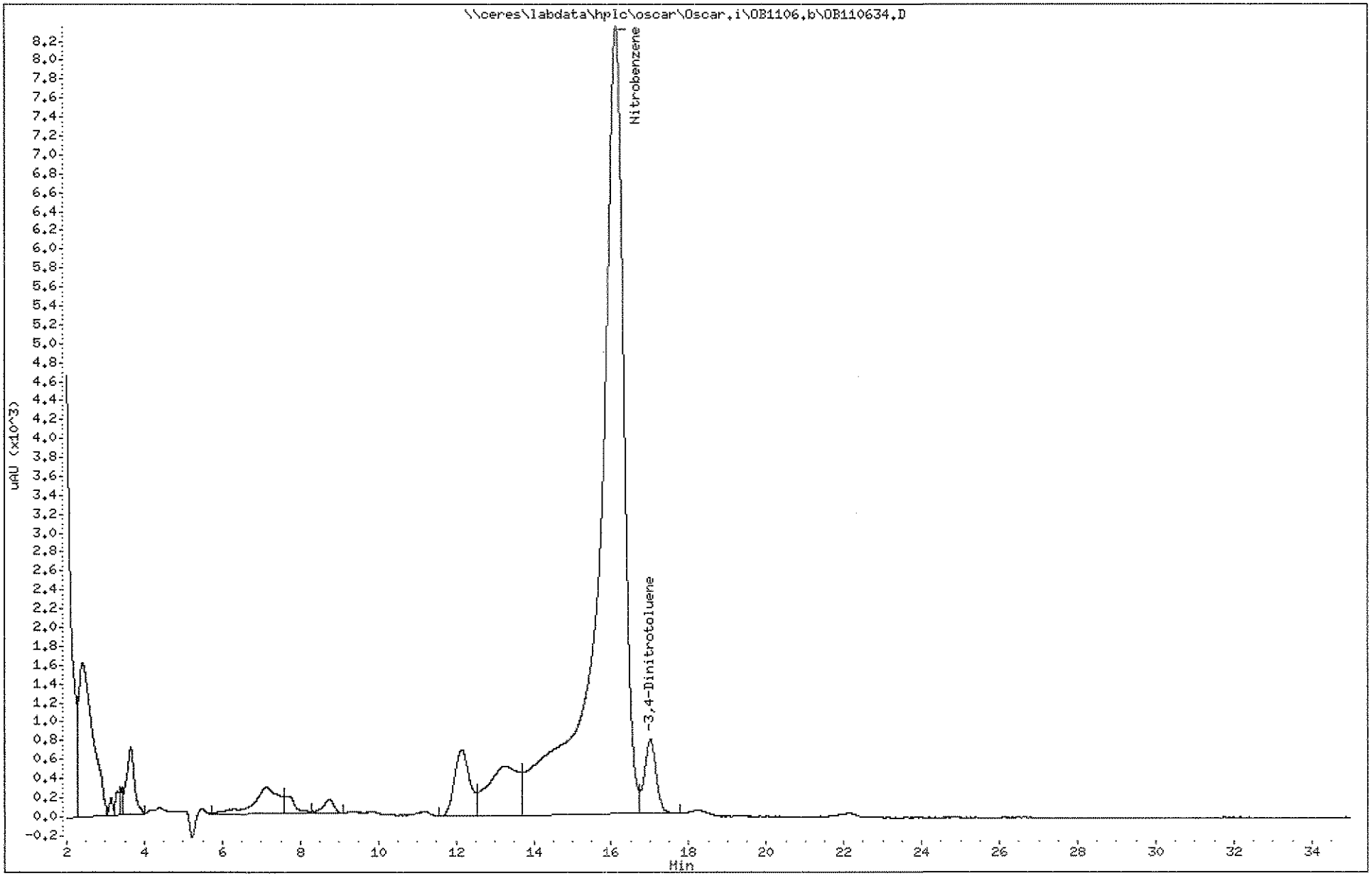
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 51



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB1106.b/OB110634.D
Injection Date : 12-NOV-2006 09:10
Sample Info : JPL22-018DL METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-018DL
Client ID : MW-3-4DL
Instrument ID : Oscar.i
Operator : MY
Method : 8330Nov08.m
Sublist : 8330
Quantitation : ESTD
Integrator : HP Genie
Dilution Factor : 20.0
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
	2.00		4636		
	2.41		1618		
	3.14		189		
	3.31		237		
	3.41		274		
	3.65		696		
	7.14		275		
	7.68		181		
	8.75		145		
	12.14		700		
	13.28		518		
Nitrobenzene	16.12	15.99 - 16.49	8336	731.93	72.5
3,4-Dinitrotoluene	17.01	16.65 - 17.15	779	100.01	9.90

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\FB1006.b\FB100613.D

Date : 10-NOV-2006 20:03

Client ID: MW-3-4

Instrument: Felix.i

Sample Info: JPL22-018DL METHOD 8330

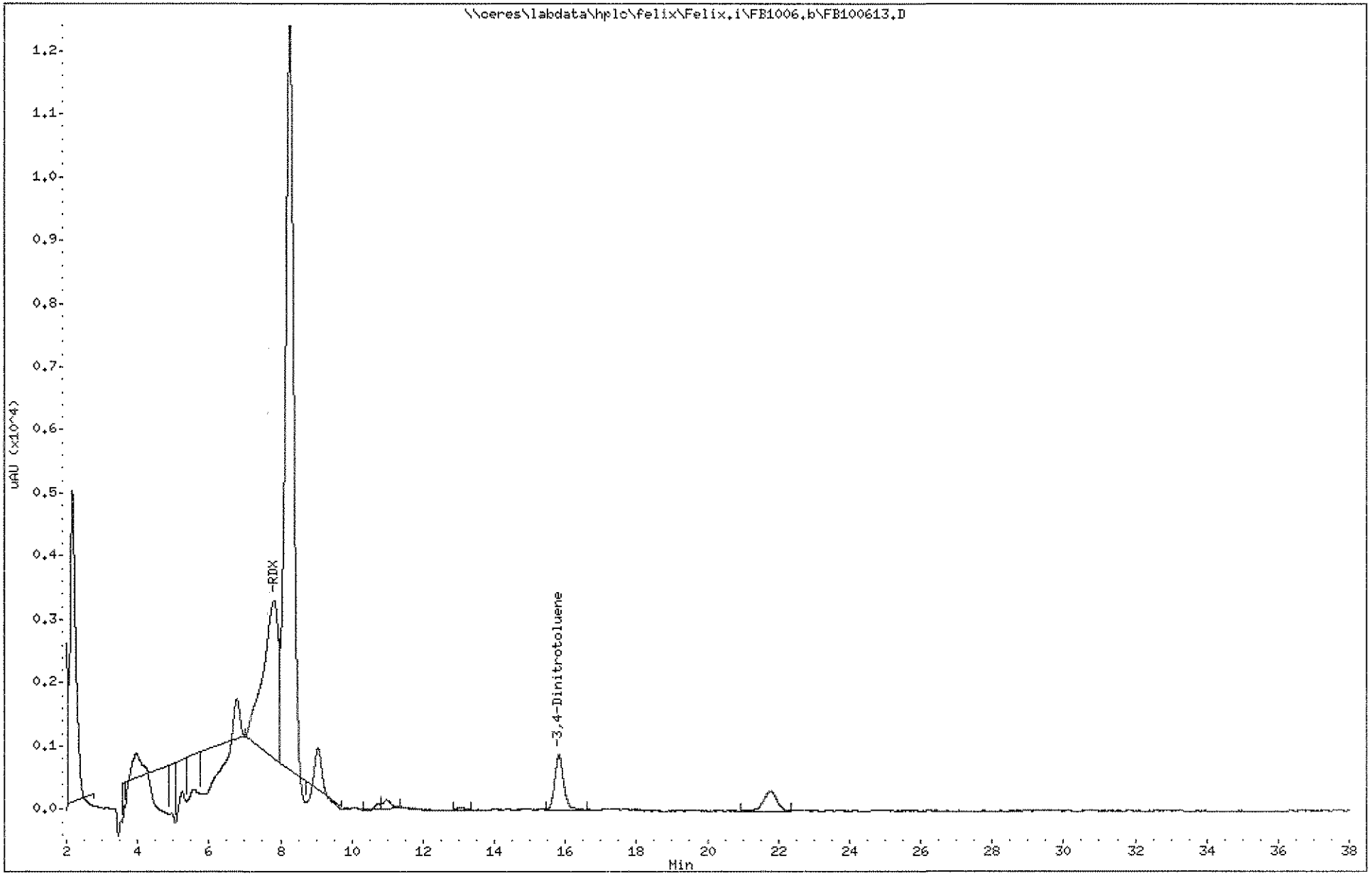
Volume Injected (uL): 50.0

Operator: ap

Column phase: EtPh

Column diameter: 4.60

ORD - 53



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FB1006.b/FB100613.D
Injection Date : 10-NOV-2006 20:03
Sample Info : JPL22-018DL METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-018DL
Instrument ID : Felix.i
Method : 050806syn.m
Quantitation : ESTD
Dilution Factor : 20.0
Column : EtPh
Client ID : MW-3-4
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
	1.61		70		
	1.90		5677		
	2.16		4914		
	3.63		382		
	3.97		388		
	4.95		788		
	5.25		506		
	5.57		539		
	6.79		617		
RDX	7.83	7.69 - 8.19	2488	237.82	23.5
	8.27		11765		
	9.05		652		
	10.73		81		
	10.97		130		
3,4-Dinitrotoluene	15.82	15.48 - 15.98	870	104.55	10.4
	21.77		310		

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-8-11/6/06

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

SDG No.: JPL22 Run Sequence: R013089

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-019

Sample wt/vol: 1020.0 (g/mL) mL Lab File ID: OB090619.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/06/2006

Extraction: (Type) SPE Date Extracted: 11/08/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/09/2006

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:

Data File: \\ceres\labdata\hplc\oscar\Oscar.i\OB0906.b\OB090619.D

Date : 09-NOV-2006 21:36

Client ID: EB-8-11/6/06

Instrument: Oscar.i

Sample Info: JPL22-019 METHOD 8330

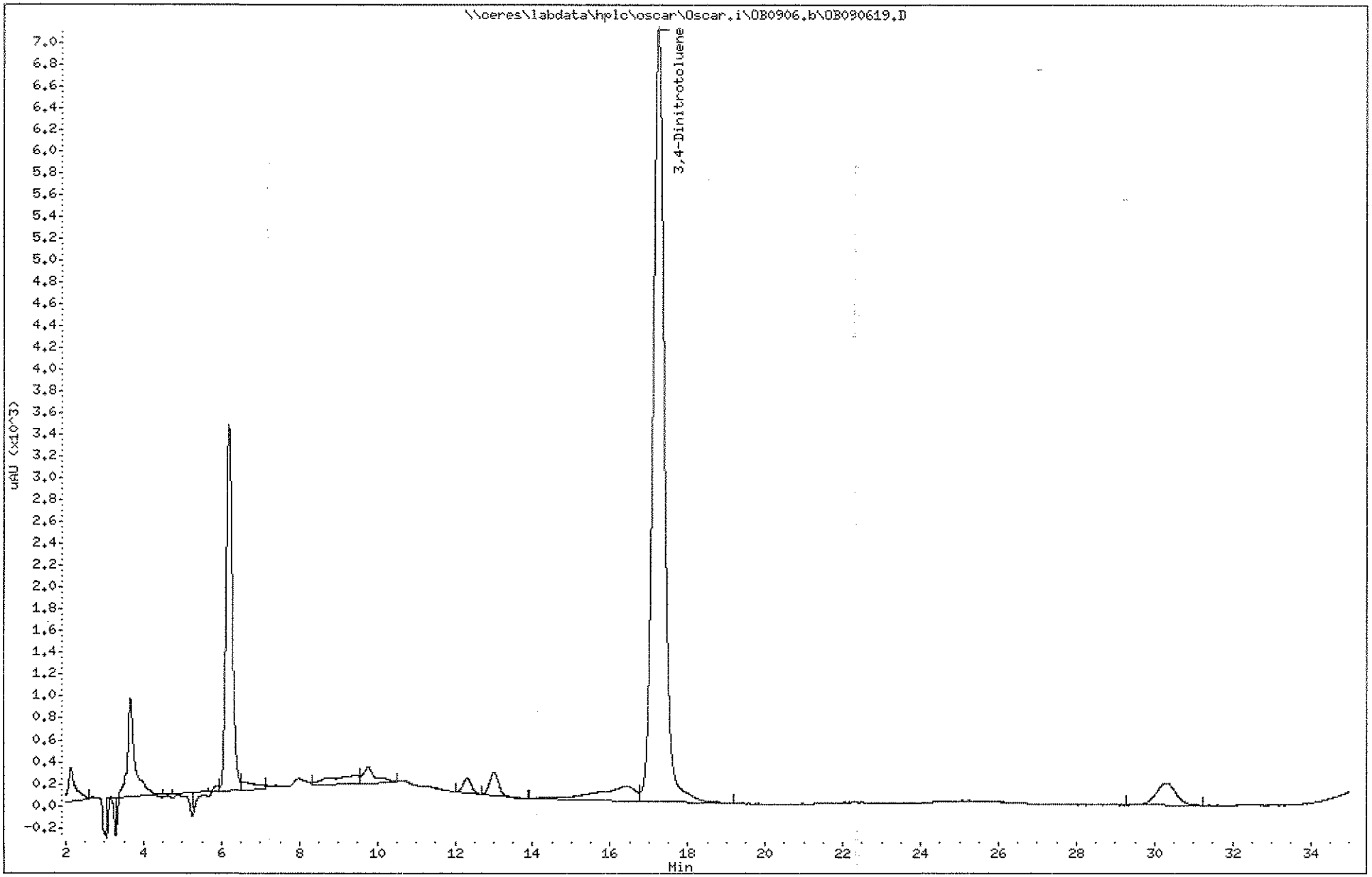
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 56



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB0906.b/OB090619.D
Injection Date : 09-NOV-2006 21:36
Sample Info : JPL22-019 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-019 Client ID : EB-8-11/6/06
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: 1020 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	2.13		299		
	3.16		7		
	3.66		899		
	4.90		7		
	5.53		25		
	5.86		50		
	6.19		3347		
	6.57		74		
	9.45		76		
	9.77		139		
	12.30		136		
	13.00		212		
3,4-Dinitrotoluene	17.24	16.82 - 17.32	7102	911.82	8.94
	30.31		198		

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-3-3

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

SDG No.: JPL22 Run Sequence: R013089

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-021

Sample wt/vol: 960.0 (g/mL) mL Lab File ID: OB090620.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/07/2006

Extraction: (Type) SPE Date Extracted: 11/08/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/09/2006

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\OB0906.b\OB090620.D

Date : 09-NOV-2006 22:13

Client ID: MW-3-3

Instrument: Oscar.i

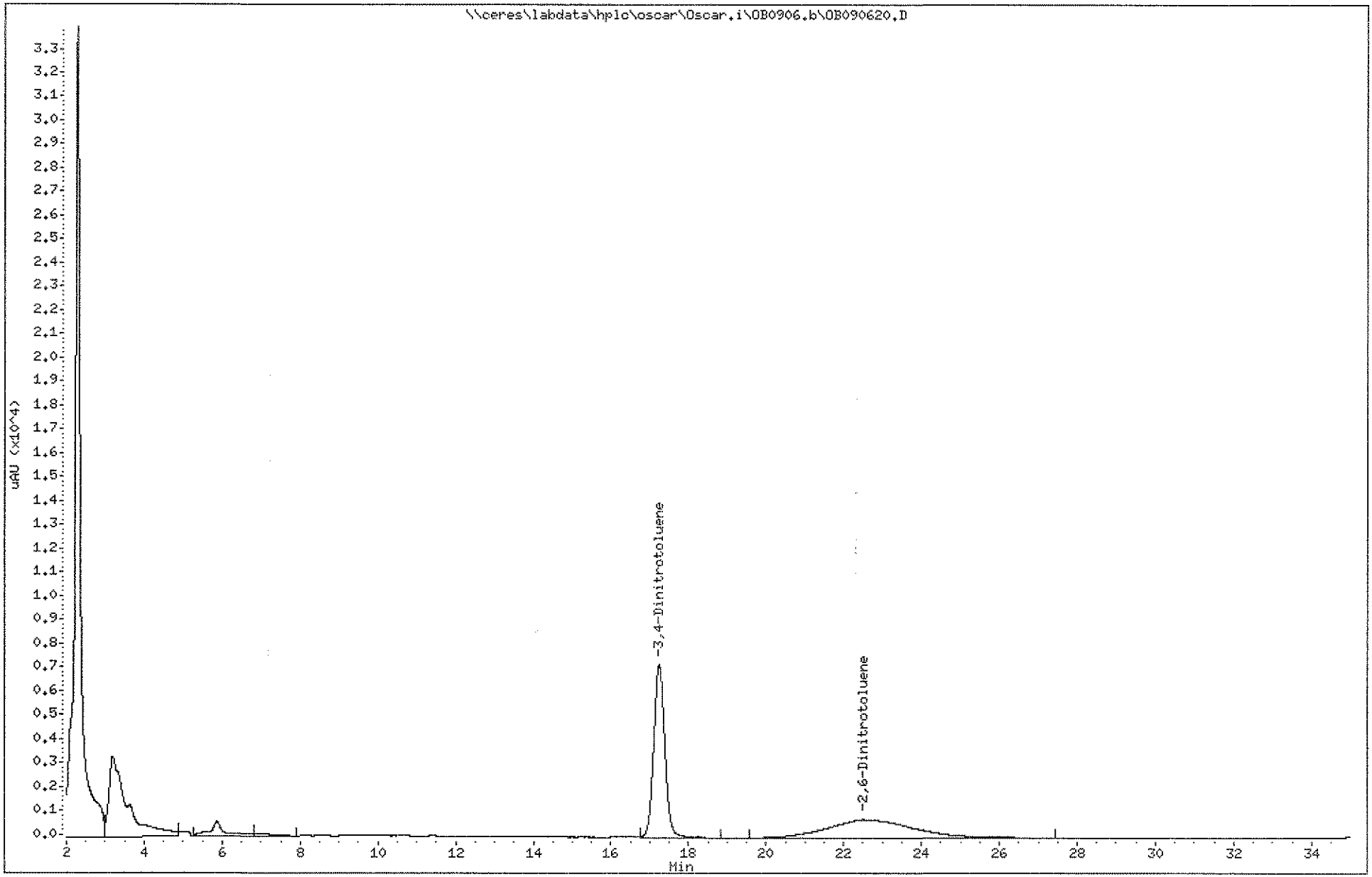
Sample Info: JPL22-021 METHOD 8330

Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB0906.b/OB090620.D
Injection Date : 09-NOV-2006 22:13
Sample Info : JPL22-021 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-021 Client ID : MW-3-3
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: 960.0 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	1.82		2488		
	2.27		33778		
	3.20		3259		
	5.86		616		
	7.01		123		
3,4-Dinitrotoluene	17.24	16.82 - 17.32	7252	931.08	9.70
2,6-Dinitrotoluene	22.51	22.09 - 22.67	759	115.18	1.20

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\FB1006.b\FB100611.D

Date : 10-NOV-2006 18:43

Client ID: MW-3-3

Instrument: Felix.i

Sample Info: JPL22-021 METHOD 8330

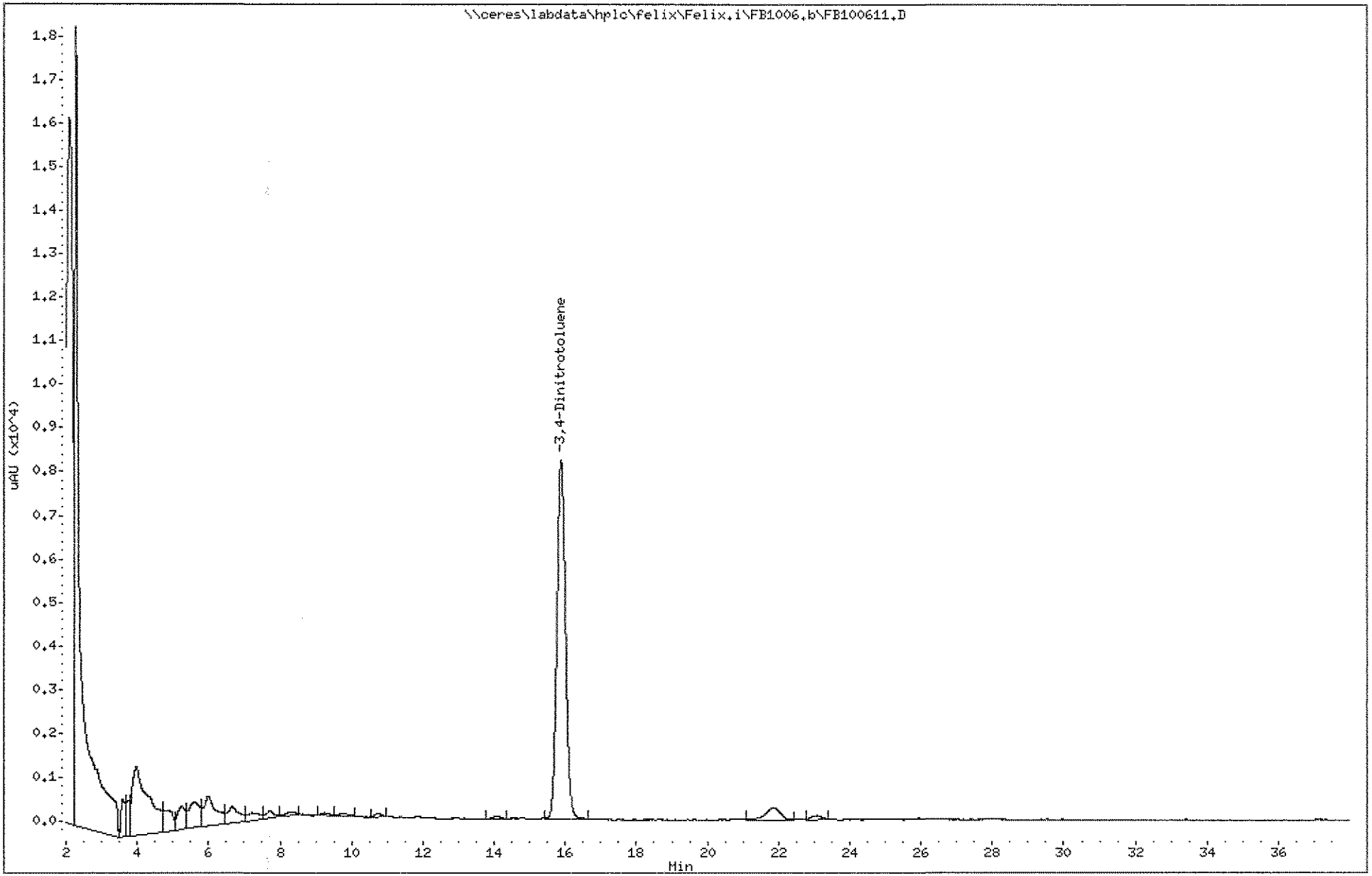
Volume Injected (uL): 50.0

Operator: ap

Column phase: EtPh

Column diameter: 4.60

ORD - 61



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FB1006.b/FB100611.D
Injection Date : 10-NOV-2006 18:43
Sample Info : JPL22-021 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-021 Client ID : MW-3-3
Instrument ID : Felix.i Operator : ap
Method : 050806syn.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: 960.0 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Concentrations Final ug/L
	1.92		11588		
	2.09		16172		
	2.28		18345		
	3.59		868		
	3.73		820		
	3.97		1559		
	4.85		489		
	5.24		542		
	5.58		579		
	5.98		673		
	6.66		361		
	7.21		175		
	8.34		77		
	9.25		68		
	9.81		69		
	10.75		87		
3,4-Dinitrotoluene	15.88	15.48 - 15.98	8192	984.48	10.2
	21.88		279		
	23.07		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.

MW-3-2

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

SDG No.: JPL22 Run Sequence: R013089

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-022

Sample wt/vol: 970.0 (g/mL) mL Lab File ID: OB090621.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/07/2006

Extraction: (Type) SPE Date Extracted: 11/08/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/09/2006

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\OB0906.b\OB090621.D

Date : 09-NOV-2006 22:50

Client ID: MW-3-2

Instrument: Oscar.i

Sample Info: JPL22-022 METHOD 8330

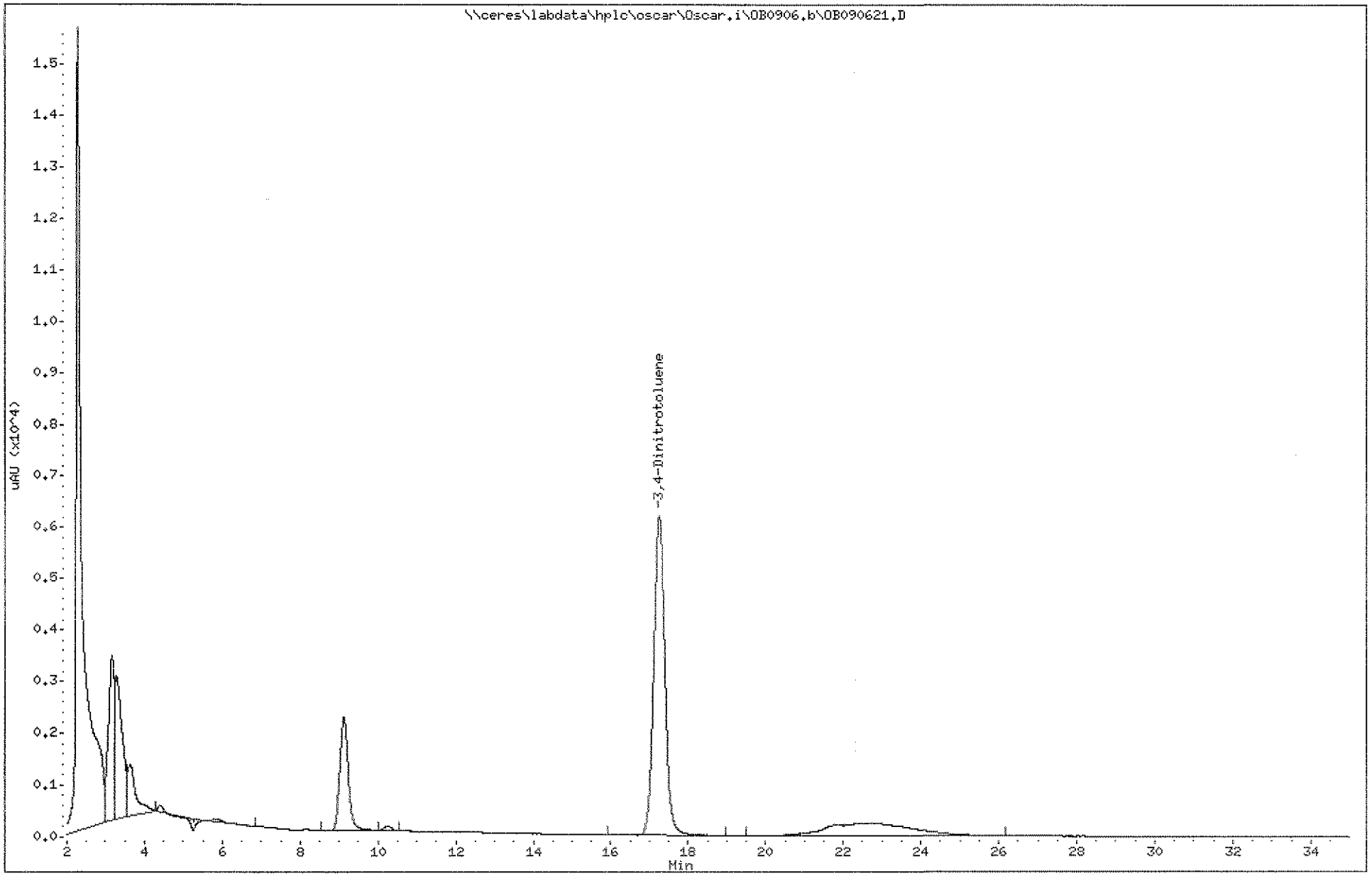
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 64



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB0906.b/OB090621.D
Injection Date : 09-NOV-2006 22:50
Sample Info : JPL22-022 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-022 Client ID : MW-3-2
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: 970.0 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Concentrations Final ug/L
	2.28		15547		
	3.16		3194		
	3.28		2761		
	3.63		1012		
	5.86		57		
	9.12		2187		
	10.24		94		
3,4-Dinitrotoluene	17.24	16.82 - 17.32	6198	795.75	8.20
	22.64		242		

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.

DUPE-2-4Q06

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

SDG No.: JPL22 Run Sequence: R013089

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-023

Sample wt/vol: 960.0 (g/mL) mL Lab File ID: OB090622.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/07/2006

Extraction: (Type) SPE Date Extracted: 11/08/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/09/2006

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\OB0906.b\OB090622.D

Date : 09-NOV-2006 23:27

Client ID: DUPE-2-4Q06

Instrument: Oscar.i

Sample Info: JPL22-023 METHOD 8330

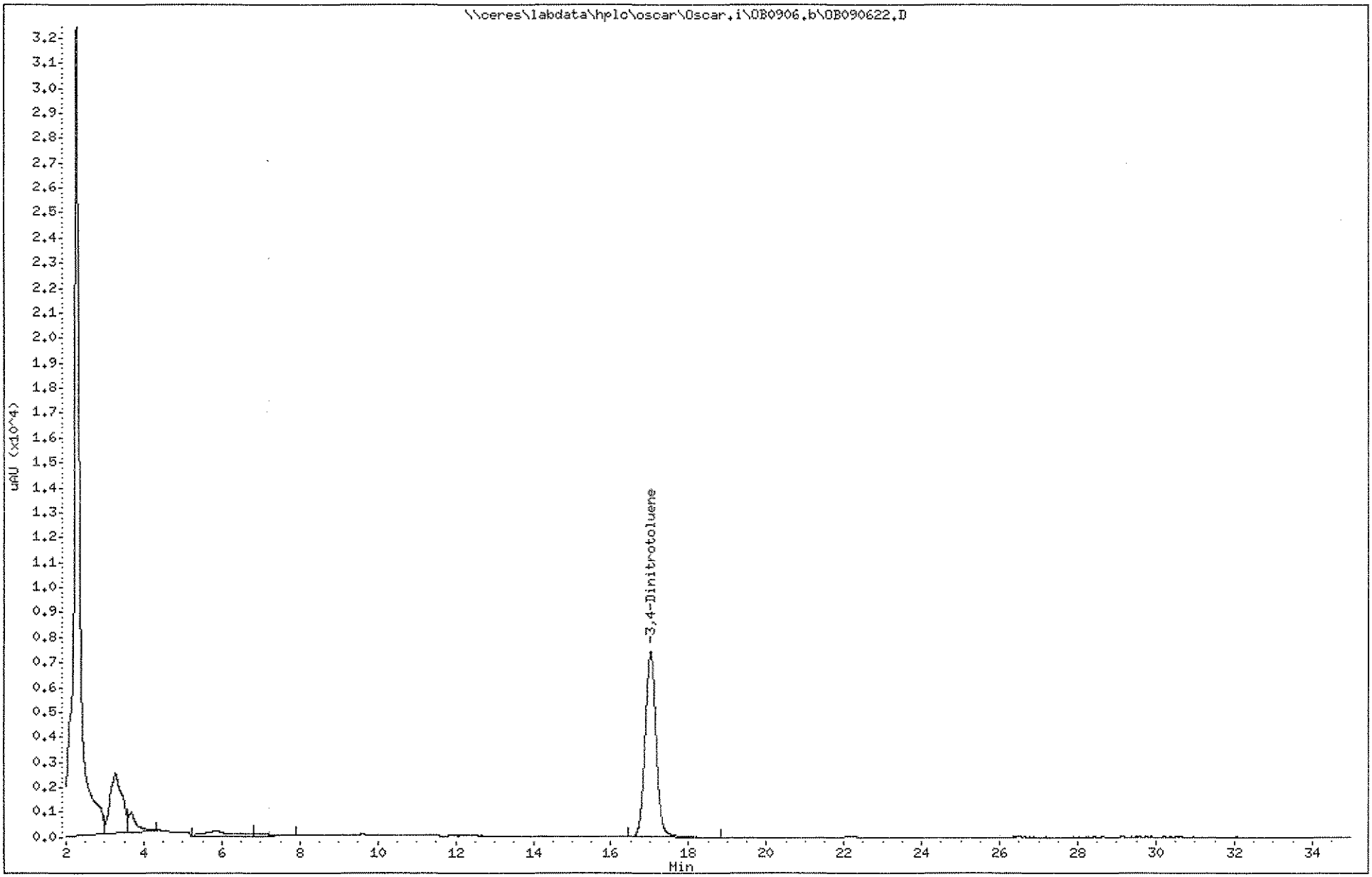
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 67



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB0906.b/OB090622.D
Injection Date : 09-NOV-2006 23:27
Sample Info : JPL22-023 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-023 Client ID : DUPE-2-4Q06
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: 960.0 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	1.82		2633		
	2.27		32313		
	3.28		2404		
	3.68		776		
	5.85		231		
	6.98		85		
3,4-Dinitrotoluene	17.02	16.82 - 17.32	7430	953.93	9.94

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-9-11/7/06

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

SDG No.: JPL22 Run Sequence: R013089

Matrix: (SOIL/WATER) Water Lab Sample ID: JPL22-024

Sample wt/vol: 1000.0 (g/mL) mL Lab File ID: OB090623.D

% Moisture: _____ Decanted: (Y/N) N Date Collected: 11/07/2006

Extraction: (Type) SPE Date Extracted: 11/08/2006

Concentrated Extract Volume: 5000.0 (uL) Date Analyzed: 11/10/2006

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\OB0906.b\OB090623.D

Page 1

Date : 10-NOV-2006 00:04

Client ID: EB-9-11/7/06

Instrument: Oscar.i

Sample Info: JPL22-024 METHOD 8330

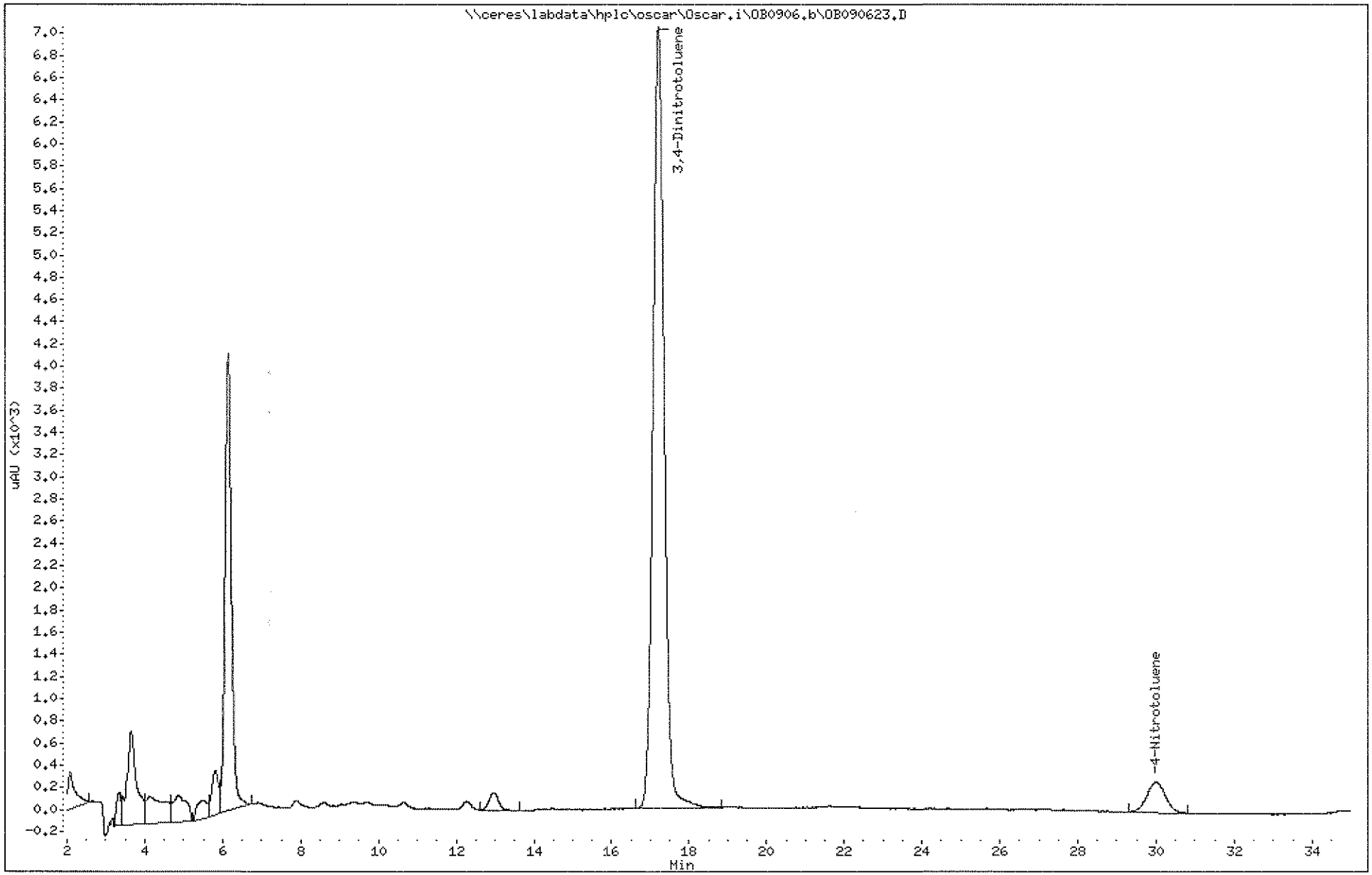
Volume Injected (uL): 50.0

Operator: MY

Column phase: C18

Column diameter: 4.60

ORD - 70



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/oscar/Oscar.i/OB0906.b/OB090623.D
Injection Date : 10-NOV-2006 00:04
Sample Info : JPL22-024 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-024 Client ID : EB-9-11/7/06
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
	2.08		287		
	3.34		299		
	3.65		827		
	4.13		242		
	4.86		240		
	5.49		156		
	5.81		390		
	6.14		4114		
	12.97		163		
3,4-Dinitrotoluene	17.21	16.82 - 17.32	7043	904.24	9.04
4-Nitrotoluene	30.01	29.54 - 30.34	273	80.348	0.804

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\FB1006.b\FB100612.D

Page 1

Date : 10-NOV-2006 19:23

Client ID: EB-9-11/7/06

Instrument: Felix.i

Sample Info: JPL22-024 METHOD 8330

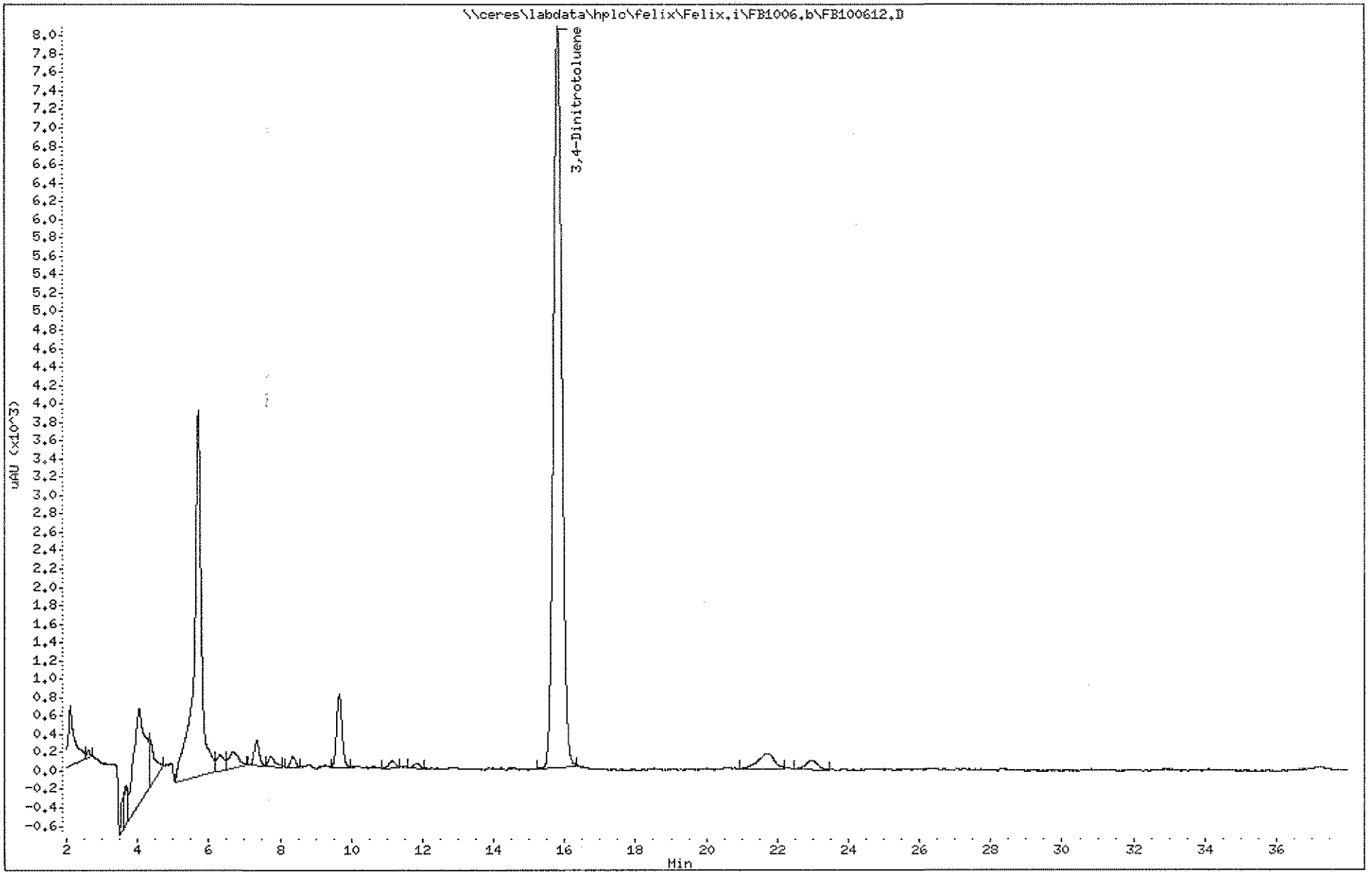
Volume Injected (uL): 50.0

Operator: ap

Column phase: EtPh

Column diameter: 4.60

ORD - 72



Laucks Testing Labs
Quantitation Report

Data File : //ceres/labdata/hplc/felix/Felix.i/FB1006.b/FB100612.D
Injection Date : 10-NOV-2006 19:23
Sample Info : JPL22-024 METHOD 8330
Misc. Info : Method 8330
Laboratory ID : JPL22-024
Instrument ID : Felix.i
Method : 050806syn.m
Quantitation : ESTD
Dilution Factor : 2.00
Column : EtPh

Client ID : EB-9-11/7/06
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: 1000 ml
InjectionVol: 50.00 ul

Compound	RT	RT Window	Response	Concentrations Soln ng/mL	Final ug/L
	2.11		616		
	2.62		89		
	3.57		353		
	3.68		430		
	4.05		1034		
	4.36		495		
	5.71		3977		
	6.32		176		
	6.67		164		
	7.34		274		
	8.35		121		
	9.66		788		
	11.14		73		
	11.84		51		
3,4-Dinitrotoluene	15.81	15.48 - 15.98	8064	969.10	9.69
	21.75		161		
	22.97		96		

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

Metals Data

JPL22

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

SOW No.:

Sample No.	Lab Sample ID
MW-17-4	JPL22-001
MW-17-3	JPL22-002
EB-5-11/1/06	JPL22-003
EB-5-11/1/06MS	JPL22-003MS
EB-5-11/1/06MSD	JPL22-003MSD
EB-6-11/2/06	JPL22-006
DUPE-1-4Q06	JPL22-007
MW-17-1	JPL22-008
MW-17-2	JPL22-009
MW-14-5	JPL22-010
MW-14-4	JPL22-011
MW-14-3	JPL22-012
MW-14-2	JPL22-013
MW-14-2MS	JPL22-013MS
MW-14-2MSD	JPL22-013MSD
MW-14-1	JPL22-014
EB-7-11/3/06	JPL22-015
MW-3-5	JPL22-017
MW-3-4	JPL22-018
EB-8-11/6/06	JPL22-019
MW-3-3	JPL22-021

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: [signature] Name: JOHN M. PHILLIPS

Date: 11/21/06 Title: CHEMIST

SW-846

COVER PAGE-INORGANIC ANALYSES DATA PACKAGE

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

SOW No.:

Sample No.	Lab Sample ID
MW-3-3MS	JPL22-021MS
MW-3-3MSD	JPL22-021MSD
MW-3-2	JPL22-022
DUPE-2-4Q06	JPL22-023
EB-9-11/7/06	JPL22-024

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: John A. Phillips

Date: 11/21/06 Title: Chemist

MET - 3

Metals Analysis Data Sheets

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-17-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-001

Level (low/med): LOW Date Received: 11/02/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.12				R012787
7440-31-5	Tin	10.0	U			R012787

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-17-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-002

Level (low/med): LOW Date Received: 11/02/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.71				R012787
7440-31-5	Tin	10.0	U			R012787

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-5-11/1/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-003

Level (low/med): LOW Date Received: 11/02/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.85				R012787
7440-31-5	Tin	10.0	U			R012787

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts: No

Comment

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-6-11/2/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-006

Level (low/med): LOW Date Received: 11/03/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U			R012787
7440-31-5	Tin	10.0	U			R012787

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-1-4Q06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-007

Level (low/med): LOW Date Received: 11/03/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.42				R012787
7440-31-5	Tin	10.0	U			R012787

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-17-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-008

Level (low/med): LOW Date Received: 11/03/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U			R012787
7440-31-5	Tin	10.0	U			R012787

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-17-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-009

Level (low/med): LOW Date Received: 11/03/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.32				R012787
7440-31-5	Tin	10.0	U			R012787

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-14-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-010

Level (low/med): LOW Date Received: 11/06/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.57				R012787

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-14-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-011

Level (low/med): LOW Date Received: 11/06/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.14				R012787

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-14-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-012

Level (low/med): LOW Date Received: 11/06/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.11				R012787

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-14-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-013

Level (low/med): LOW Date Received: 11/06/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.48				R012787

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-14-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-014

Level (low/med): LOW Date Received: 11/06/2006

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.84				R012787

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-7-11/3/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-015

Level (low/med): LOW Date Received: 11/06/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.35				R012787

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-3-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-017

Level (low/med): LOW Date Received: 11/07/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.43				R012787
7440-31-5	Tin	10.0	U			R012787

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-3-4

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-018

Level (low/med): LOW Date Received: 11/07/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.20				R012787
7440-31-5	Tin	10.0	U			R012787

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-8-11/6/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-019

Level (low/med): LOW Date Received: 11/07/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.71				R012787
7440-31-5	Tin	10.0	U			R012787

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-3-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-021

Level (low/med): LOW Date Received: 11/08/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.27				R012787
7440-31-5	Tin	10.0	U			R012787

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-3-2

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-022

Level (low/med): LOW Date Received: 11/08/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.15				R012787
7440-31-5	Tin	10.0	U			R012787

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-2-4Q06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-023

Level (low/med): LOW Date Received: 11/08/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.08				R012787
7440-31-5	Tin	10.0	U			R012787

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-9-11/7/06

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL22

Matrix (soil/water): Water Lab Sample ID: JPL22-024

Level (low/med): LOW Date Received: 11/08/2006

% Solids:

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.69				R012787
7440-31-5	Tin	10.0	U			R012787

Color Before: Colorless Clarity Before: Clear Texture:

Color After: Colorless Clarity After: Clear Artifacts: No

Comment

Miscellaneous Inorganic Data

JPL22

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: LAUCKS TESTING LABS, INC.

Lab Code: LAUCKS SDG No.: JPL22

Client Identification	Lab Sample Work Order Number
MW-17-4	JPL22-001 DL
MW-17-3	JPL22-002 DL
EB-5-11/1/06	JPL22-003
EB-5-11/1/06MS	JPL22-003MS DL
EB-5-11/1/06MSD	JPL22-003MSD DL
EB-6-11/2/06	JPL22-006
DUPE-1-4Q06	JPL22-007
MW-17-1	JPL22-008
MW-17-1MS	JPL22-008MS
MW-17-1MSD	JPL22-008MSD
MW-17-2	JPL22-009
MW-14-5	JPL22-010 DL
MW-14-4	JPL22-011 DL
MW-14-3	JPL22-012 DL
MW-14-2	JPL22-013 DL
MW-14-2MS	JPL22-0MS DL
MW-14-2MSD	JPL22-0MSD DL
MW-14-1	JPL22-014 DL
EB-7-11/3/06	JPL22-015
MW-3-5	JPL22-017
MW-3-4	JPL22-018

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.: JPL22

Client Identification	Lab Sample Work Order Number
EB-8-11/6/06	JPL22-019
MW-3-3	JPL22-021
MW-3-3MS	JPL22-021MS
MW-3-3MSD	JPL22-021MSD
MW-3-2	JPL22-022
DUPE-2-4Q06	JPL22-023
EB-9-11/7/06	JPL22-024

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: JPL22

Sample Number: MW-17-4 **Date/Time Collected:** 11/01/2006 08:06

Lab Sample ID: JPL22-001 **Date/Time Received:** 11/02/2006 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	11/14/2006	11/15/2006	R012511

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	11/15/2006	11/15/2006	R012750

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL22

Sample Number: MW-17-3 **Date/Time Collected:** 11/01/2006 10:33

Lab Sample ID: JPL22-002 **Date/Time Received:** 11/02/2006 08:30

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

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	5.9		4.0	2.2	11/14/2006	11/15/2006	R012511

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	31		0.20	0.080	11/15/2006	11/15/2006	R012750

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL22

Sample Number: EB-5-11/1/06 **Date/Time Collected:** 11/01/2006 11:51

Lab Sample ID: JPL22-003 **Date/Time Received:** 11/02/2006 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	11/14/2006	11/15/2006	R012511

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: JPL22

Sample Number: EB-6-11/2/06 **Date/Time Collected:** 11/02/2006 13:22

Lab Sample ID: JPL22-006 **Date/Time Received:** 11/03/2006 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	11/06/2006	11/07/2006	R012190

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	0.025		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: JPL22

Sample Number: DUPE-1-4Q06 **Date/Time Collected:** 11/02/2006 00:00

Lab Sample ID: JPL22-007 **Date/Time Received:** 11/03/2006 08:30

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

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	13		4.0	2.2	11/06/2006	11/07/2006	R012190

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	28		0.20	0.080	11/15/2006	11/15/2006	R012750

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL22

Sample Number: MW-17-1 **Date/Time Collected:** 11/02/2006 13:38

Lab Sample ID: JPL22-008 **Date/Time Received:** 11/03/2006 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	11/06/2006	11/07/2006	R012190

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: JPL22

Sample Number: MW-17-2 **Date/Time Collected:** 11/02/2006 08:13

Lab Sample ID: JPL22-009 **Date/Time Received:** 11/03/2006 08:30

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

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	14		4.0	2.2	11/06/2006	11/07/2006	R012190

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:	JPL22		
Sample Number:	MW-14-5	**Date/Time Collected:**	11/03/2006 07:48
Lab Sample ID:	JPL22-010	**Date/Time Received:**	11/06/2006 11:00
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	11/14/2006	11/15/2006	R012511

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL22		
Sample Number:	MW-14-4	**Date/Time Collected:**	11/03/2006 08:17
Lab Sample ID:	JPL22-011	**Date/Time Received:**	11/06/2006 11:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	2.2	11/14/2006	11/15/2006	R012511

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL22		
Sample Number:	MW-14-3	**Date/Time Collected:**	11/03/2006 08:47
Lab Sample ID:	JPL22-012	**Date/Time Received:**	11/06/2006 11:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	2.2	11/14/2006	11/15/2006	R012511

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL22		
Sample Number:	MW-14-2	**Date/Time Collected:**	11/03/2006 09:13
Lab Sample ID:	JPL22-013	**Date/Time Received:**	11/06/2006 11:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	2.2	11/14/2006	11/15/2006	R012511

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL22		
Sample Number:	MW-14-1	**Date/Time Collected:**	11/03/2006 10:08
Lab Sample ID:	JPL22-014	**Date/Time Received:**	11/06/2006 11:00
Method:	E314.0	**Unit:**	ug/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0	U	4.0	2.2	11/14/2006	11/15/2006	R012511

Laucks Testing Laboratories, Inc.

Final Results

Client:	Battelle	**Project:**	JPL Groundwater Monitoring
SDG Number:	JPL22		
Sample Number:	EB-7-11/3/06	**Date/Time Collected:**	11/03/2006 09:56
Lab Sample ID:	JPL22-015	**Date/Time Received:**	11/06/2006 11:00
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	11/14/2006	11/15/2006	R012511

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Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL22

Sample Number: MW-3-5 **Date/Time Collected:** 11/06/2006 08:20

Lab Sample ID: JPL22-017 **Date/Time Received:** 11/07/2006 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	11/15/2006	11/16/2006	R012566

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	5.6		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: JPL22

Sample Number: MW-3-4 **Date/Time Collected:** 11/06/2006 11:05

Lab Sample ID: JPL22-018 **Date/Time Received:** 11/07/2006 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	11/15/2006	11/16/2006	R012566

Method: E370.1 **Unit:** mg/L

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Silica, Dissolved (as SiO2)	7631-86-9	5	11		0.10	0.040	11/29/2006	11/29/2006	R012969

Laucks Testing Laboratories, Inc.

Final Results

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

SDG Number: JPL22

Sample Number: EB-8-11/6/06 **Date/Time Collected:** 11/06/2006 10:45

Lab Sample ID: JPL22-019 **Date/Time Received:** 11/07/2006 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	11/15/2006	11/16/2006	R012566

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	0.027		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: JPL22

Sample Number: MW-3-3 **Date/Time Collected:** 11/07/2006 07:50

Lab Sample ID: JPL22-021 **Date/Time Received:** 11/08/2006 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	11/15/2006	11/16/2006	R012566

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: JPL22

Sample Number: MW-3-2 **Date/Time Collected:** 11/07/2006 11:41

Lab Sample ID: JPL22-022 **Date/Time Received:** 11/08/2006 08:30

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

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	78		2.0	1.1	11/15/2006	11/16/2006	R012566

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: JPL22

Sample Number: DUPE-2-4Q06 **Date/Time Collected:** 11/07/2006 00:00

Lab Sample ID: JPL22-023 **Date/Time Received:** 11/08/2006 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	11/15/2006	11/16/2006	R012566

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: JPL22

Sample Number: EB-9-11/7/06 **Date/Time Collected:** 11/07/2006 11:23

Lab Sample ID: JPL22-024 **Date/Time Received:** 11/08/2006 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	11/15/2006	11/16/2006	R012566

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	0.025		0.020	0.0080	11/15/2006	11/15/2006	R012741

SAMPLE DATA

SDG JPL23

VOLATILES ANALYSIS

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-4

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

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/09/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 15:55

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	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-4-4

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

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/09/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/15/2006 15:55

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

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

Heated Purge: (Y/N) N

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-4

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

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/09/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 15:55

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

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

Heated Purge: (Y/N) N

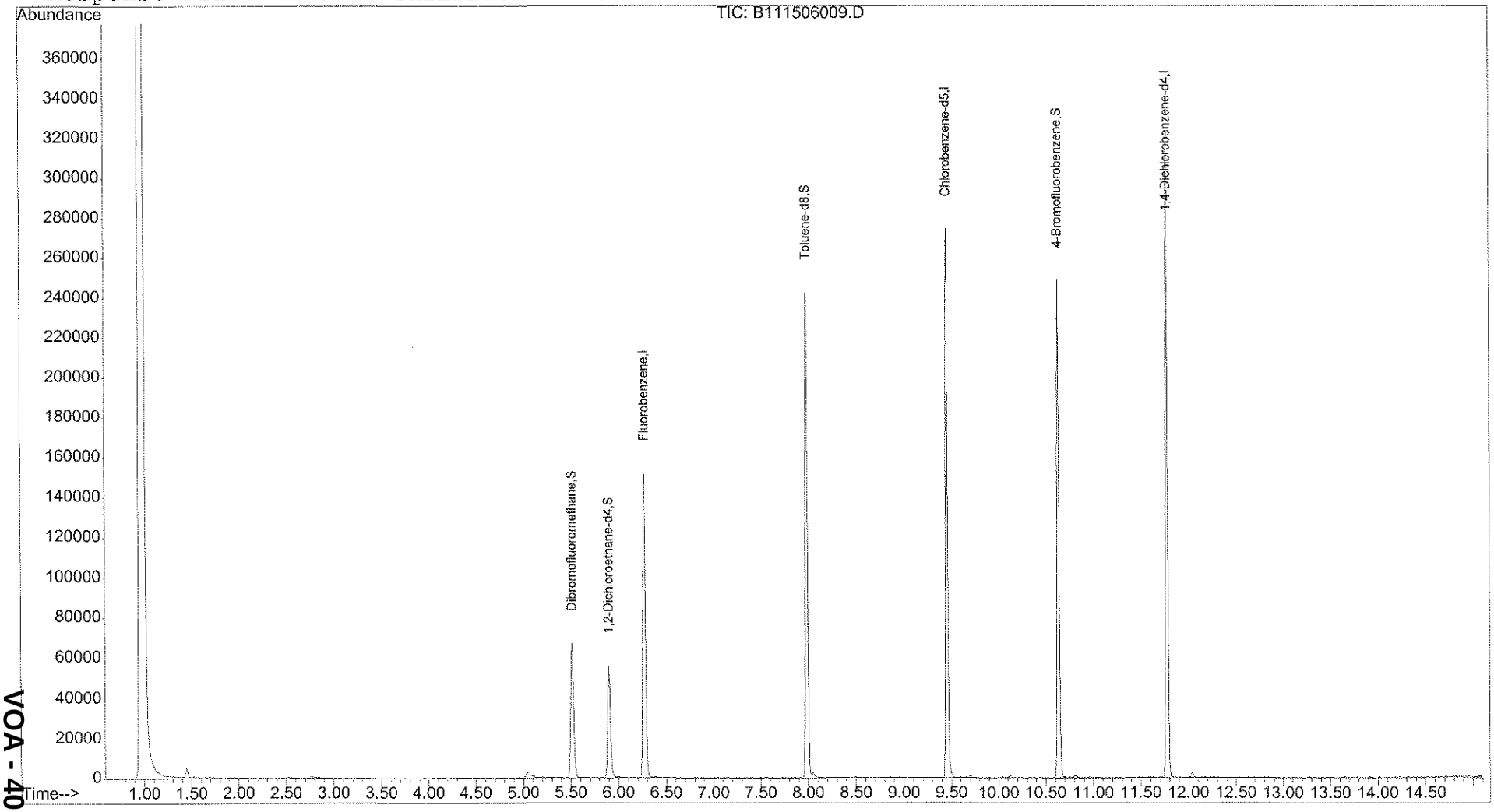
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111506\B111506009.D Vial: 18
Acq On : 15 Nov 2006 15:55 Operator: LH
Sample : JPL23-006 MW-4-4 Inst : Buddha
Misc : 25ML+IS/SS #5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 9:59 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



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Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506009.D Vial: 18
Acq On : 15 Nov 2006 15:55 Operator: LH
Sample : JPL23-006 MW-4-4 Inst : Buddha
Misc : 25ML+IS/SS #5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 9:59 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

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	6.27	96	127104	10.00 ug/l	0.00
51) Chlorobenzene-d5	9.46	82	71136	10.00 ug/l	0.00
71) 1,4-Dichlorobenzene-d4	11.78	152	75548	10.00 ug/l	0.00
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	41898	11.72 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	49400	13.50 ug/l	0.00
52) Toluene-d8	7.99	98	140341	10.05 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	62272	11.56 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	2.53	43	279	N.D.	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.62	76	63	N.D.	
15) Allyl chloride	0.00	76	0	N.D.	
16) Acetonitrile	0.00	40	0	N.D.	
17) Methyl Acetate	2.92	43	80	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	35	N.D.	
23) 1,1-Dichloroethane	0.00	63	0	N.D.	
24) Chloroprene	4.11	53	30	N.D.	
25) 2,2-Dichloropropane	0.00	77	0	N.D.	
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
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	38	~~Below Cal # 22~~	
33) 1,1,1-Trichloroethane	0.00	97	0	N.D.	

MH 11/8/06

(#) = qualifier out of range (m) = manual integration
B111506009.D 826025ML.M Thu Nov 16 09:59:09 2006

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506009.D Vial: 18
Acq On : 15 Nov 2006 15:55 Operator: LH
Sample : JPL23-006 MW-4-4 Inst : Buddha
Misc : 25ML+IS/SS #5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 9:59 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
34) Cyclohexane	5.60	56	30	N.D.	
35) Carbon Tetrachloride	0.00	117	0	N.D.	
36) Isobutanol	0.00	43	0	N.D.	d
37) 1,1-Dichloropropene	5.75	75	38	N.D.	
39) Benzene	5.91	78	65	N.D.	
40) 1,2-Dichloroethane	0.00	62	0	N.D.	
41) Trichloroethene	6.66	130	39	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	6.96	41	32	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	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	8.05	92	444	N.D.	
54) Ethyl methacrylate	8.50	69	29	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	8.61	166	39	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	8.92	107	35	N.D.	
62) Chlorobenzene	9.45	112	38	N.D.	
63) 1-Chlorohexane	9.58	91	249	N.D.	
64) Ethylbenzene	9.58	91	249	N.D.	
65) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66) m,p-Xylene	9.71	106	82	N.D.	
67) o-xylene	10.11	106	39	N.D.	
68) Styrene	10.12	104	391	N.D.	
69) Bromoform	0.00	173	0	N.D.	
70) Isopropylbenzene	10.63	105	73	N.D.	
73) 1,1,2,2-Tetrachloroethane	10.65	83	31	N.D.	
74) n-Propylbenzene	0.00	120	0	N.D.	
75) trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
76) Bromobenzene	10.57	156	32	N.D.	
77) 1,2,3-Trichloropropane	0.00	110	0	N.D.	
78) 2-Chlorotoluene	10.96	91	55	N.D.	
79) 1,3,5-Trimethylbenzene	11.06	105	34	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506009.D Vial: 18
Acq On : 15 Nov 2006 15:55 Operator: LH
Sample : JPL23-006 MW-4-4 Inst : Buddha
Misc : 25ML+IS/SS #5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 9:59 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
80)	4-Chlorotoluene	11.06	91	68	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.58	105	57	N.D.		
83)	sec-butylbenzene	11.58	105	57	N.D.		
84)	4-Isopropyltoluene	11.76	119	32	N.D.		
85)	1,3-Dichlorobenzene	11.78	111	1274	N.D.		
86)	1,4-Dichlorobenzene	11.80	146	104	N.D.		
87)	n-Butylbenzene	12.13	91	31	N.D.		
88)	1,2-Dichlorobenzene	12.18	146	31	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	13.91	225	36	N.D.		
92)	Naphthalene	0.00	128	0	N.D.	d	
93)	1,2,3-Trichlorobenzene	14.17	180	29	N.D.		

(#) = qualifier out of range (m) = manual integration
B111506009.D 826025ML.M Thu Nov 16 09:59:10 2006 Page 3

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-3

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

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/09/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 16:25

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.36	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-3

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

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/09/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 16:25

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	1.7	
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.42	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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-3

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

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/09/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/15/2006 16:25

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

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

Heated Purge: (Y/N) N

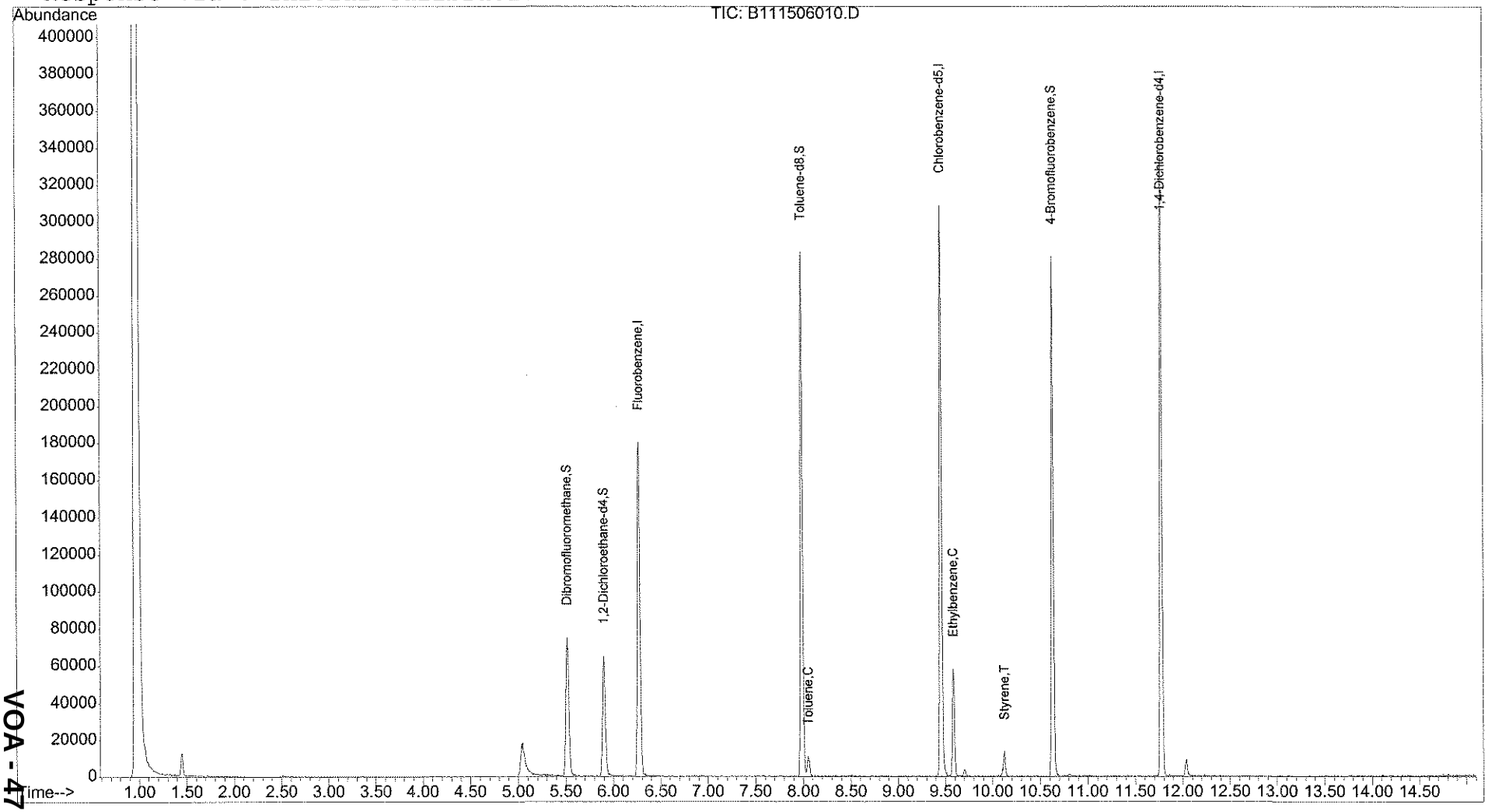
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111506\B111506010.D Vial: 19
Acq On : 15 Nov 2006 16:25 Operator: LH
Sample : JPL23-007 MW-4-3 Inst : Buddha
Misc : 25ML+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 6 14:12 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



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Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506010.D Vial: 19
Acq On : 15 Nov 2006 16:25 Operator: LH
Sample : JPL23-007 MW-4-3 Inst : Buddha
Misc : 25ML+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 6 14:12 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.27	96	149704	10.00	ug/l	0.00
51) Chlorobenzene-d5	9.45	82	82439	10.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	11.77	152	82993	10.00	ug/l	0.00
System Monitoring Compounds						
32) Dibromofluoromethane	5.51	111	48474	11.51	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	55602	12.90	ug/l	0.00
52) Toluene-d8	7.99	98	162349	10.03	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	70100	11.85	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	1.33	62	419	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	2.61	76	460	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.	d	
22) Vinyl acetate	0.00	43	0	N.D.		
23) 1,1-Dichloroethane	4.01	63	36	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) Propionitrile	0.00	54	0	N.D.	d	
28) 2-Butanone	0.00	43	0	N.D.	d	
29) Bromochloromethane	0.00	128	0	N.D.		
30) Methacrylonitrile	5.27	41	40	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\BUDDHA\111506\B111506010.D Vial: 19
Acq On : 15 Nov 2006 16:25 Operator: LH
Sample : JPL23-007 MW-4-3 Inst : Buddha
Misc : 25ML+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 6 14:12 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
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	5.66	75	42	N.D.	
39)	Benzene	5.92	78	688	N.D.	
40)	1,2-Dichloroethane	5.90	62	44	N.D.	
41)	Trichloroethene	6.80	130	32	N.D.	
42)	Methylcyclohexane	6.85	83	60	N.D.	
43)	1,2-Dichloropropane	6.94	63	38	Below Cal #	45
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	7.28	41	33	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	7.35	83	36	N.D.	
49)	cis-1,3-Dichloropropene	7.76	75	41	N.D.	
50)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
53)	Toluene	8.05	92	3866	0.36 ug/l	97
54)	Ethyl methacrylate	8.37	69	31	N.D.	
55)	trans-1,3-Dichloropropene	8.49	75	30	N.D.	
56)	1,1,2-Trichloroethane	8.67	97	31	N.D.	
57)	Tetrachloroethene	8.60	166	32	N.D.	
58)	2-Hexanone	0.00	43	0	N.D. d	
59)	1,3-Dichloropropane	8.72	76	30	N.D.	
60)	Dibromochloromethane	9.05	129	30	N.D.	
61)	1,2-Dibromoethane	9.14	107	31	N.D.	
62)	Chlorobenzene	9.47	112	365	N.D.	
63)	1-Chlorohexane	0.00	91	0	N.D. d	
64)	Ethylbenzene	9.59	91	35505	1.69 ug/l	92
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66)	m,p-Xylene	9.70	106	1135	N.D.	
67)	o-xylene	10.12	106	87	N.D.	
68)	Styrene	10.13	104	5466	0.42 ug/l	92
69)	Bromoform	10.36	173	33	N.D.	
70)	Isopropylbenzene	10.47	105	109	N.D.	
73)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
74)	n-Propylbenzene	10.87	120	34	N.D.	
75)	trans-1,4-Dichloro-2-buten	10.47	53	49	N.D.	
76)	Bromobenzene	0.00	156	0	N.D.	
77)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
78)	2-Chlorotoluene	10.95	91	67	N.D.	
79)	1,3,5-Trimethylbenzene	11.05	105	54	N.D.	

JW 12/14/06

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

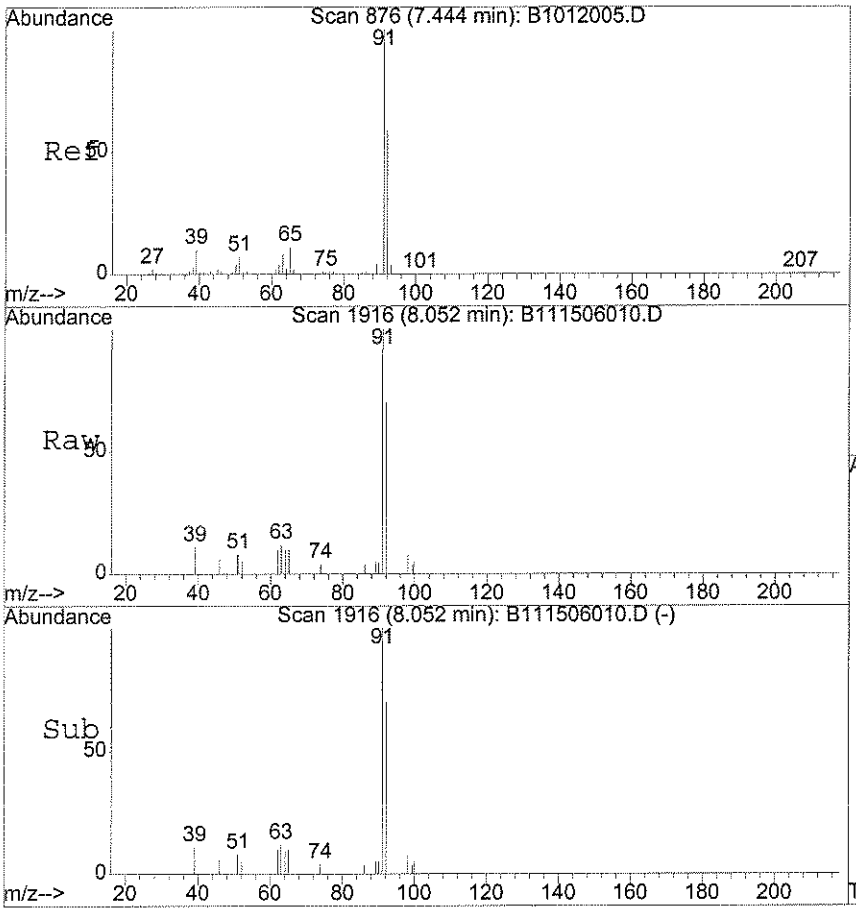
Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506010.D Vial: 19
Acq On : 15 Nov 2006 16:25 Operator: LH
Sample : JPL23-007 MW-4-3 Inst : Buddha
Misc : 25ML+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 6 14:12 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
80)	4-Chlorotoluene	11.09	91	37	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.42	105	277	N.D.		
83)	sec-butylbenzene	11.59	105	35	N.D.		
84)	4-Isopropyltoluene	11.73	119	44	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d	
86)	1,4-Dichlorobenzene	11.80	146	32	N.D.		
87)	n-Butylbenzene	12.13	91	48	N.D.		
88)	1,2-Dichlorobenzene	12.17	146	97	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	13.91	225	37	N.D.		
92)	Naphthalene	0.00	128	0	N.D.	d	
93)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

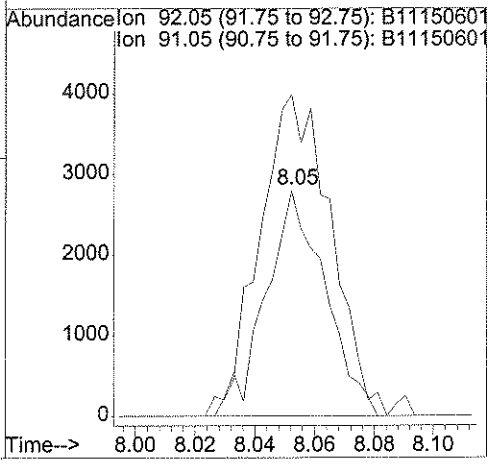
(#) = qualifier out of range (m) = manual integration

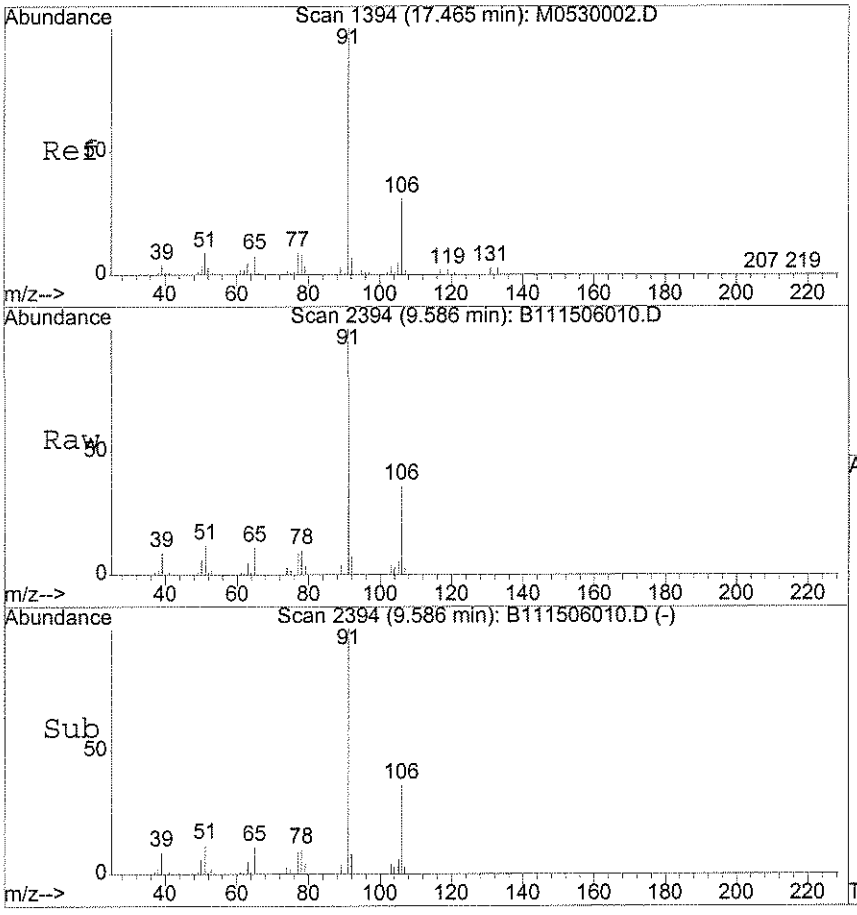


#53
Toluene
Concen: 0.36 ug/l
RT: 8.05 min Scan# 1916
Delta R.T. 0.00 min
Lab File: B111506010.D
Acq: 15 Nov 2006 16:25

Tgt Ion: 92 Resp: 3866

Ion	Ratio	Lower	Upper
92	100		
91	170.7	133.2	199.8

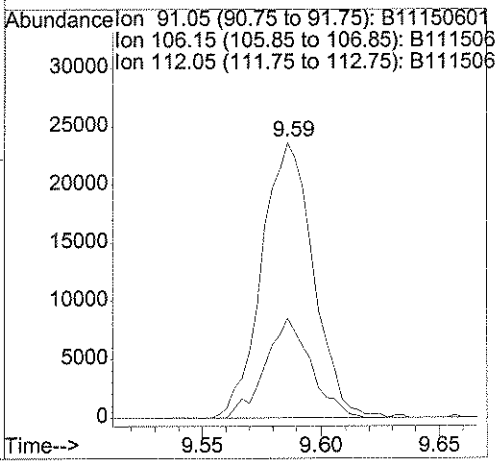


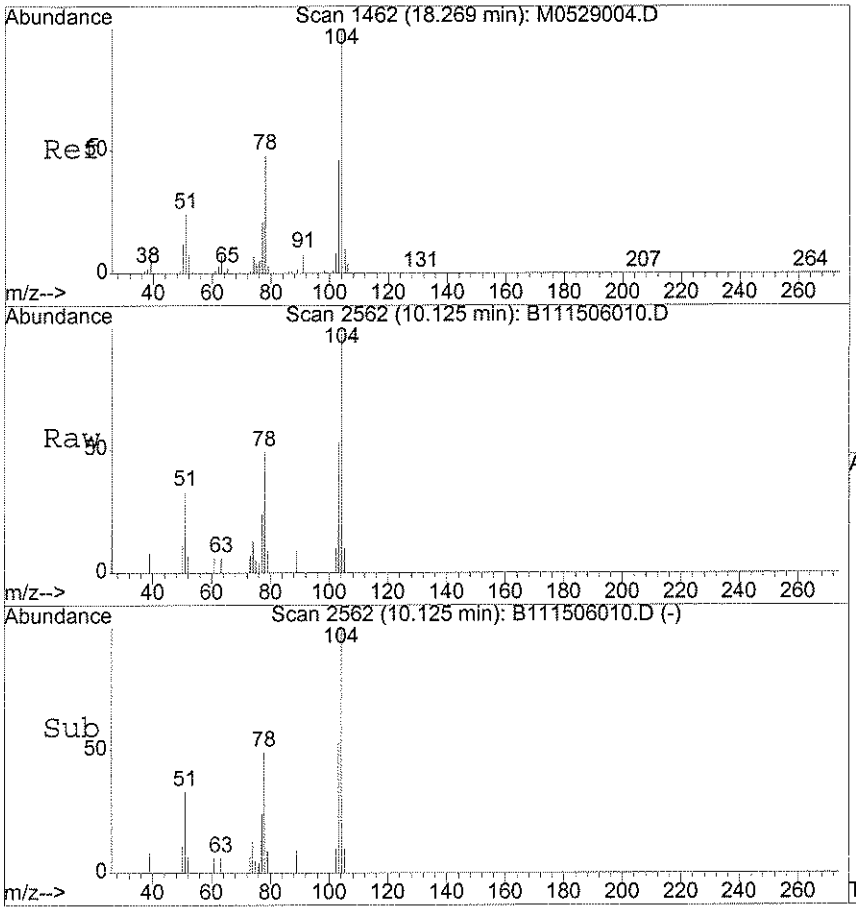


#64
Ethylbenzene
Concen: 1.69 ug/l
RT: 9.59 min Scan# 2394
Delta R.T. 0.00 min
Lab File: B111506010.D
Acq: 15 Nov 2006 16:25

Tgt Ion: 91 Resp: 35505

Ion	Ratio	Lower	Upper
91	100		
106	35.9	25.3	37.9
112	0.0	0.0	0.0

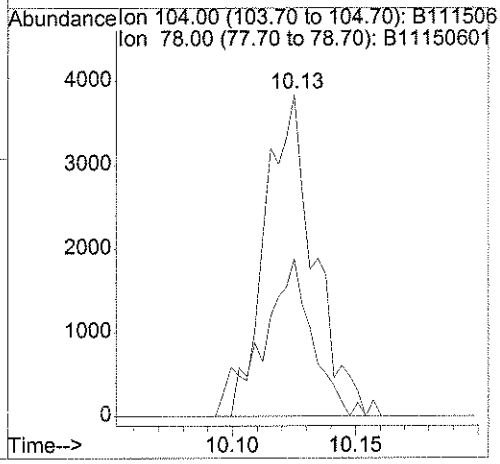




#68
Styrene
Concen: 0.42 ug/l
RT: 10.13 min Scan# 2562
Delta R.T. 0.00 min
Lab File: B111506010.D
Acq: 15 Nov 2006 16:25

Tgt Ion:104 Resp: 5466

Ion	Ratio	Lower	Upper
104	100		
78	45.3	30.7	70.7



VOLATILE ORGANICS ANALYSIS DATA SHEET

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/SED/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: 11/09/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/15/2006 16:54

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

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/SED/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: 11/09/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/15/2006 16:54

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

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

Heated Purge: (Y/N) N

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-11-11/9/06

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

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/09/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 16:54

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

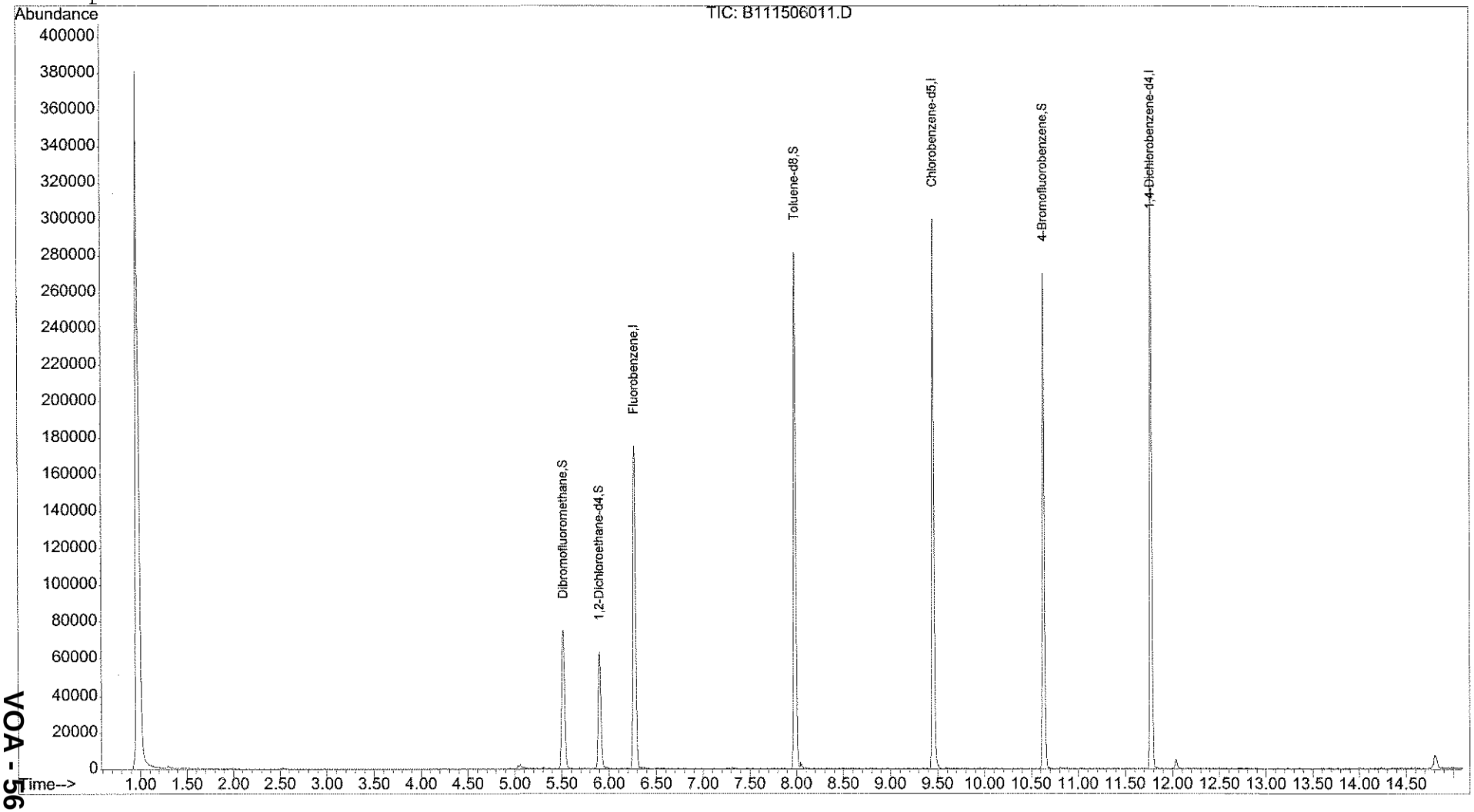
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111506\B111506011.D Vial: 20
Acq On : 15 Nov 2006 16:54 Operator: LH
Sample : JPL23-008 EB-11-11/9/06 Inst : Buddha
Misc : 25ML+IS/SS #5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 6 12:39 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



Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506011.D Vial: 20
Acq On : 15 Nov 2006 16:54 Operator: LH
Sample : JPL23-008 EB-11-11/9/06 Inst : Buddha
Misc : 25ML+IS/SS #5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 6 12:39 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.27	96	146684	10.00	ug/l	0.00
51) Chlorobenzene-d5	9.45	82	80486	10.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	11.77	152	81654	10.00	ug/l	0.00
System Monitoring Compounds						
32) Dibromofluoromethane	5.52	111	48125	11.66	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	55813	13.21	ug/l	0.00
52) Toluene-d8	7.98	98	162001	10.25	ug/l	0.00
72) 4-Bromofluorobenzene	10.64	95	67657	11.62	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	1.24	50	68	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	137	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	4.89	77	30	N.D.		
26) cis-1,2-Dichloroethene	4.88	96	39	N.D.		
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	110	~~Below Cal #~~		1
33) 1,1,1-Trichloroethane	0.00	97	0	N.D.		

(#) = qualifier out of range (m) = manual integration
B111506011.D 826025ML.M Wed Dec 06 12:40:11 2006

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506011.D Vial: 20
Acq On : 15 Nov 2006 16:54 Operator: LH
Sample : JPL23-008 EB-11-11/9/06 Inst : Buddha
Misc : 25ML+IS/SS #5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 6 12:39 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
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	5.61	75	33	N.D.		
39)	Benzene	5.91	78	43	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	6.99	63	61	~~Below Cal~~	#	45
44)	Dibromomethane	0.00	93	0	N.D.		
45)	Methyl methacrylate	7.06	41	34	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	7.29	83	36	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	100	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	0.00	97	0	N.D.		
57)	Tetrachloroethene	8.54	166	44	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.	d	
59)	1,3-Dichloropropane	8.73	76	32	N.D.		
60)	Dibromochloromethane	9.05	129	38	N.D.		
61)	1,2-Dibromoethane	0.00	107	0	N.D.		
62)	Chlorobenzene	9.47	112	62	N.D.		
63)	1-Chlorohexane	9.58	91	40	N.D.		
64)	Ethylbenzene	9.58	91	40	N.D.		
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
66)	m,p-Xylene	9.70	106	71	N.D.		
67)	o-xylene	0.00	106	0	N.D.		
68)	Styrene	10.12	104	39	N.D.		
69)	Bromoform	0.00	173	0	N.D.		
70)	Isopropylbenzene	10.63	105	46	N.D.		
73)	1,1,2,2-Tetrachloroethane	10.81	83	31	N.D.		
74)	n-Propylbenzene	10.93	120	33	N.D.		
75)	trans-1,4-Dichloro-2-buten	10.48	53	31	N.D.		
76)	Bromobenzene	10.78	156	30	N.D.		
77)	1,2,3-Trichloropropane	0.00	110	0	N.D.		
78)	2-Chlorotoluene	10.97	91	32	N.D.		
79)	1,3,5-Trimethylbenzene	11.05	105	37	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506011.D Vial: 20
Acq On : 15 Nov 2006 16:54 Operator: LH
Sample : JPL23-008 EB-11-11/9/06 Inst : Buddha
Misc : 25ML+IS/SS #5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 6 12:39 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
80)	4-Chlorotoluene	10.97	91	32	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.42	105	48	N.D.		
83)	sec-butylbenzene	11.58	105	30	N.D.		
84)	4-Isopropyltoluene	11.84	119	31	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d	
86)	1,4-Dichlorobenzene	11.80	146	29	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.		
88)	1,2-Dichlorobenzene	12.17	146	34	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	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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

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/SED/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: 11/09/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/14/2006 14:47

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.61	
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	0.49	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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

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/SED/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: 11/09/2006

% Moisture: not dec. Date/Time Analyzed: 11/14/2006 14:47

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

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

Heated Purge: (Y/N) N

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-11-11/9/06

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

SDG No.: JPL23 Run Sequence: R012634

Matrix: (SOIL/SED/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: 11/09/2006

% Moisture: not dec. Date/Time Analyzed: 11/14/2006 14:47

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

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

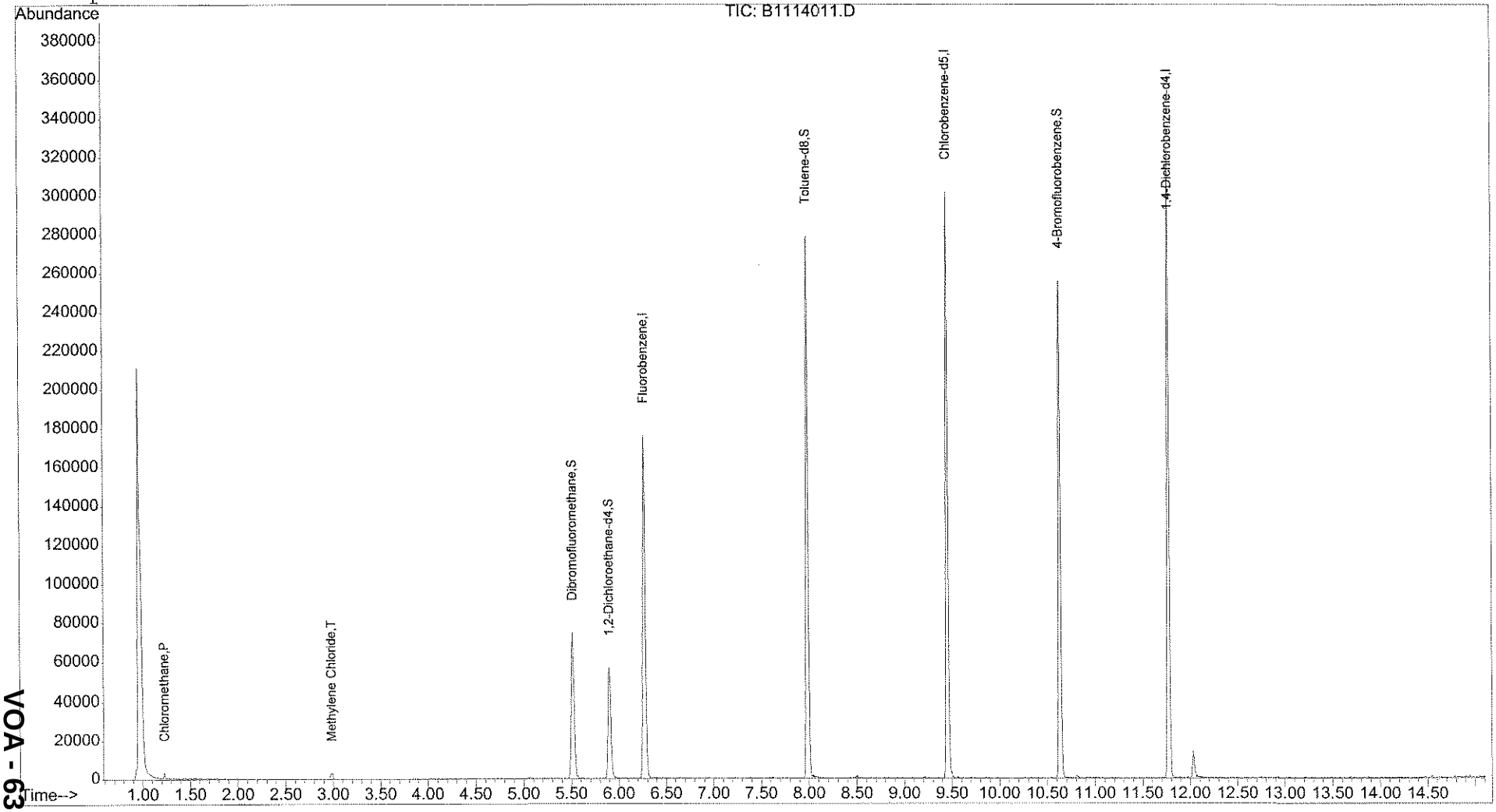
Heated Purge: (Y/N) N

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

Comments:

Data File : X:\MSVOA\BUDDHA\111406\B1114011.D Vial: 18
Acq On : 14 Nov 2006 14:47 Operator: LH
Sample : JPL23-009 TB-10-11/9/06 Inst : Buddha
Misc : 25ML +IS/SS #1 TRIP BLANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 13:10 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



Quantitation Report

Data File : X:\MSVOA\BUDDHA\111406\B1114011.D Vial: 18
Acq On : 14 Nov 2006 14:47 Operator: LH
Sample : JPL23-009 TB-10-11/9/06 Inst : Buddha
Misc : 25ML +IS/SS #1 TRIP BLANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 13:10 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	139471	10.00 ug/l	0.00 44.84%
51) Chlorobenzene-d5	9.45	82	77981	10.00 ug/l	0.00 48.72%
71) 1,4-Dichlorobenzene-d4	11.77	152	79213	10.00 ug/l	0.00 41.12%
System Monitoring Compounds					
32) Dibromofluoromethane	5.51	111	45547	11.61 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	52851	13.16 ug/l	0.00
52) Toluene-d8	7.98	98	156415	10.22 ug/l	0.00
72) 4-Bromofluorobenzene	10.64	95	66864	11.84 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.23	50	1688	0.61 ug/l	80
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	73	~~Below Cal~~ #	38
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	1750	0.49 ug/l #	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	0.00	63	0	N.D.	
24) Chloroprene	4.06	53	33	N.D.	
25) 2,2-Dichloropropane	0.00	77	0	N.D.	
26) cis-1,2-Dichloroethene	4.88	96	31	N.D.	

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

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111406\B1114011.D Vial: 18
Acq On : 14 Nov 2006 14:47 Operator: LH
Sample : JPL23-009 TB-10-11/9/06 Inst : Buddha
Misc : 25ML +IS/SS #1 TRIP BLANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 13:10 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	5.29	41	30	N.D.		
31)	Chloroform	5.39	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	0.00	75	0	N.D.		
39)	Benzene	5.92	78	36	N.D.		
40)	1,2-Dichloroethane	6.08	62	37	N.D.		
41)	Trichloroethene	0.00	130	0	N.D.		
42)	Methylcyclohexane	6.83	83	36	N.D.		
43)	1,2-Dichloropropane	0.00	63	0	N.D.		
44)	Dibromomethane	7.02	93	37	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	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	43	N.D.		
54)	Ethyl methacrylate	8.32	69	42	N.D.		
55)	trans-1,3-Dichloropropene	0.00	75	0	N.D.		
56)	1,1,2-Trichloroethane	8.53	97	30	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	9.08	129	29	N.D.		
61)	1,2-Dibromoethane	0.00	107	0	N.D.		
62)	Chlorobenzene	9.29	112	32	N.D.		
63)	1-Chlorohexane	9.59	91	35	N.D.		
64)	Ethylbenzene	9.59	91	35	N.D.		
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
66)	m,p-Xylene	0.00	106	0	N.D.		
67)	o-xylene	0.00	106	0	N.D.		
68)	Styrene	0.00	104	0	N.D.		
69)	Bromoform	0.00	173	0	N.D.		
70)	Isopropylbenzene	10.64	105	246	N.D.		
73)	1,1,2,2-Tetrachloroethane	10.63	83	89	N.D.		

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

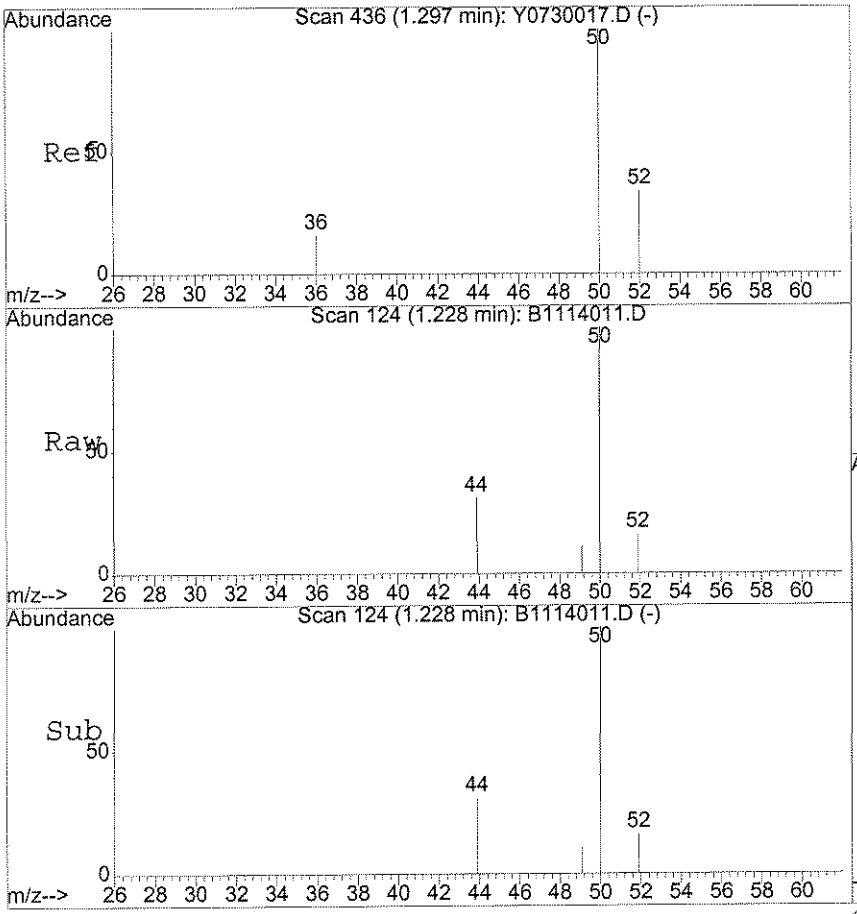
Quantitation Report

Data File : X:\MSVOA\BUDDHA\111406\B1114011.D Vial: 18
Acq On : 14 Nov 2006 14:47 Operator: LH
Sample : JPL23-009 TB-10-11/9/06 Inst : Buddha
Misc : 25ML +IS/SS #1 TRIP BLANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 13:10 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	10.64	156	39	N.D.		
77)	1,2,3-Trichloropropane	10.64	110	39	N.D.		
78)	2-Chlorotoluene	10.87	91	31	N.D.		
79)	1,3,5-Trimethylbenzene	11.00	105	37	N.D.		
80)	4-Chlorotoluene	11.08	91	30	N.D.		
81)	tert-Butylbenzene	11.08	119	34	N.D.		
82)	1,2,4-Trimethylbenzene	11.41	105	47	N.D.		
83)	sec-butylbenzene	11.41	105	47	N.D.		
84)	4-Isopropyltoluene	11.77	119	124	N.D.		
85)	1,3-Dichlorobenzene	11.76	111	419	N.D.		
86)	1,4-Dichlorobenzene	11.79	146	31	N.D.		
87)	n-Butylbenzene	12.14	91	37	N.D.		
88)	1,2-Dichlorobenzene	12.37	146	30	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.		d
90)	1,2,4-Trichlorobenzene	13.75	180	29	N.D.		
91)	Hexachlorobutadiene	13.91	225	42	N.D.		
92)	Naphthalene	0.00	128	0	N.D.		d
93)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.		

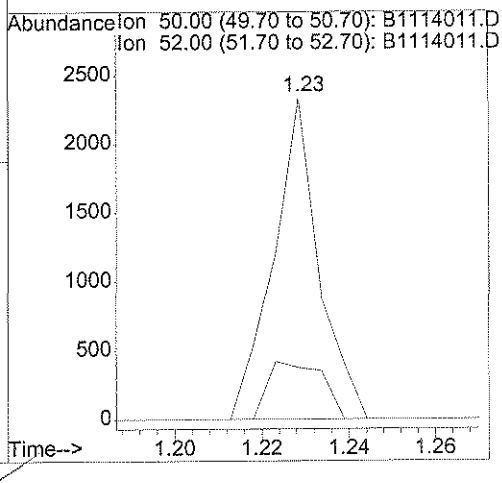
(#) = qualifier out of range (m) = manual integration

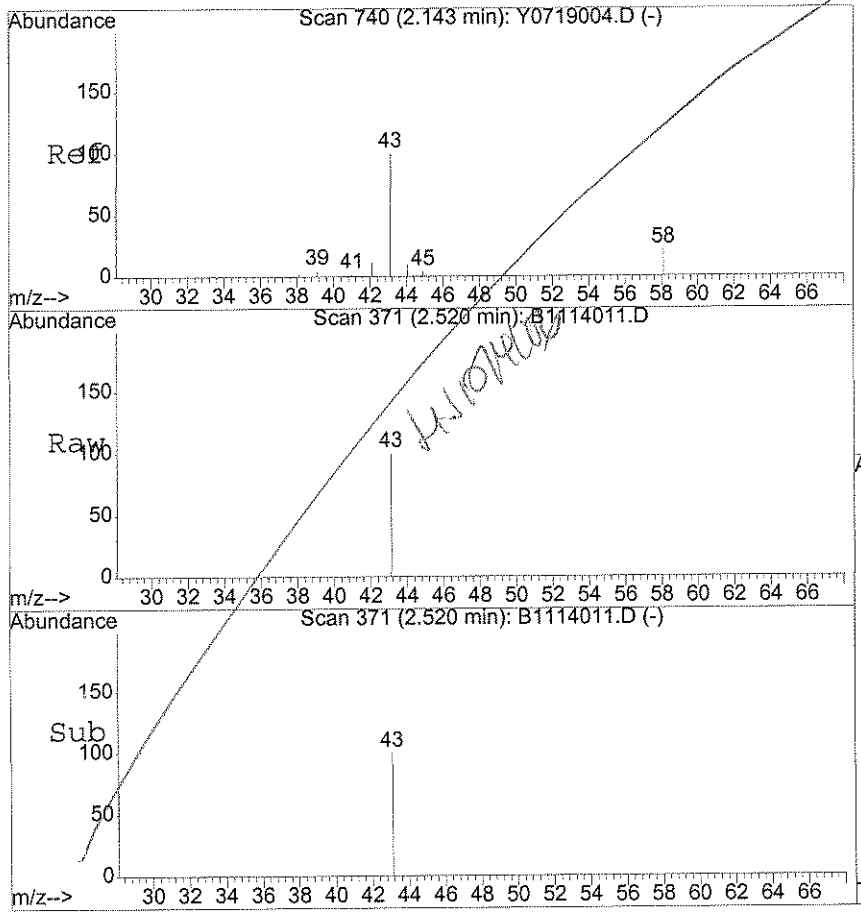


#3
Chloromethane
Concen: 0.61 ug/l
RT: 1.23 min Scan# 124
Delta R.T. 0.00 min
Lab File: B1114011.D
Acq: 14 Nov 2006 14:47

Tgt Ion: 50 Resp: 1688

Ion	Ratio	Lower	Upper
50	100		
52	21.4	12.7	52.7

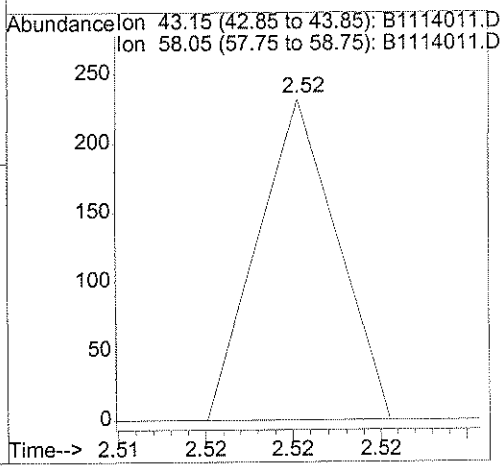


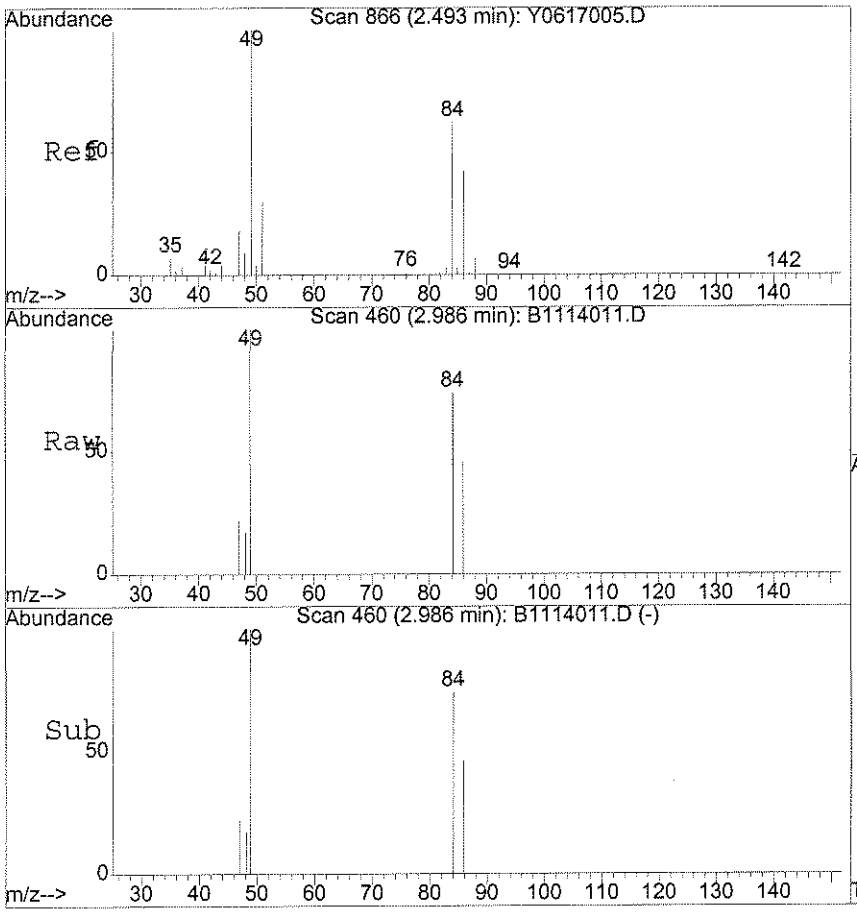


#11
Acetone
Concen: Below Cal
RT: 2.52 min Scan# 371
Delta R.T. -0.00 min
Lab File: B1114011.D
Acq: 14 Nov 2006 14:47

Tgt Ion: 43 Resp: 73

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.2	43.8#

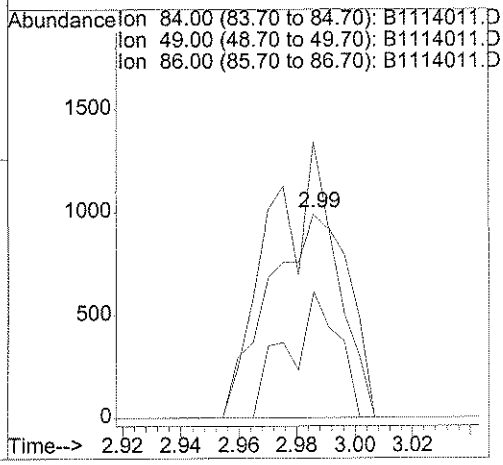


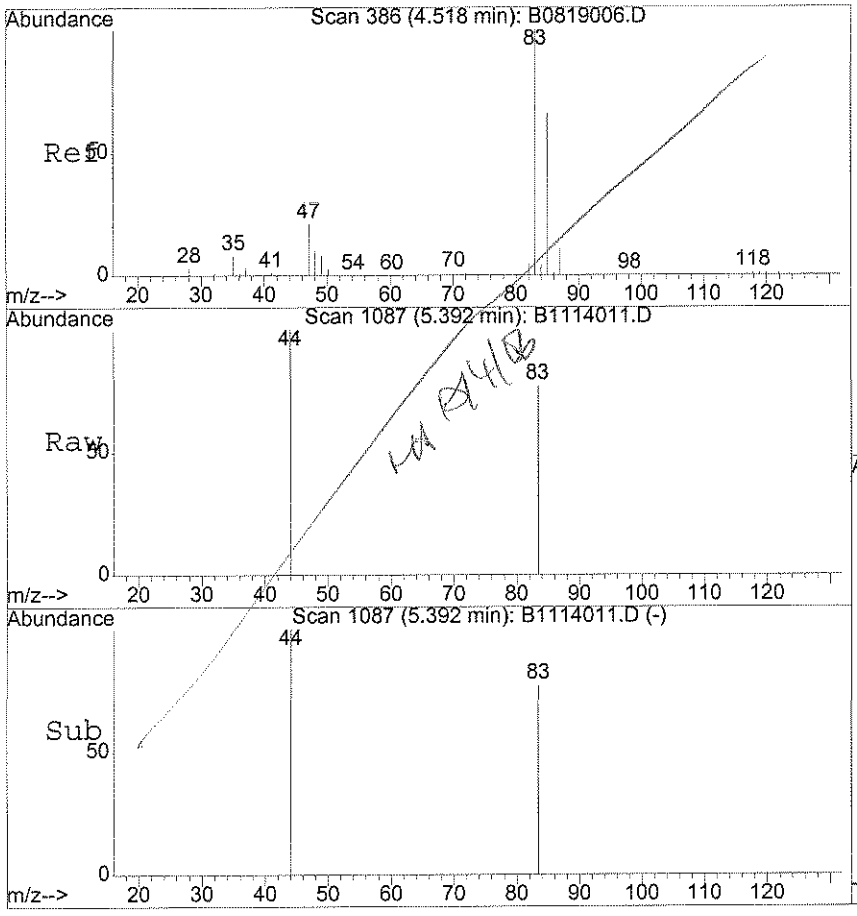


#18
Methylene Chloride
Concen: 0.49 ug/l
RT: 2.99 min Scan# 460
Delta R.T. -0.00 min
Lab File: B1114011.D
Acq: 14 Nov 2006 14:47

Tgt Ion: 84 Resp: 1750

Ion	Ratio	Lower	Upper
84	100		
49	65.8	96.6	136.6#
86	42.6	41.1	81.1

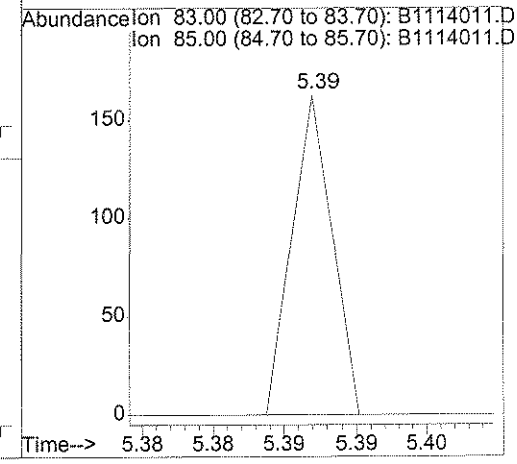




#31
Chloroform
Concen: Below Cal
RT: 5.39 min Scan# 1087
Delta R.T. 0.08 min
Lab File: B1114011.D
Acq: 14 Nov 2006 14:47

Tgt Ion: 83 Resp: 31

Ion	Ratio	Lower	Upper
83	100		
85	0.0	38.2	78.2#



VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-2

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

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/10/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/15/2006 17:24

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.45	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-4-2

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

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/10/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 17:24

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

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

Heated Purge: (Y/N) N

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

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-2

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

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/10/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 17:24

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

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

Heated Purge: (Y/N) N

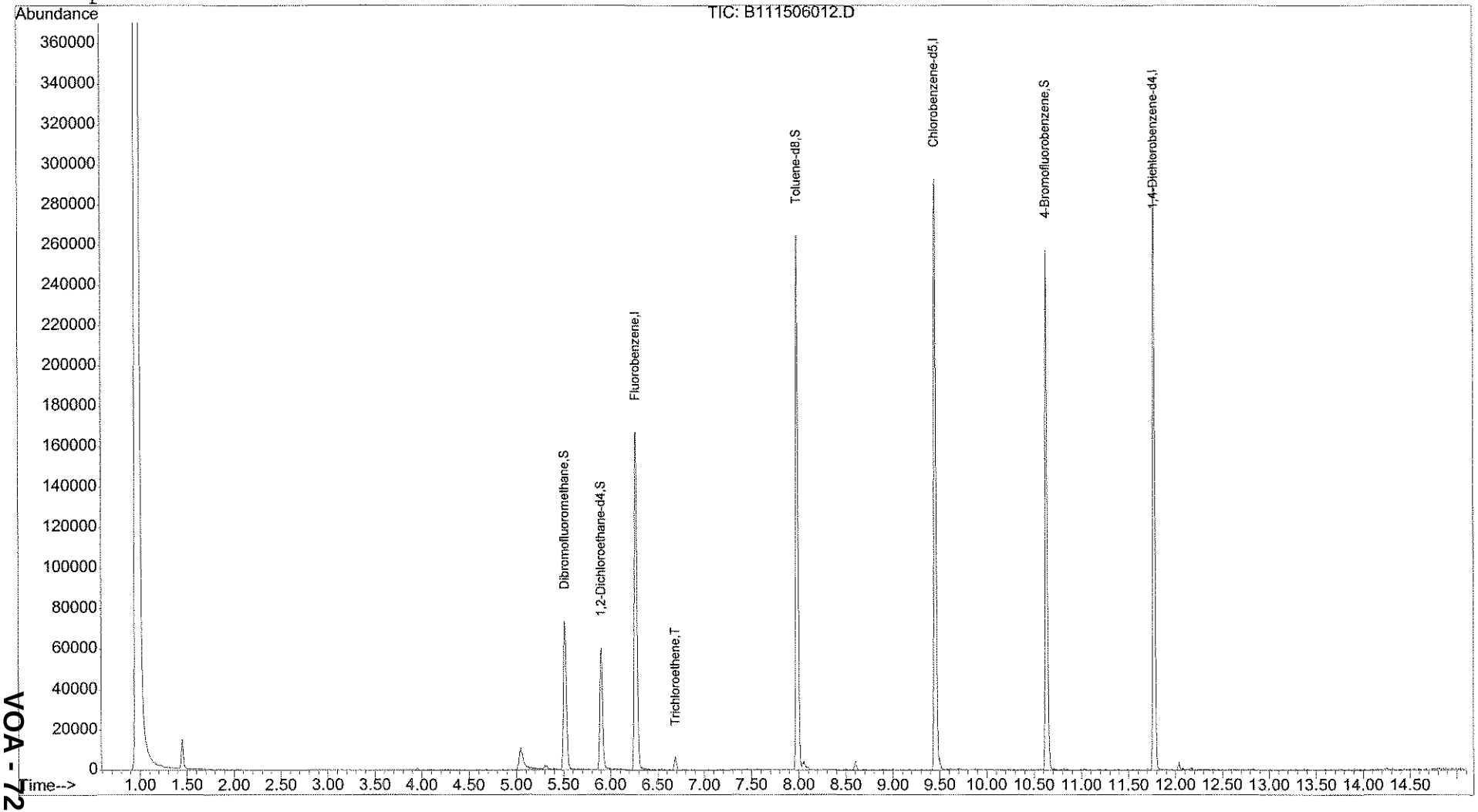
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111506\B111506012.D Vial: 21
Acq On : 15 Nov 2006 17:24 Operator: LH
Sample : JPL23-010 MW-4-2 Inst : Buddha
Misc : 25ML+IS/SS #6 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 6 12:44 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 - 72

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506012.D Vial: 21
Acq On : 15 Nov 2006 17:24 Operator: LH
Sample : JPL23-010 MW-4-2 Inst : Buddha
Misc : 25ML+IS/SS #6 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 6 12:44 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

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	6.27	96	140770	10.00 ug/l	0.00
51) Chlorobenzene-d5	9.45	82	77860	10.00 ug/l	0.00
71) 1,4-Dichlorobenzene-d4	11.77	152	77060	10.00 ug/l	0.00
System Monitoring Compounds					
32) Dibromofluoromethane	5.51	111	45912	11.59 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.91	65	53651	13.24 ug/l	0.00
52) Toluene-d8	7.98	98	152841	10.00 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	66650	12.13 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	96	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) 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	2.53	43	90	~~Below Cal #~~	38
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	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	3.95	63	1575	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	4.91	96	30	N.D.	
27) Propionitrile	0.00	54	0	N.D.	
28) 2-Butanone	0.00	43	0	N.D. d	
29) Bromochloromethane	5.21	128	30	N.D.	
30) Methacrylonitrile	5.14	41	37	N.D.	
31) Chloroform	5.30	83	703	~~Below Cal~~	80
33) 1,1,1-Trichloroethane	0.00	97	0	N.D.	

(#) = qualifier out of range (m) = manual integration
B111506012.D 826025ML.M Wed Dec 06 12:45:00 2006 Page 1

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506012.D Vial: 21
Acq On : 15 Nov 2006 17:24 Operator: LH
Sample : JPL23-010 MW-4-2 Inst : Buddha
Misc : 25ML+IS/SS #6 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 6 12:44 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
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	58	N.D.	
39)	Benzene	5.91	78	30	N.D.	
40)	1,2-Dichloroethane	5.88	62	41	N.D.	
41)	Trichloroethene	6.69	130	2022	0.45 ug/l #	84
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	6.99	63	30	~~Below Cal #~~	45
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	7.13	41	36	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	30	N.D.	
49)	cis-1,3-Dichloropropene	7.85	75	34	N.D.	
50)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
53)	Toluene	8.05	92	432	N.D.	
54)	Ethyl methacrylate	8.26	69	32	N.D.	
55)	trans-1,3-Dichloropropene	8.20	75	30	N.D.	
56)	1,1,2-Trichloroethane	8.58	97	31	N.D.	
57)	Tetrachloroethene	8.59	166	368	N.D.	
58)	2-Hexanone	0.00	43	0	N.D. d	
59)	1,3-Dichloropropane	0.00	76	0	N.D.	
60)	Dibromochloromethane	8.99	129	33	N.D.	
61)	1,2-Dibromoethane	0.00	107	0	N.D.	
62)	Chlorobenzene	9.47	112	40	N.D.	
63)	1-Chlorohexane	9.58	91	85	N.D.	
64)	Ethylbenzene	9.58	91	85	N.D.	
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66)	m,p-Xylene	9.70	106	37	N.D.	
67)	o-xylene	10.11	106	99	N.D.	
68)	Styrene	10.21	104	53	N.D.	
69)	Bromoform	10.21	173	35	N.D.	
70)	Isopropylbenzene	10.62	105	93	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.64	83	36	N.D.	
74)	n-Propylbenzene	0.00	120	0	N.D.	
75)	trans-1,4-Dichloro-2-buten	10.47	53	50	N.D.	
76)	Bromobenzene	0.00	156	0	N.D.	
77)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
78)	2-Chlorotoluene	10.99	91	36	N.D.	
79)	1,3,5-Trimethylbenzene	11.05	105	63	N.D.	

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

LH 12/16/06

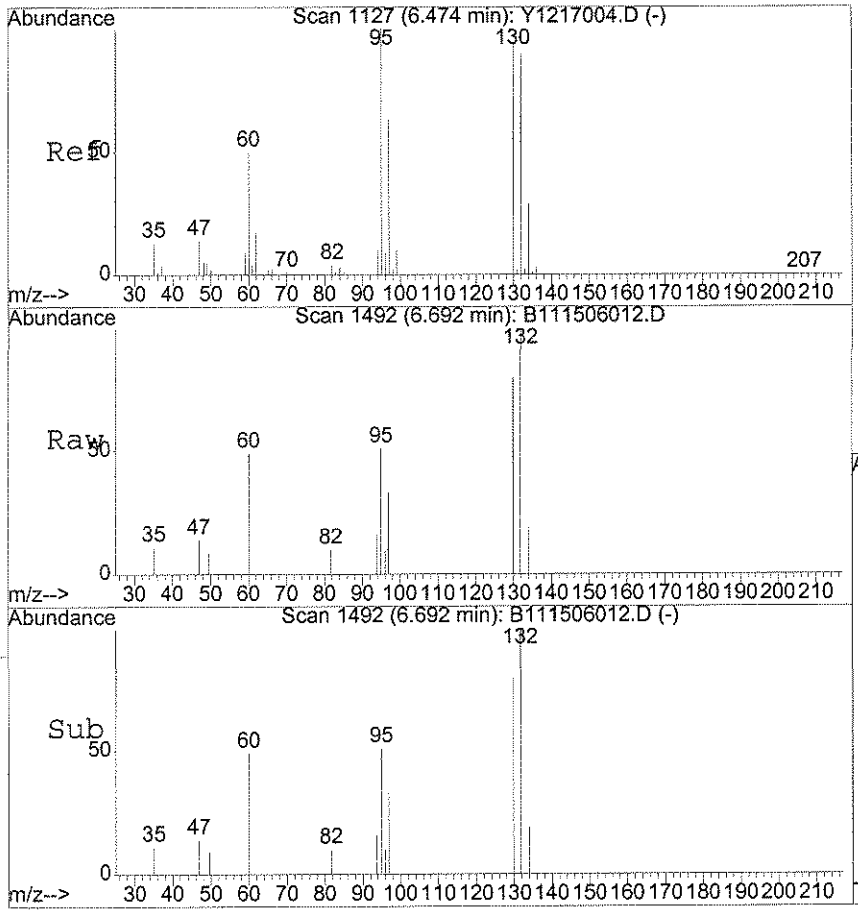
Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506012.D Vial: 21
Acq On : 15 Nov 2006 17:24 Operator: LH
Sample : JPL23-010 MW-4-2 Inst : Buddha
Misc : 25ML+IS/SS #6 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 6 12:44 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
80)	4-Chlorotoluene	10.96	91	30	N.D.		
81)	tert-Butylbenzene	11.38	119	30	N.D.		
82)	1,2,4-Trimethylbenzene	11.47	105	29	N.D.		
83)	sec-butylbenzene	11.67	105	36	N.D.		
84)	4-Isopropyltoluene	11.69	119	29	N.D.		
85)	1,3-Dichlorobenzene	11.70	111	33	N.D.		
86)	1,4-Dichlorobenzene	11.80	146	347	N.D.		
87)	n-Butylbenzene	0.00	91	0	N.D.		
88)	1,2-Dichlorobenzene	12.17	146	368	N.D.		
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	d	
90)	1,2,4-Trichlorobenzene	13.76	180	51	N.D.		
91)	Hexachlorobutadiene	13.90	225	67	N.D.		
92)	Naphthalene	0.00	128	0	N.D.	d	
93)	1,2,3-Trichlorobenzene	14.25	180	137	N.D.		

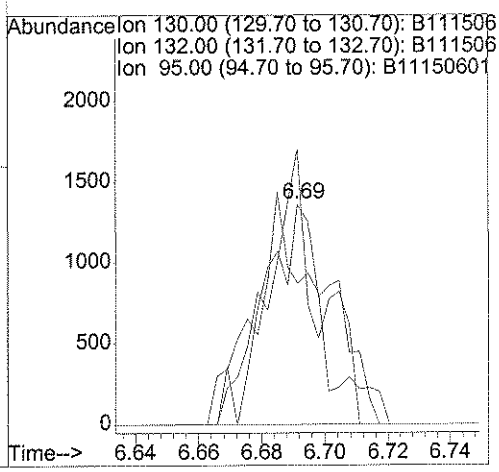
(#) = qualifier out of range (m) = manual integration



#41
Trichloroethene
Concen: 0.45 ug/l
RT: 6.69 min Scan# 1492
Delta R.T. -0.00 min
Lab File: B111506012.D
Acq: 15 Nov 2006 17:24

Tgt Ion:130 Resp: 2022

Ion	Ratio	Lower	Upper
130	100		
132	75.1	81.1	121.1#
95	83.1	60.0	100.0



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-1

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

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/10/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 17:53

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

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

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/10/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/15/2006 17:53

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-4-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/10/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 17:53

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

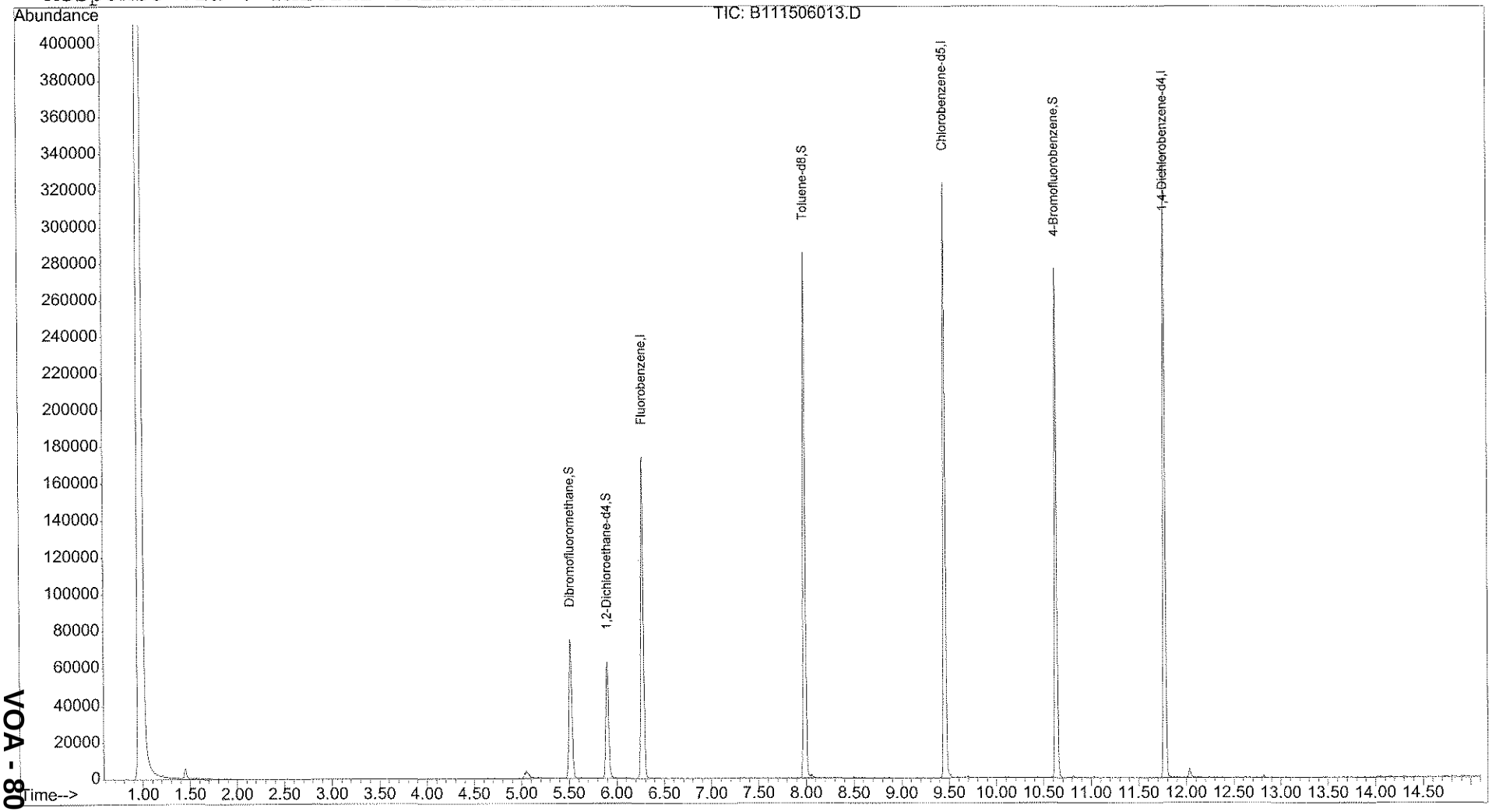
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111506\B111506013.D Vial: 22
Acq On : 15 Nov 2006 17:53 Operator: LH
Sample : JPL23-011 MW-4-1 Inst : Buddha
Misc : 25ML+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 10:05 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 - 80

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506013.D Vial: 22
Acq On : 15 Nov 2006 17:53 Operator: LH
Sample : JPL23-011 MW-4-1 Inst : Buddha
Misc : 25ML+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 10:05 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.27	96	142700	10.00	ug/l	0.00
51) Chlorobenzene-d5	9.45	82	80472	10.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	11.77	152	80997	10.00	ug/l	0.00
System Monitoring Compounds						
32) Dibromofluoromethane	5.52	111	46690	11.63	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	55803	13.58	ug/l	0.00
52) Toluene-d8	7.99	98	160637	10.17	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	67475	11.68	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	2.53	43	258	N.D.		
12) Iodomethane	0.00	142	0	N.D.		
13) Bromoethane	0.00	108	0	N.D.		
14) Carbon Disulfide	0.00	76	0	N.D.		
15) Allyl chloride	0.00	76	0	N.D.		
16) Acetonitrile	0.00	40	0	N.D.		
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	4.17	43	40	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	4.95	96	34	N.D.		
27) Propionitrile	5.04	54	49	N.D.		
28) 2-Butanone	0.00	43	0	N.D.	d	
29) Bromochloromethane	5.16	128	35	N.D.		
30) Methacrylonitrile	0.00	41	0	N.D.		
31) Chloroform	5.31	83	34	~~Below Cal # 1~~		
33) 1,1,1-Trichloroethane	0.00	97	0	N.D.		

LCH 11/16/06

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506013.D Vial: 22
Acq On : 15 Nov 2006 17:53 Operator: LH
Sample : JPL23-011 MW-4-1 Inst : Buddha
Misc : 25ML+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 10:05 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
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	5.66	75	42	N.D.	
39)	Benzene	0.00	78	0	N.D.	
40)	1,2-Dichloroethane	5.93	62	46	N.D.	
41)	Trichloroethene	0.00	130	0	N.D.	
42)	Methylcyclohexane	0.00	83	0	N.D.	LH 11/16/06
43)	1,2-Dichloropropane	6.87	63	37	~~Below Cal #~~ 45	
44)	Dibromomethane	0.00	93	0	N.D.	
45)	Methyl methacrylate	7.16	41	47	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	0.00	83	0	N.D.	
49)	cis-1,3-Dichloropropene	7.70	75	46	N.D.	
50)	4-Methyl-2-pentanone	0.00	43	0	N.D.	d
53)	Toluene	8.05	92	312	N.D.	
54)	Ethyl methacrylate	0.00	69	0	N.D.	
55)	trans-1,3-Dichloropropene	8.29	75	72	N.D.	
56)	1,1,2-Trichloroethane	8.49	97	52	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	0.00	107	0	N.D.	
62)	Chlorobenzene	0.00	112	0	N.D.	
63)	1-Chlorohexane	9.58	91	94	N.D.	
64)	Ethylbenzene	9.59	91	193	N.D.	
65)	1,1,1,2-Tetrachloroethane	9.38	131	32	N.D.	
66)	m,p-Xylene	9.71	106	30	N.D.	
67)	o-xylene	0.00	106	0	N.D.	
68)	Styrene	0.00	104	0	N.D.	
69)	Bromoform	0.00	173	0	N.D.	
70)	Isopropylbenzene	10.32	105	34	N.D.	
73)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
74)	n-Propylbenzene	0.00	120	0	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
76)	Bromobenzene	10.84	156	35	N.D.	
77)	1,2,3-Trichloropropane	0.00	110	0	N.D.	
78)	2-Chlorotoluene	11.13	91	32	N.D.	
79)	1,3,5-Trimethylbenzene	11.01	105	33	N.D.	

(#) = qualifier out of range (m) = manual integration
B111506013.D 826025ML.M Thu Nov 16 10:05:58 2006

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506013.D Vial: 22
Acq On : 15 Nov 2006 17:53 Operator: LH
Sample : JPL23-011 MW-4-1 Inst : Buddha
Misc : 25ML+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 10:05 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
80)	4-Chlorotoluene	11.13	91	32	N.D.	
81)	tert-Butylbenzene	11.37	119	29	N.D.	
82)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.	
83)	sec-butylbenzene	0.00	105	0	N.D.	
84)	4-Isopropyltoluene	0.00	119	0	N.D.	
85)	1,3-Dichlorobenzene	11.77	111	1207	N.D.	
86)	1,4-Dichlorobenzene	11.78	146	40	N.D.	
87)	n-Butylbenzene	0.00	91	0	N.D.	
88)	1,2-Dichlorobenzene	12.16	146	33	N.D.	
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
90)	1,2,4-Trichlorobenzene	13.76	180	32	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
B111506013.D 826025ML.M Thu Nov 16 10:05:59 2006

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-3-4Q06

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/10/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/15/2006 18:22

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	0.43	J
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-3-4Q06

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/10/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 18:22

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.

DUPE-3-4Q06

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/10/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/15/2006 18:22

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

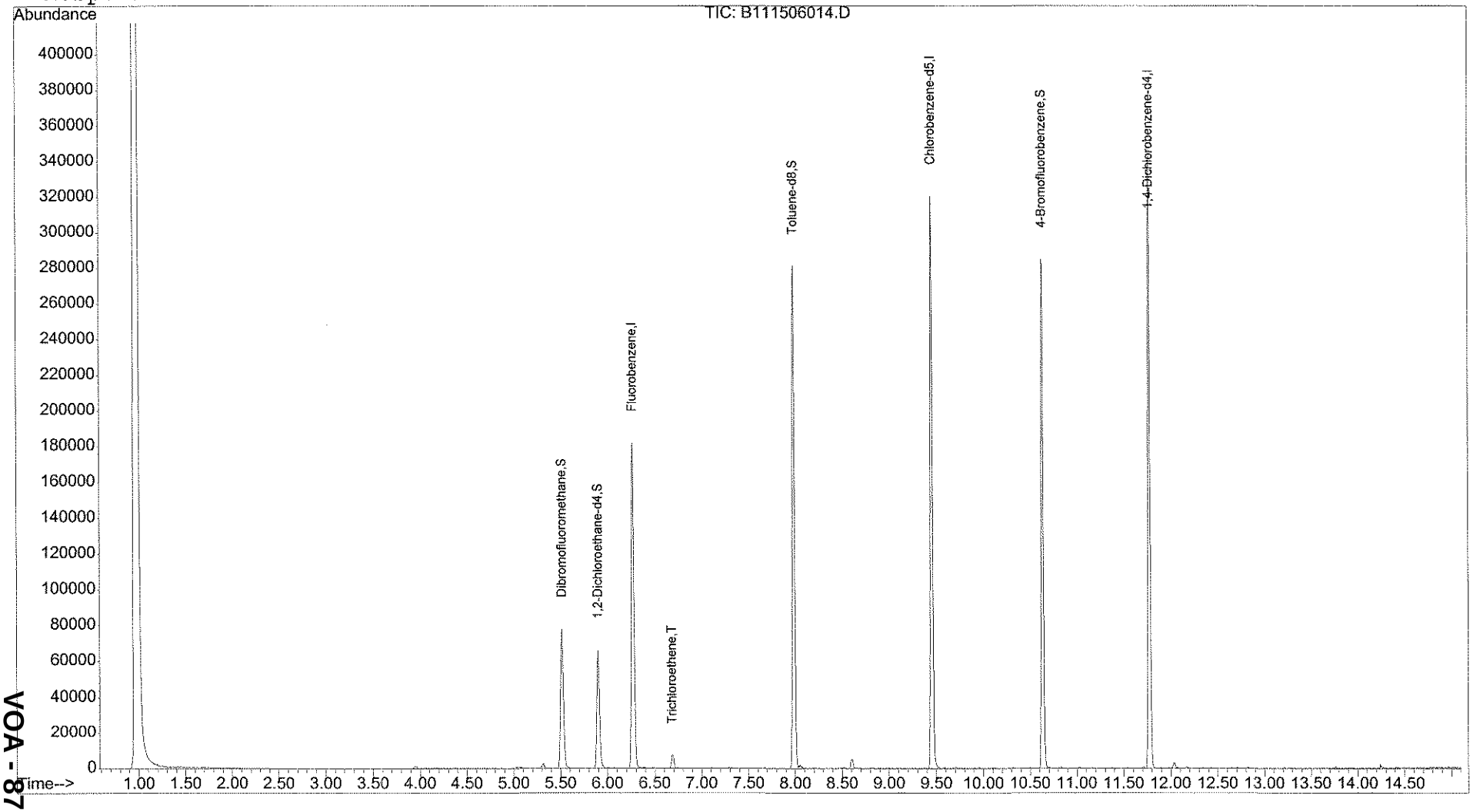
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111506\B111506014.D Vial: 23
Acq On : 15 Nov 2006 18:22 Operator: LH
Sample : JPL23-012 DUPE-3-4Q06 Inst : Buddha
Misc : 25ML+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 6 12:47 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



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Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506014.D Vial: 23
Acq On : 15 Nov 2006 18:22 Operator: LH
Sample : JPL23-012 DUPE-3-4Q06 Inst : Buddha
Misc : 25ML+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 6 12:47 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

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	6.27	96	147511	10.00 ug/l	0.00
51) Chlorobenzene-d5	9.46	82	83380	10.00 ug/l	0.00
71) 1,4-Dichlorobenzene-d4	11.77	152	85577	10.00 ug/l	0.00
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	48068	11.58 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	56423	13.28 ug/l	0.00
52) Toluene-d8	7.98	98	162612	9.94 ug/l	0.00
72) 4-Bromofluorobenzene	10.64	95	69632	11.41 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	96	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) 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	2.53	43	74	~~Below Cal~~ #	38
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	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	3.94	63	1100	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	4.87	96	34	N.D.	
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	5.27	41	40	N.D.	
31) Chloroform	5.32	83	1664	~~Below Cal~~	99
33) 1,1,1-Trichloroethane	5.38	97	42	Below Cal #	21

(#) = qualifier out of range (m) = manual integration
LN 12/6/06
B111506014.D 826025ML.M Wed Dec 06 12:47:45 2006 Page 1

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506014.D Vial: 23
Acq On : 15 Nov 2006 18:22 Operator: LH
Sample : JPL23-012 DUPE-3-4Q06 Inst : Buddha
Misc : 25ML+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 6 12:47 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
34)	Cyclohexane	5.44	56	34	N.D.	
35)	Carbon Tetrachloride	5.65	117	38	N.D.	
36)	Isobutanol	0.00	43	0	N.D. d	
37)	1,1-Dichloropropene	0.00	75	0	N.D.	
39)	Benzene	5.91	78	41	N.D.	
40)	1,2-Dichloroethane	6.00	62	35	N.D.	
41)	Trichloroethene	6.69	130	1997	0.43 ug/l #	72
42)	Methylcyclohexane	0.00	83	0	N.D.	
43)	1,2-Dichloropropane	7.03	63	40	~~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.	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	Bromodichloromethane	7.28	83	149	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	372	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	0.00	97	0	N.D.	
57)	Tetrachloroethene	8.61	166	1391	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	0.00	107	0	N.D.	
62)	Chlorobenzene	9.48	112	49	N.D.	
63)	1-Chlorohexane	9.59	91	66	N.D.	
64)	Ethylbenzene	9.59	91	66	N.D.	
65)	1,1,1,2-Tetrachloroethane	9.39	131	32	N.D.	
66)	m,p-Xylene	9.59	106	31	N.D.	
67)	o-xylene	10.12	106	35	N.D.	
68)	Styrene	10.06	104	35	N.D.	
69)	Bromoform	0.00	173	0	N.D.	
70)	Isopropylbenzene	10.63	105	87	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.79	83	30	N.D.	
74)	n-Propylbenzene	11.04	120	34	N.D.	
75)	trans-1,4-Dichloro-2-buten	10.41	53	31	N.D.	
76)	Bromobenzene	0.00	156	0	N.D.	
77)	1,2,3-Trichloropropane	10.88	110	31	N.D.	
78)	2-Chlorotoluene	0.00	91	0	N.D.	
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.	

(#) = qualifier out of range (m) = manual integration

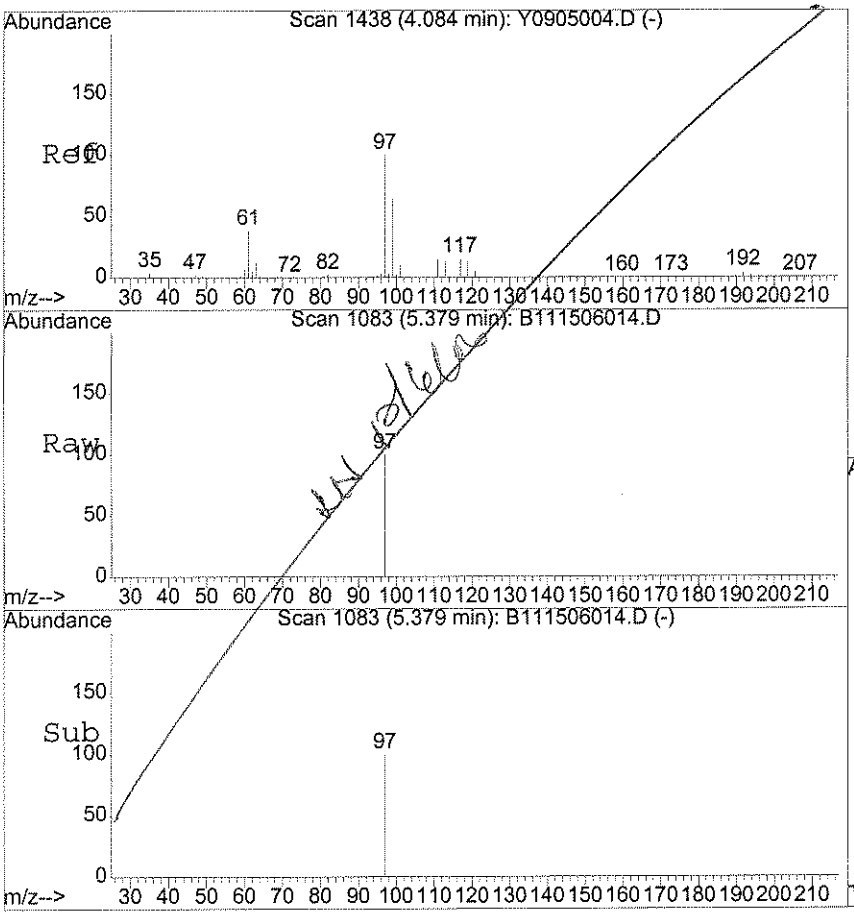
Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506014.D Vial: 23
Acq On : 15 Nov 2006 18:22 Operator: LH
Sample : JPL23-012 DUPE-3-4Q06 Inst : Buddha
Misc : 25ML+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 6 12:47 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
80)	4-Chlorotoluene	11.24	91	40	N.D.	
81)	tert-Butylbenzene	11.37	119	32	N.D.	
82)	1,2,4-Trimethylbenzene	11.57	105	29	N.D.	
83)	sec-butylbenzene	11.57	105	29	N.D.	
84)	4-Isopropyltoluene	11.77	119	80	N.D.	
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d
86)	1,4-Dichlorobenzene	11.79	146	160	N.D.	
87)	n-Butylbenzene	12.14	91	43	N.D.	
88)	1,2-Dichlorobenzene	12.17	146	217	N.D.	
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	d
90)	1,2,4-Trichlorobenzene	13.75	180	47	N.D.	
91)	Hexachlorobutadiene	13.90	225	31	N.D.	
92)	Naphthalene	0.00	128	0	N.D.	
93)	1,2,3-Trichlorobenzene	14.25	180	198	N.D.	

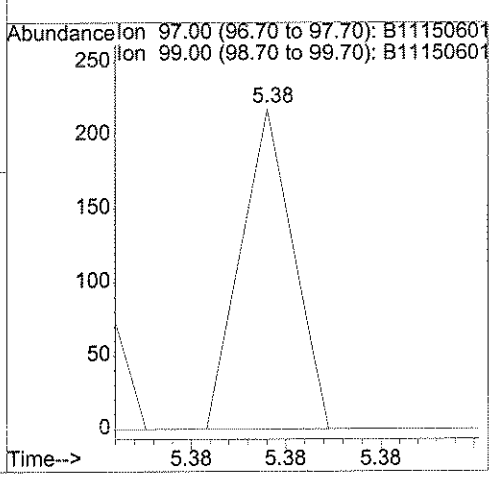
(#) = qualifier out of range (m) = manual integration

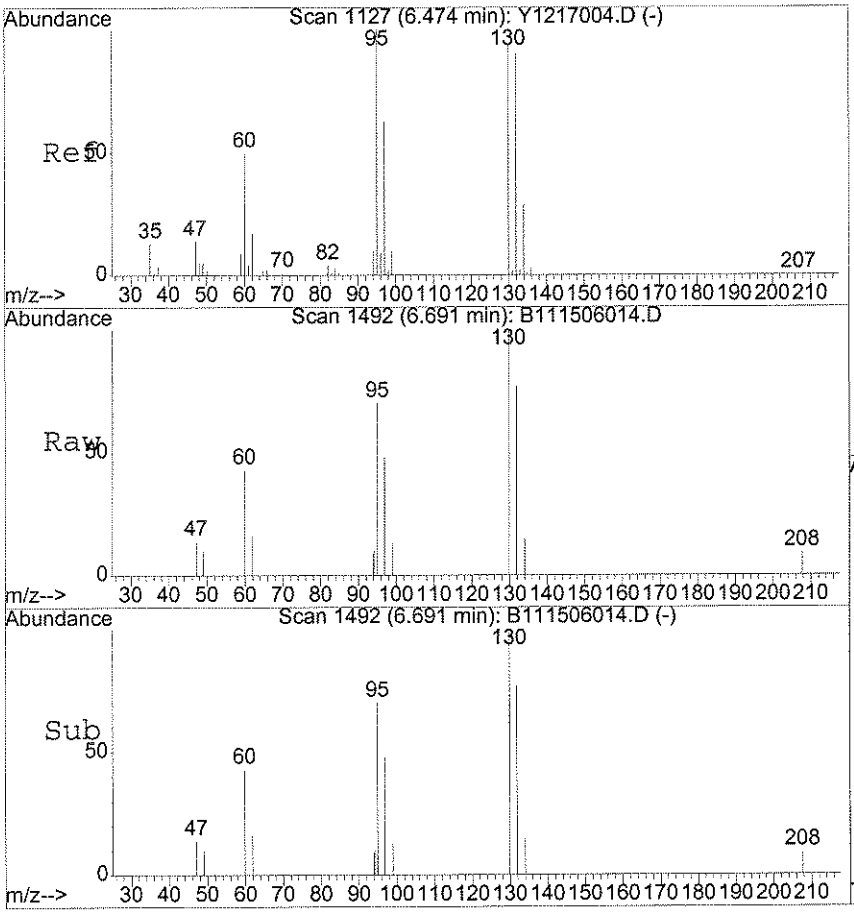


#33
1,1,1-Trichloroethane
Concen: Below Cal
RT: 5.38 min Scan# 1083
Delta R.T. -0.08 min
Lab File: B111506014.D
Acq: 15 Nov 2006 18:22

Tgt Ion: 97 Resp: 42

Ion	Ratio	Lower	Upper
97	100		
99	0.0	39.4	79.4#

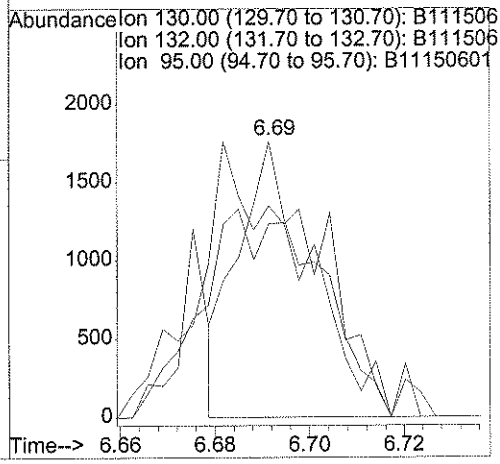




#41
Trichloroethene
Concen: 0.43 ug/l
RT: 6.69 min Scan# 1492
Delta R.T. -0.00 min
Lab File: B111506014.D
Acq: 15 Nov 2006 18:22

Tgt Ion:130 Resp: 1997

Ion	Ratio	Lower	Upper
130	100		
132	72.9	81.1	121.1#
95	56.0	60.0	100.0#



VOLATILE ORGANICS ANALYSIS DATA SHEET

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/SED/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: 11/10/2006

% Moisture: not dec.

Date/Time Analyzed: 11/15/2006 18:52

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	0.50	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-12-11/10/06

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/10/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 18:52

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

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/SED/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: 11/10/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 18:52

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

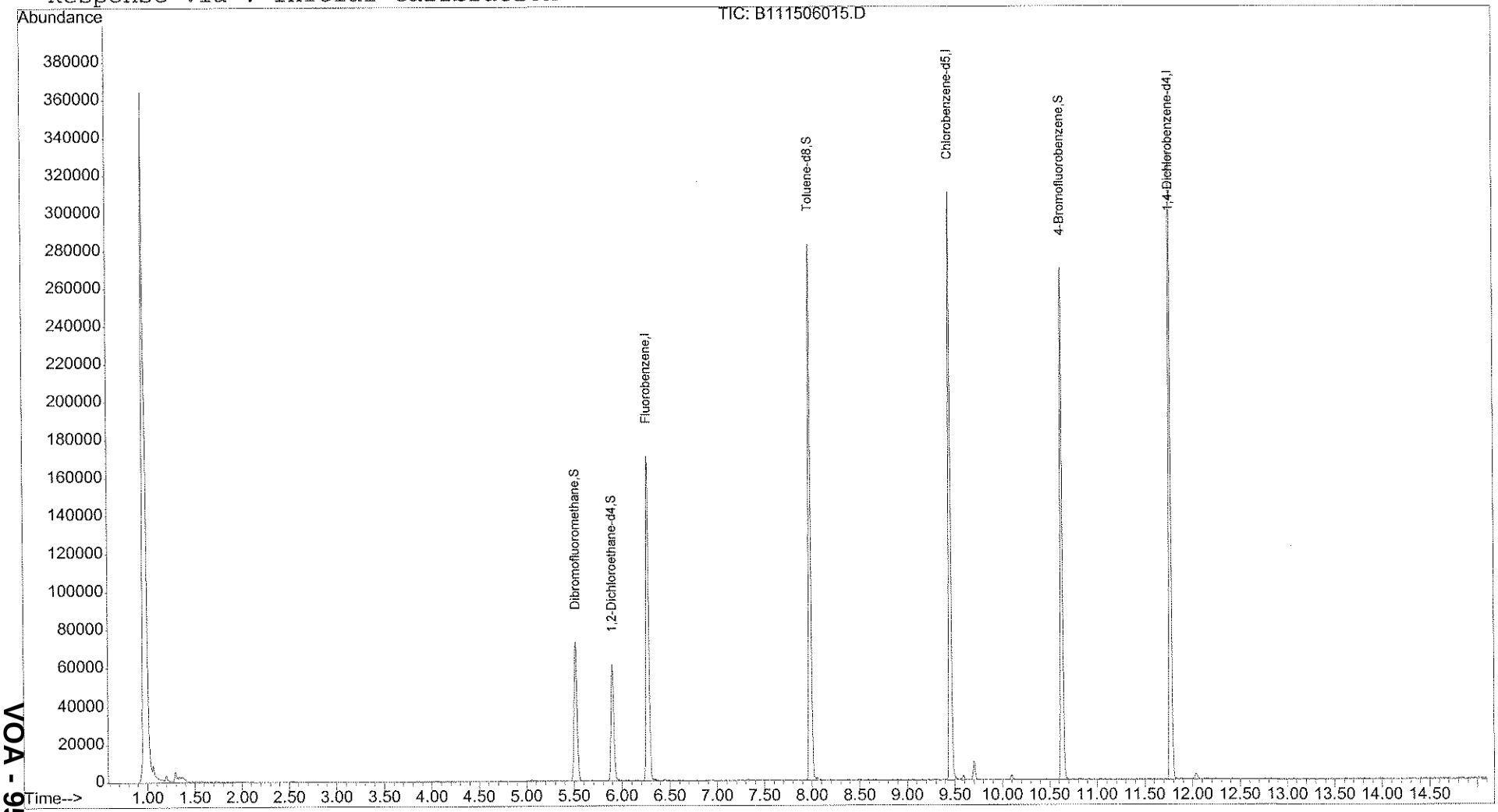
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111506\B111506015.D Vial: 24
Acq On : 15 Nov 2006 18:52 Operator: LH
Sample : JPL23-013 EB-12-11/10/06 Inst : Buddha
Misc : 25ML+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 10:08 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 - 95

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506015.D Vial: 24
Acq On : 15 Nov 2006 18:52 Operator: LH
Sample : JPL23-013 EB-12-11/10/06 Inst : Buddha
Misc : 25ML+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 10:08 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.27	96	140515	10.00	ug/l	0.00
51) Chlorobenzene-d5	9.45	82	79074	10.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	11.77	152	81104	10.00	ug/l	0.00
System Monitoring Compounds						
32) Dibromofluoromethane	5.52	111	47562	12.03	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	55425	13.70	ug/l	0.00
52) Toluene-d8	7.99	98	159203	10.26	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	69203	11.97	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	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	4.01	43	34	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) 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	5.30	83	49	~~Below Cal~~	#	41
33) 1,1,1-Trichloroethane	5.40	97	44	~~Below Cal~~	#	21

LCF 11/16/06

(#) = qualifier out of range (m) = manual integration
B111506015.D 826025ML.M Thu Nov 16 10:08:52 2006

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506015.D Vial: 24
Acq On : 15 Nov 2006 18:52 Operator: LH
Sample : JPL23-013 EB-12-11/10/06 Inst : Buddha
Misc : 25ML+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 10:08 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
34) Cyclohexane	5.48	56	191	N.D.		
35) Carbon Tetrachloride	5.54	117	29	N.D.		
36) Isobutanol	0.00	43	0	N.D.		
37) 1,1-Dichloropropene	5.55	75	38	N.D.		
39) Benzene	0.00	78	0	N.D.		
40) 1,2-Dichloroethane	6.04	62	35	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	6.90	93	32	N.D.		
45) Methyl methacrylate	7.12	41	34	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	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	8.05	92	86	N.D.		
54) Ethyl methacrylate	8.47	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	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	0.00	107	0	N.D.		
62) Chlorobenzene	0.00	112	0	N.D.		
63) 1-Chlorohexane	9.59	91	902	N.D.		
64) Ethylbenzene	9.59	91	902	N.D.		
65) 1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
66) m,p-Xylene	9.59	106	424	N.D.		
67) o-xylene	10.10	106	717	N.D.		
68) Styrene	10.33	104	35	N.D.		
69) Bromoform	10.33	173	33	N.D.		
70) Isopropylbenzene	10.46	105	40	N.D.		
73) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
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	32	N.D.		
77) 1,2,3-Trichloropropane	10.64	110	62	N.D.		
78) 2-Chlorotoluene	11.02	91	29	N.D.		
79) 1,3,5-Trimethylbenzene	11.05	105	51	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506015.D Vial: 24
Acq On : 15 Nov 2006 18:52 Operator: LH
Sample : JPL23-013 EB-12-11/10/06 Inst : Buddha
Misc : 25ML+IS/SS #3 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 10:08 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
80)	4-Chlorotoluene	11.02	91	29	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	0.00	105	0	N.D.		
83)	sec-butylbenzene	0.00	105	0	N.D.		
84)	4-Isopropyltoluene	11.72	119	37	N.D.		
85)	1,3-Dichlorobenzene	11.78	111	1103	N.D.		
86)	1,4-Dichlorobenzene	11.80	146	163	N.D.		
87)	n-Butylbenzene	0.00	91	0	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	14.00	225	42	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
B111506015.D 826025ML.M Thu Nov 16 10:08:52 2006 Page 3

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VOLATILE ORGANICS ANALYSIS DATA SHEET

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/SED/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: 11/10/2006

% Moisture: not dec. Date/Time Analyzed: 11/14/2006 15:17

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-12-11/10/06

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012634

Matrix: (SOIL/SED/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: 11/10/2006

% Moisture: not dec. Date/Time Analyzed: 11/14/2006 15:17

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-12-11/10/06

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012634

Matrix: (SOIL/SED/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: 11/10/2006

% Moisture: not dec. Date/Time Analyzed: 11/14/2006 15:17

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

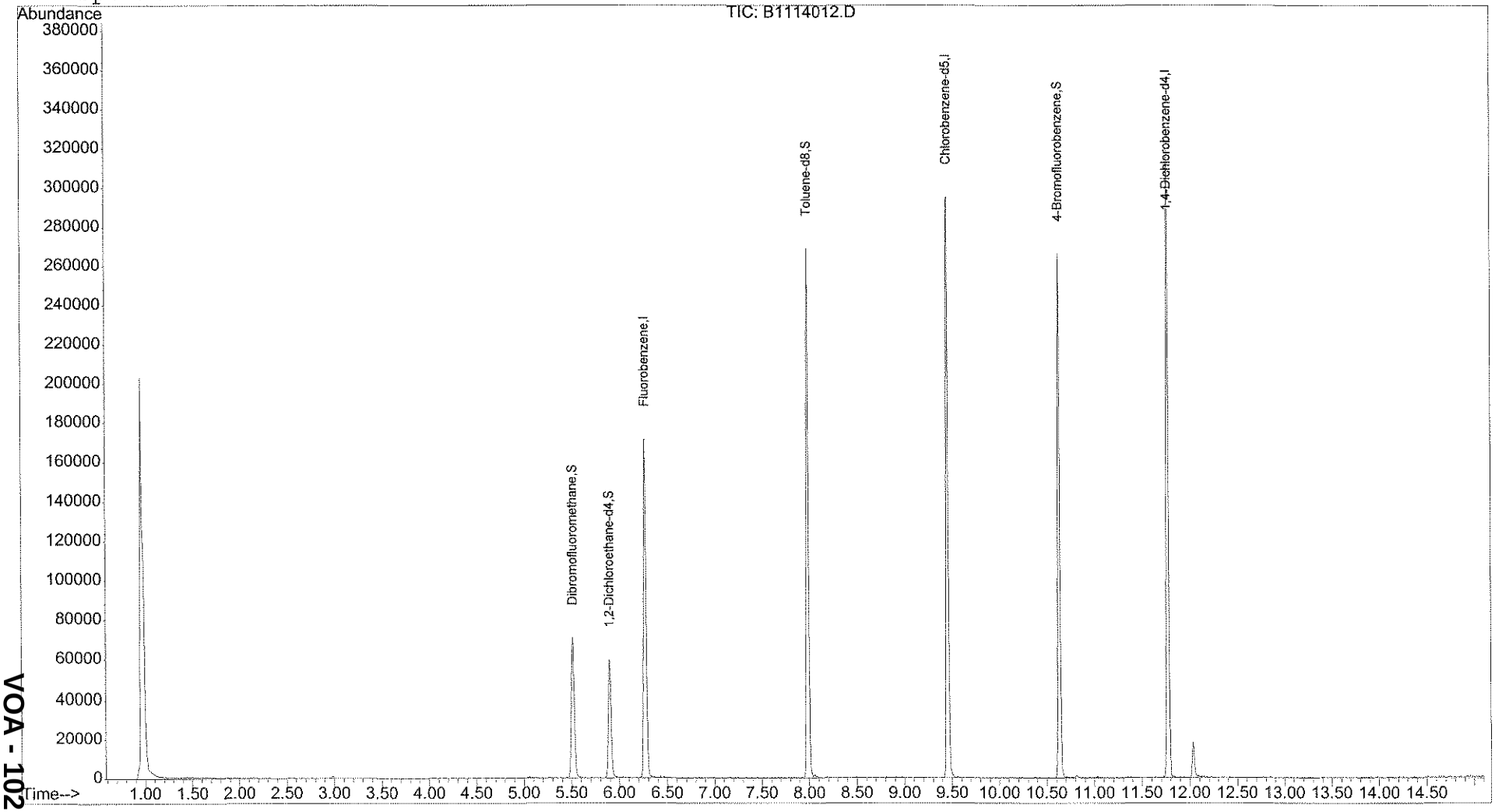
Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Data File : X:\MSVOA\BUDDHA\111406\B1114012.D Vial: 19
Acq On : 14 Nov 2006 15:17 Operator: LH
Sample : JPL23-014 TB-12-11/10/06 Inst : Buddha
Misc : 25ML +IS/SS #1 TRIP BLANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 13:14 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 - 102

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111406\B1114012.D Vial: 19
Acq On : 14 Nov 2006 15:17 Operator: LH
Sample : JPL23-014 TB-12-11/10/06 Inst : Buddha
Misc : 25ML +IS/SS #1 TRIP BLANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 13:14 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	139369	10.00 ug/l	0.00 44.81%
51) Chlorobenzene-d5	9.45	82	78231	10.00 ug/l	0.00 48.87%
71) 1,4-Dichlorobenzene-d4	11.77	152	77379	10.00 ug/l	0.00 40.17%
System Monitoring Compounds					
32) Dibromofluoromethane	5.51	111	46516	11.86 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	52253	13.02 ug/l	0.00
52) Toluene-d8	7.99	98	155165	10.10 ug/l	0.00
72) 4-Bromofluorobenzene	10.64	95	65349	11.84 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	212	Below Cal #	38
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	673	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	4.04	43	32	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\111406\B1114012.D Vial: 19
Acq On : 14 Nov 2006 15:17 Operator: LH
Sample : JPL23-014 TB-12-11/10/06 Inst : Buddha
Misc : 25ML +IS/SS #1 TRIP BLANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 13:14 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	5.33	83	36	~~Below Cal~~	~~#~~	~~63~~
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	0.00	75	0	N.D.		
39)	Benzene	0.00	78	0	N.D.		
40)	1,2-Dichloroethane	5.90	62	42	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.	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	8.05	92	42	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	trans-1,3-Dichloropropene	8.31	75	32	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	8.54	76	29	N.D.		
60)	Dibromochloromethane	0.00	129	0	N.D.		
61)	1,2-Dibromoethane	8.99	107	43	N.D.		
62)	Chlorobenzene	0.00	112	0	N.D.		
63)	1-Chlorohexane	9.45	91	252	N.D.		
64)	Ethylbenzene	9.70	91	39	N.D.		
65)	1,1,1,2-Tetrachloroethane	9.44	131	31	N.D.		
66)	m,p-Xylene	9.71	106	30	N.D.		
67)	o-xylene	10.10	106	38	N.D.		
68)	Styrene	0.00	104	0	N.D.		
69)	Bromoform	0.00	173	0	N.D.		
70)	Isopropylbenzene	10.63	105	197	N.D.		
73)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		

LH 12/4/06

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111406\B1114012.D Vial: 19
Acq On : 14 Nov 2006 15:17 Operator: LH
Sample : JPL23-014 TB-12-11/10/06 Inst : Buddha
Misc : 25ML +IS/SS #1 TRIP BLANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 13:14 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	11.06	120	38	N.D.		
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.		
76)	Bromobenzene	0.00	156	0	N.D.		
77)	1,2,3-Trichloropropane	10.63	110	52	N.D.		
78)	2-Chlorotoluene	10.88	91	79	N.D.		
79)	1,3,5-Trimethylbenzene	0.00	105	0	N.D.		
80)	4-Chlorotoluene	11.24	91	31	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.41	105	71	N.D.		
83)	sec-butylbenzene	11.58	105	33	N.D.		
84)	4-Isopropyltoluene	11.73	119	36	N.D.		
85)	1,3-Dichlorobenzene	11.76	111	240	N.D.		
86)	1,4-Dichlorobenzene	11.80	146	30	N.D.		
87)	n-Butylbenzene	12.09	91	30	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	13.91	225	31	N.D.		
92)	Naphthalene	0.00	128	0	N.D.	d	
93)	1,2,3-Trichlorobenzene	14.25	180	32	N.D.		

(#) = qualifier out of range (m) = manual integration

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/13/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 19:21

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/13/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 19:21

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-18-5

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/13/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/15/2006 19:21

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

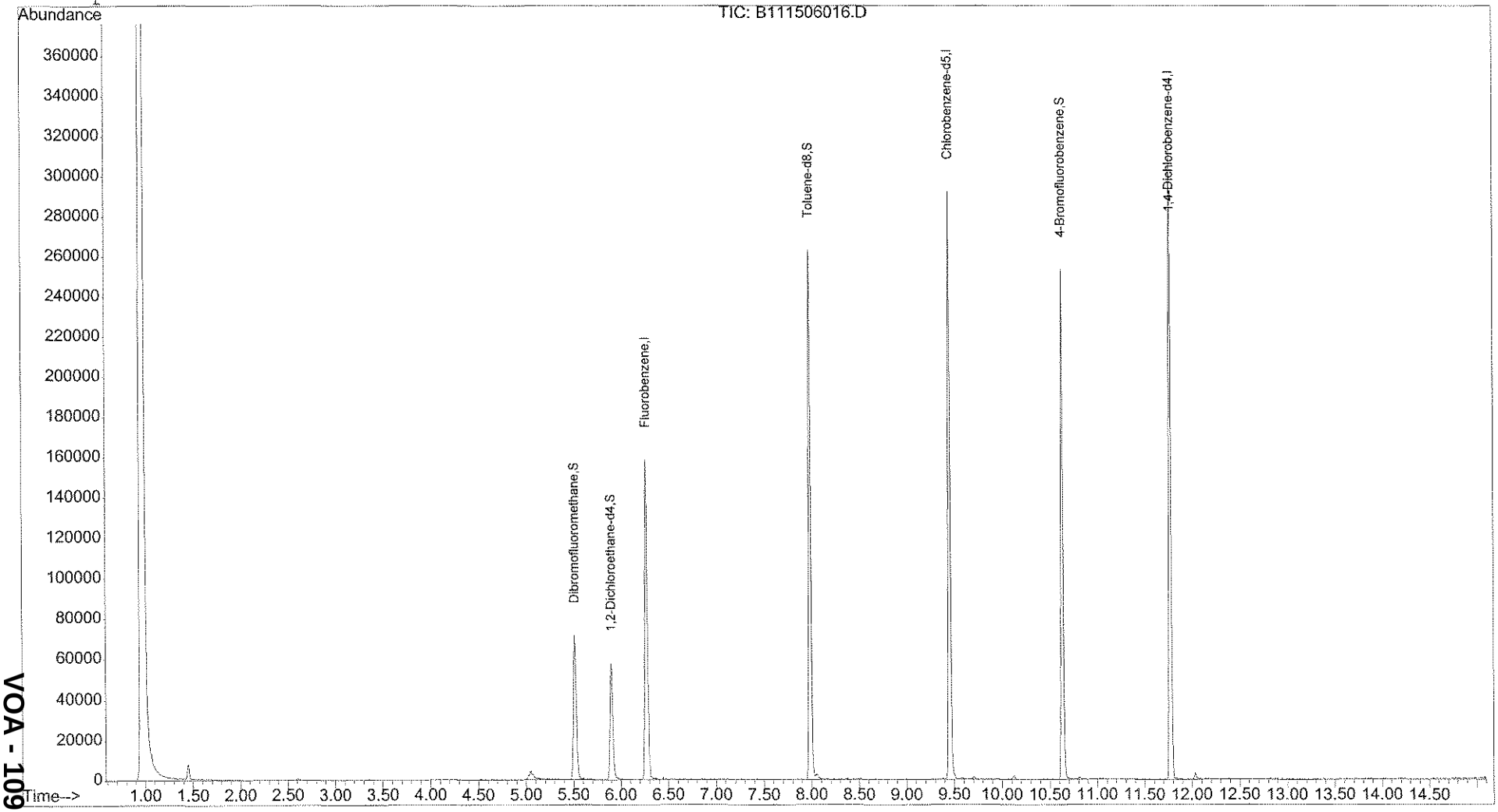
Heated Purge: (Y/N) N

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\111506\B111506016.D Vial: 25
Acq On : 15 Nov 2006 19:21 Operator: LH
Sample : JPL23-015 MW-18-5 Inst : Buddha
Misc : 25ML+IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 10:14 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



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Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506016.D Vial: 25
Acq On : 15 Nov 2006 19:21 Operator: LH
Sample : JPL23-015 MW-18-5 Inst : Buddha
Misc : 25ML+IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 10:14 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

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	6.27	96	131332	10.00 ug/l	0.00
51) Chlorobenzene-d5	9.45	82	74543	10.00 ug/l	0.00
71) 1,4-Dichlorobenzene-d4	11.78	152	76649	10.00 ug/l	0.00
System Monitoring Compounds					
32) Dibromofluoromethane	5.51	111	45126	12.21 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.91	65	53726	14.21 ug/l	0.00
52) Toluene-d8	7.98	98	151610	10.36 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	63384	11.60 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. LH 11/16/06	
11) Acetone	2.52	43	80	~~Below Cal # 38~~	
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.60	76	1204	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. d	
22) Vinyl acetate	4.11	43	29	N.D.	
23) 1,1-Dichloroethane	0.00	63	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	4.75	77	36	N.D.	
26) cis-1,2-Dichloroethene	4.77	96	33	N.D.	
27) Propionitrile	0.00	54	0	N.D.	
28) 2-Butanone	0.00	43	0	N.D. d	
29) Bromochloromethane	5.08	128	35	N.D.	
30) Methacrylonitrile	5.24	41	31	N.D.	
31) Chloroform	0.00	83	0	N.D. LH 11/18/06	
33) 1,1,1-Trichloroethane	5.36	97	33	~~Below Cal # 21~~	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506016.D Vial: 25
Acq On : 15 Nov 2006 19:21 Operator: LH
Sample : JPL23-015 MW-18-5 Inst : Buddha
Misc : 25ML+IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 10:14 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
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	5.64	75	45	N.D.		
39)	Benzene	5.93	78	107	N.D.		
40)	1,2-Dichloroethane	0.00	62	0	N.D.		
41)	Trichloroethene	6.67	130	31	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	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	8.06	92	573	N.D.		
54)	Ethyl methacrylate	8.55	69	29	N.D.		
55)	trans-1,3-Dichloropropene	8.29	75	29	N.D.		
56)	1,1,2-Trichloroethane	8.67	97	29	N.D.		
57)	Tetrachloroethene	8.44	166	31	N.D.		
58)	2-Hexanone	0.00	43	0	N.D.	d	
59)	1,3-Dichloropropane	8.80	76	36	N.D.		
60)	Dibromochloromethane	0.00	129	0	N.D.		
61)	1,2-Dibromoethane	8.96	107	29	N.D.		
62)	Chlorobenzene	0.00	112	0	N.D.		
63)	1-Chlorohexane	9.58	91	96	N.D.		
64)	Ethylbenzene	9.58	91	96	N.D.		
65)	1,1,1,2-Tetrachloroethane	9.64	131	33	N.D.		
66)	m,p-Xylene	9.70	106	289	N.D.		
67)	o-xylene	10.01	106	30	N.D.		
68)	Styrene	10.12	104	849	N.D.		
69)	Bromoform	0.00	173	0	N.D.		
70)	Isopropylbenzene	10.63	105	114	N.D.		
73)	1,1,2,2-Tetrachloroethane	10.64	83	33	N.D.		
74)	n-Propylbenzene	0.00	120	0	N.D.		
75)	trans-1,4-Dichloro-2-buten	10.33	53	32	N.D.		
76)	Bromobenzene	10.64	156	113	N.D.		
77)	1,2,3-Trichloropropane	10.81	110	32	N.D.		
78)	2-Chlorotoluene	0.00	91	0	N.D.		
79)	1,3,5-Trimethylbenzene	10.98	105	31	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506016.D Vial: 25
Acq On : 15 Nov 2006 19:21 Operator: LH
Sample : JPL23-015 MW-18-5 Inst : Buddha
Misc : 25ML+IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 10:14 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
80)	4-Chlorotoluene	0.00	91	0	N.D.	
81)	tert-Butylbenzene	0.00	119	0	N.D.	
82)	1,2,4-Trimethylbenzene	11.42	105	42	N.D.	
83)	sec-butylbenzene	11.43	105	76	N.D.	
84)	4-Isopropyltoluene	11.74	119	70	N.D.	
85)	1,3-Dichlorobenzene	11.77	111	604	N.D.	
86)	1,4-Dichlorobenzene	11.80	146	35	N.D.	
87)	n-Butylbenzene	0.00	91	0	N.D.	
88)	1,2-Dichlorobenzene	12.47	146	41	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.	
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.

MW-18-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/13/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 19:51

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	1.3	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	5.3	
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	0.96	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/13/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/15/2006 19:51

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	0.48	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.33	J
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-4

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/13/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 19:51

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

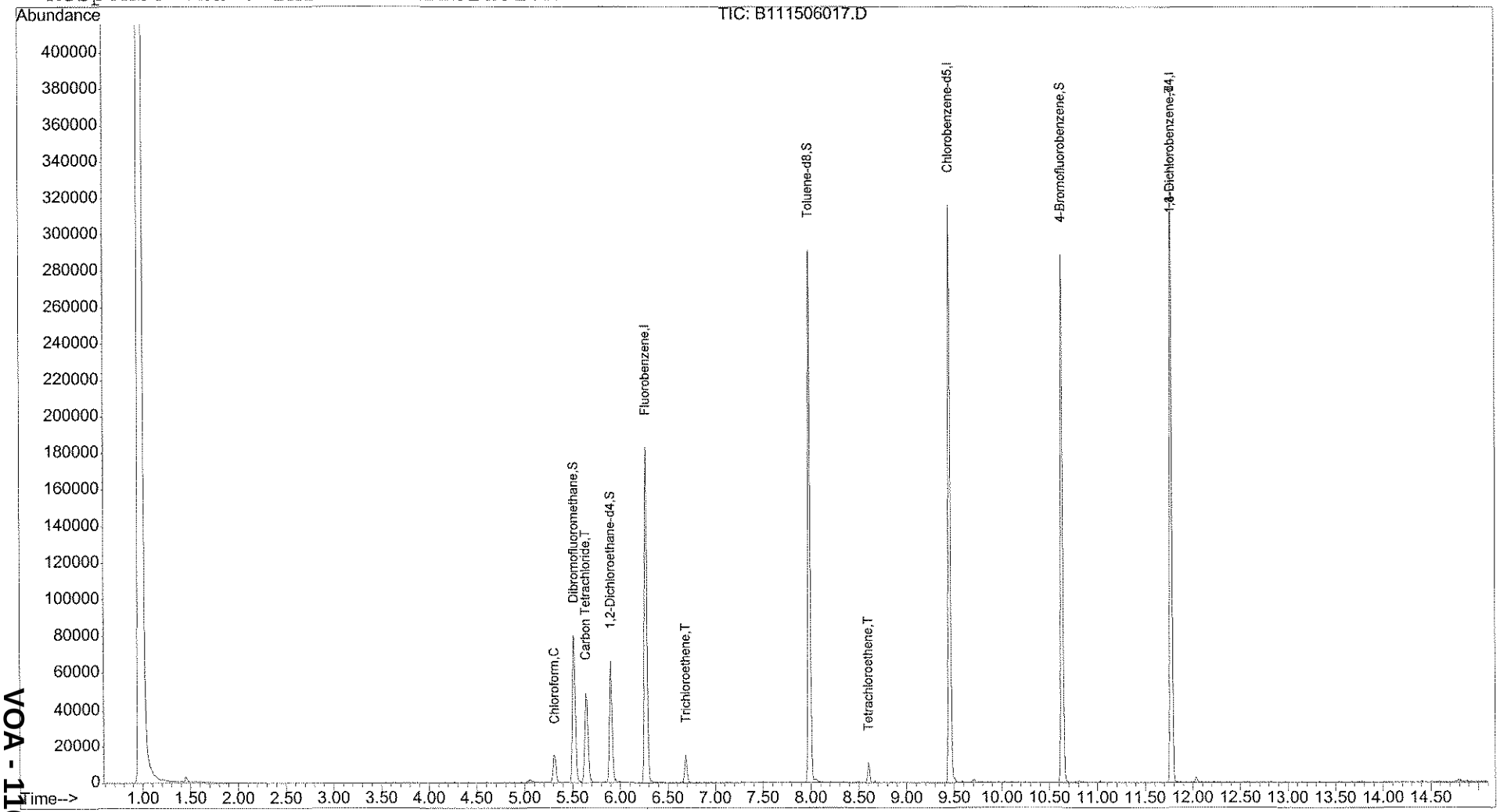
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111506\B111506017.D Vial: 26
Acq On : 15 Nov 2006 19:51 Operator: LH
Sample : JPL23-016 MW-18-4 Inst : Buddha
Misc : 25ML+IS/SS #5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 15:28 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



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Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506017.D Vial: 26
Acq On : 15 Nov 2006 19:51 Operator: LH
Sample : JPL23-016 MW-18-4 Inst : Buddha
Misc : 25ML+IS/SS #5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 15:28 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

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	6.27	96	148631	10.00 ug/l	0.00
51) Chlorobenzene-d5	9.45	82	81970	10.00 ug/l	0.00
71) 1,4-Dichlorobenzene-d4	11.78	152	85397	10.00 ug/l	0.00
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	47618	11.39 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	55542	12.98 ug/l	0.00
52) Toluene-d8	7.99	98	166020	10.32 ug/l	0.00
72) 4-Bromofluorobenzene	10.64	95	71005	11.66 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	2.53	43	79	~~Below Cal #~~	38
12) Iodomethane	0.00	142	0	N.D.	
13) Bromoethane	0.00	108	0	N.D.	
14) Carbon Disulfide	2.62	76	139	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	31	N.D.	
23) 1,1-Dichloroethane	0.00	63	0	N.D.	
24) Chloroprene	0.00	53	0	N.D.	
25) 2,2-Dichloropropane	4.78	77	31	N.D.	
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.	
27) Propionitrile	4.97	54	29	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	13402	1.32 ug/l	88
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\BUDDHA\111506\B111506017.D Vial: 26
Acq On : 15 Nov 2006 19:51 Operator: LH
Sample : JPL23-016 MW-18-4 Inst : Buddha
Misc : 25ML+IS/SS #5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 15:28 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
34)	Cyclohexane	0.00	56	0	N.D.	
35)	Carbon Tetrachloride	5.65	117	36796	5.32 ug/l	100
36)	Isobutanol	0.00	43	0	N.D. d	
37)	1,1-Dichloropropene	5.54	75	32	N.D.	
39)	Benzene	5.92	78	83	N.D.	
40)	1,2-Dichloroethane	6.00	62	29	N.D.	
41)	Trichloroethene	6.69	130	4502	0.96 ug/l	92
42)	Methylcyclohexane	6.69	83	34	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. d	
47)	2-Chloroethyl vinyl ether	0.00	63	0	N.D.	
48)	Bromodichloromethane	0.00	83	0	N.D.	
49)	cis-1,3-Dichloropropene	7.73	75	39	N.D.	
50)	4-Methyl-2-pentanone	0.00	43	0	N.D. d	
53)	Toluene	8.05	92	140	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	8.66	97	57	N.D.	
57)	Tetrachloroethene	8.61	166	2904	0.48 ug/l #	77
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	0.00	107	0	N.D.	
62)	Chlorobenzene	0.00	112	0	N.D.	
63)	1-Chlorohexane	9.58	91	189	N.D.	
64)	Ethylbenzene	9.58	91	189	N.D.	
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
66)	m,p-Xylene	9.58	106	90	N.D.	
67)	o-xylene	0.00	106	0	N.D.	
68)	Styrene	10.12	104	35	N.D.	
69)	Bromoform	10.33	173	35	N.D.	
70)	Isopropylbenzene	10.47	105	39	N.D.	
73)	1,1,2,2-Tetrachloroethane	10.80	83	33	N.D.	
74)	n-Propylbenzene	0.00	120	0	N.D.	
75)	trans-1,4-Dichloro-2-buten	10.47	53	35	N.D.	
76)	Bromobenzene	10.64	156	53	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	11.06	105	30	N.D.	

(#) = qualifier out of range (m) = manual integration

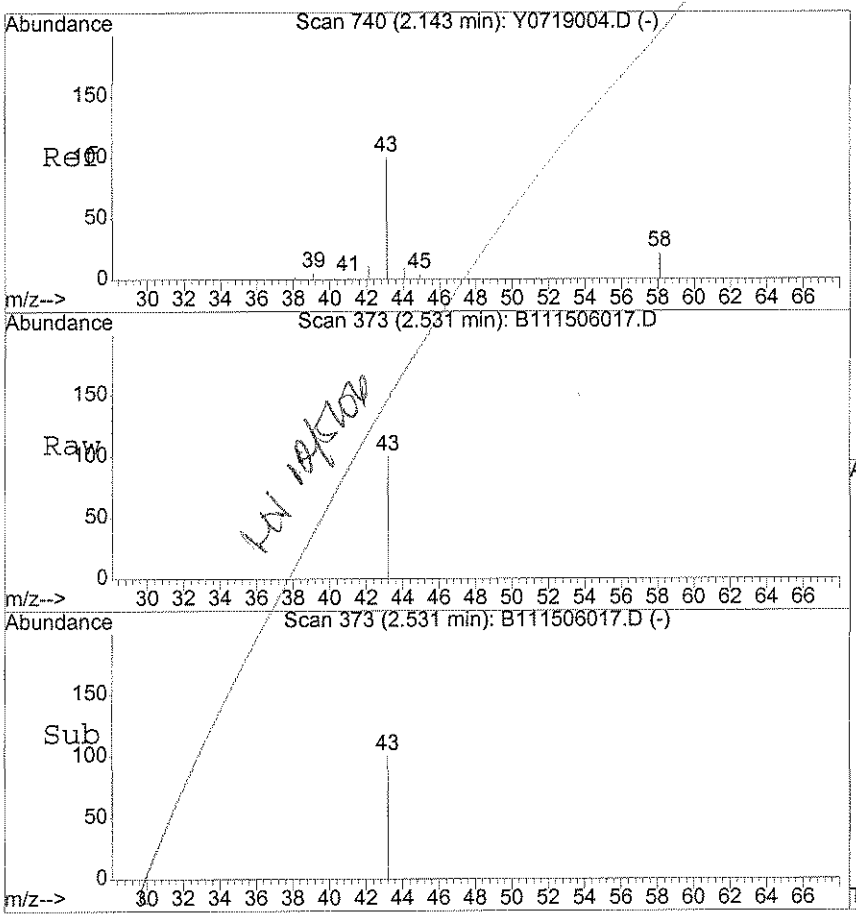
Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506017.D Vial: 26
Acq On : 15 Nov 2006 19:51 Operator: LH
Sample : JPL23-016 MW-18-4 Inst : Buddha
Misc : 25ML+IS/SS #5 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 15:28 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
80)	4-Chlorotoluene	0.00	91	0	N.D.	
81)	tert-Butylbenzene	11.41	119	30	N.D.	
82)	1,2,4-Trimethylbenzene	11.42	105	34	N.D.	
83)	sec-butylbenzene	11.42	105	34	N.D.	
84)	4-Isopropyltoluene	11.74	119	64	N.D.	
85)	1,3-Dichlorobenzene	11.77	111	1148	0.33 ug/l #	1
86)	1,4-Dichlorobenzene	11.80	146	30	N.D.	
87)	n-Butylbenzene	11.92	91	34	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	13.58	180	29	N.D.	
91)	Hexachlorobutadiene	13.90	225	29	N.D.	
92)	Naphthalene	0.00	128	0	N.D.	
93)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

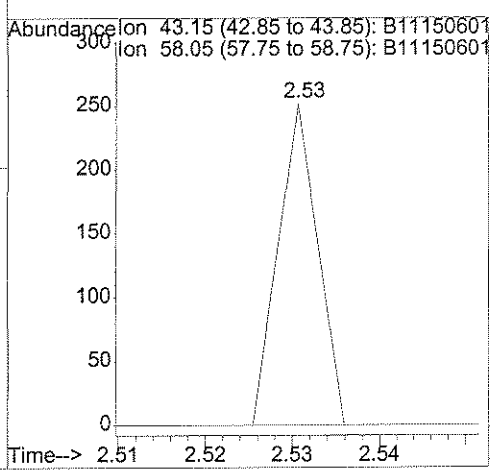
(#) = qualifier out of range (m) = manual integration

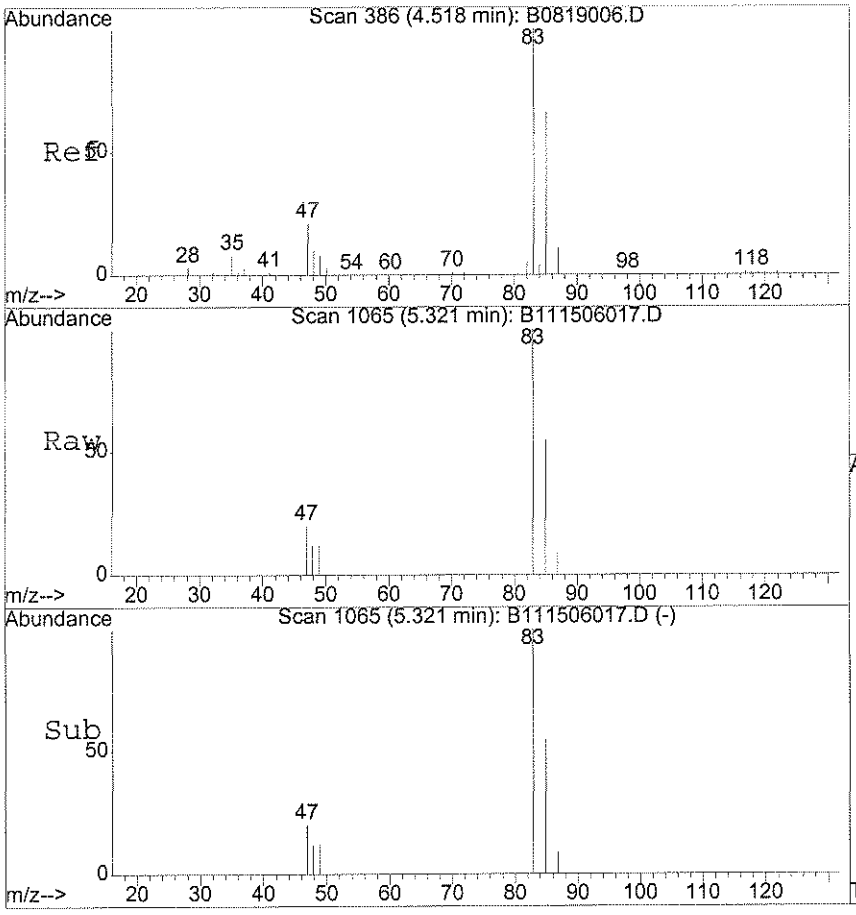


#11
Acetone
Concen: Below Cal
RT: 2.53 min Scan# 373
Delta R.T. 0.01 min
Lab File: B111506017.D
Acq: 15 Nov 2006 19:51

Tgt Ion: 43 Resp: 79

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.2	43.8#

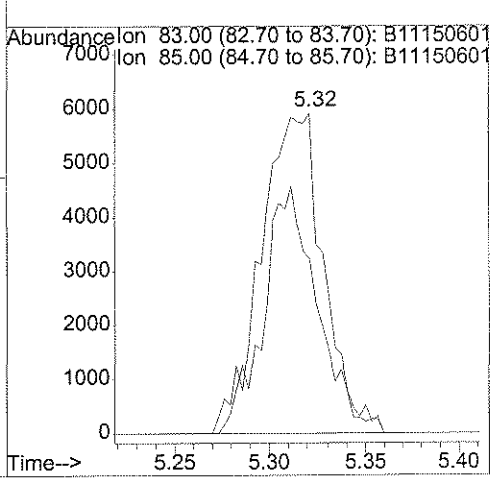


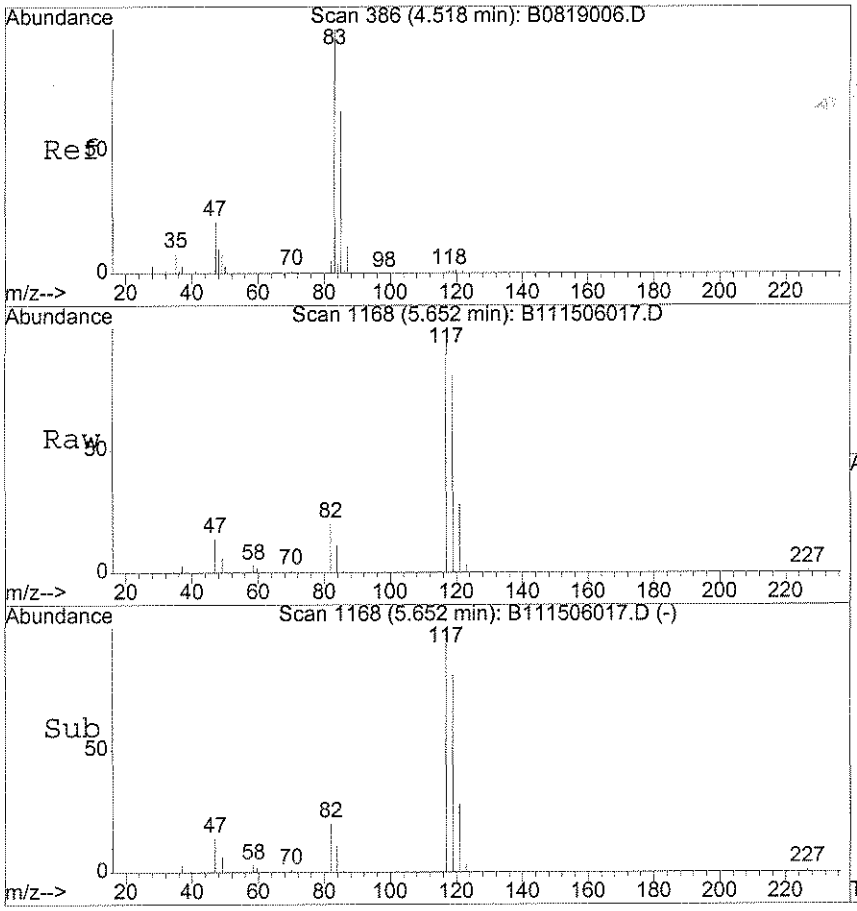


#31
Chloroform
Concen: 1.32 ug/l
RT: 5.32 min Scan# 1065
Delta R.T. 0.01 min
Lab File: B111506017.D
Acq: 15 Nov 2006 19:51

Tgt Ion: 83 Resp: 13402

Ion	Ratio	Lower	Upper
83	100		
85	66.9	38.2	78.2

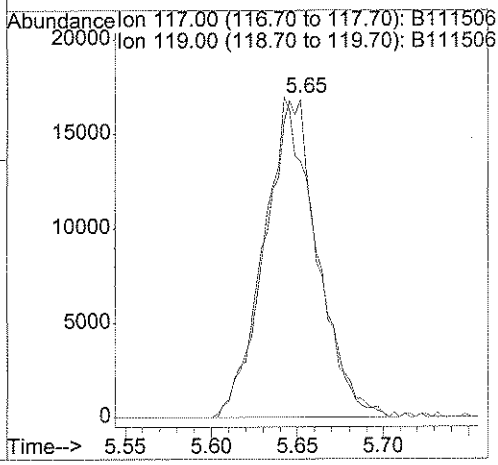


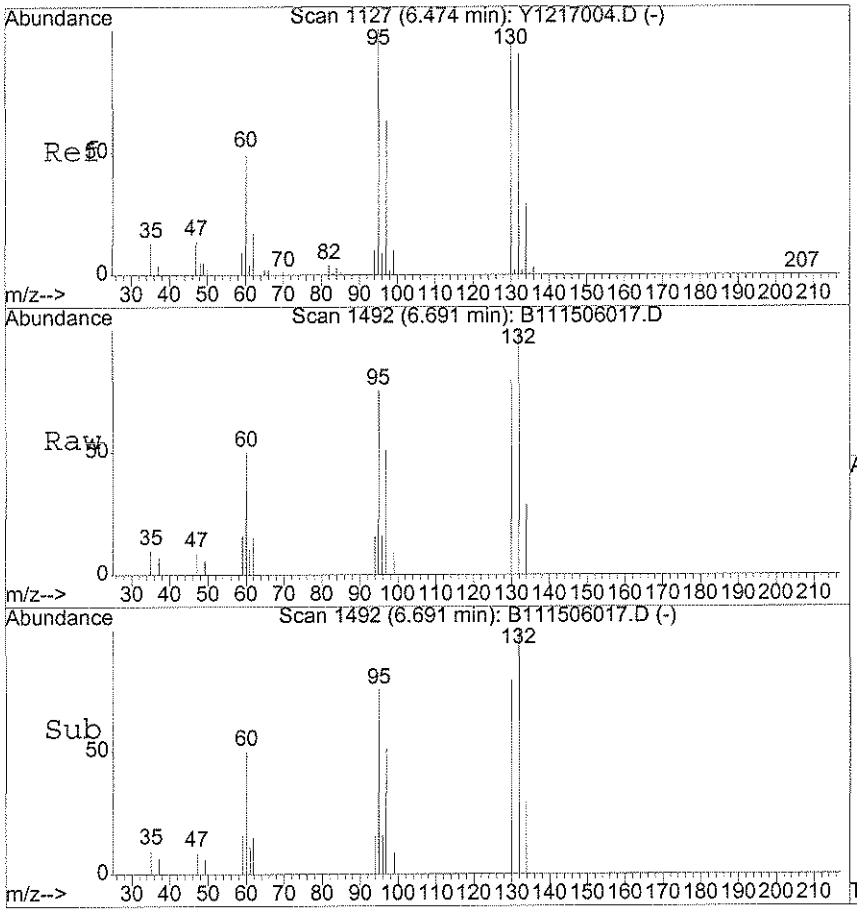


#35
Carbon Tetrachloride
Concen: 5.32 ug/l
RT: 5.65 min Scan# 1168
Delta R.T. -0.00 min
Lab File: B111506017.D
Acq: 15 Nov 2006 19:51

Tgt Ion:117 Resp: 36796

Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.7	116.7

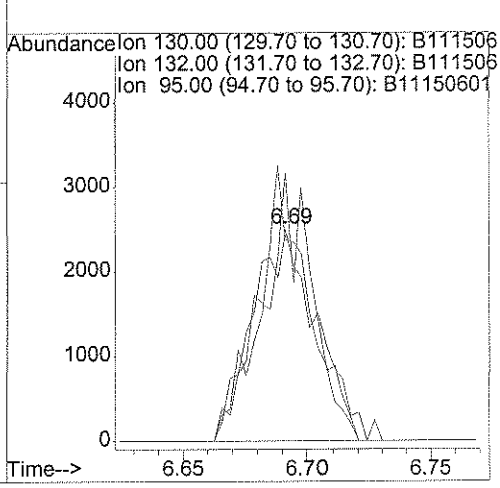


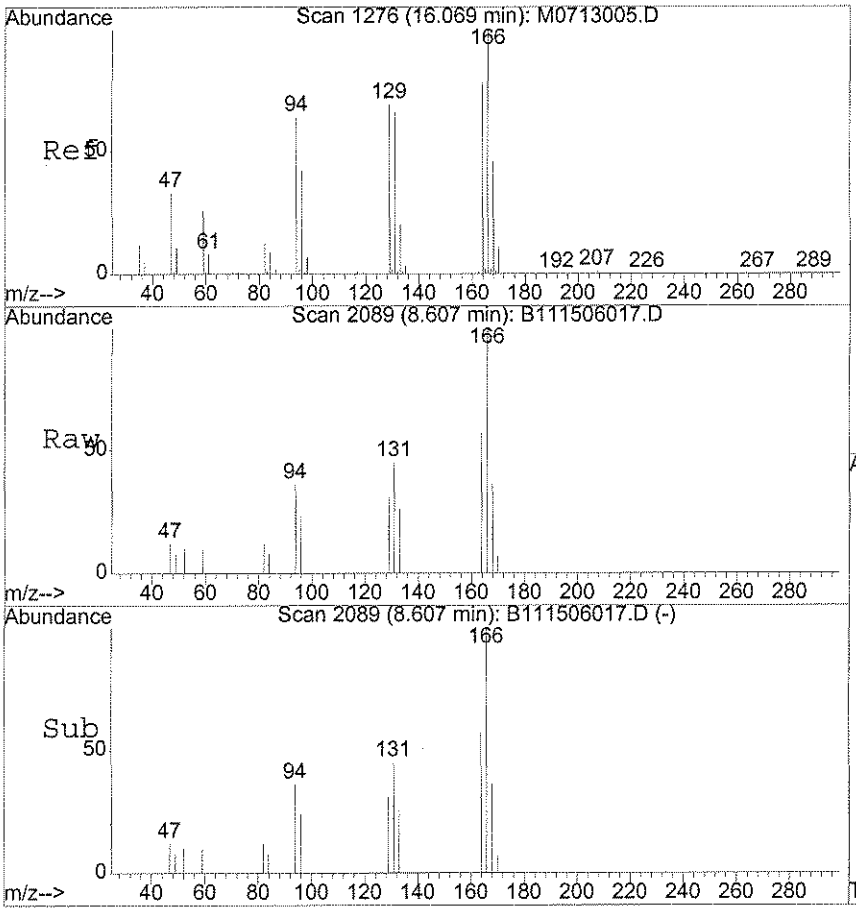


#41
Trichloroethene
Concen: 0.96 ug/l
RT: 6.69 min Scan# 1492
Delta R.T. -0.00 min
Lab File: B111506017.D
Acq: 15 Nov 2006 19:51

Tgt Ion:130 Resp: 4502

Ion	Ratio	Lower	Upper
130	100		
132	101.6	81.1	121.1
95	94.9	60.0	100.0

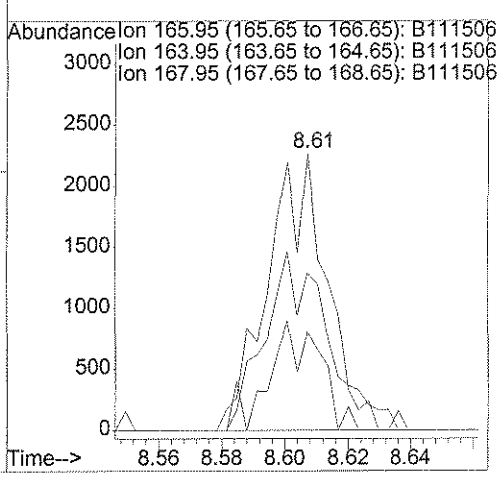


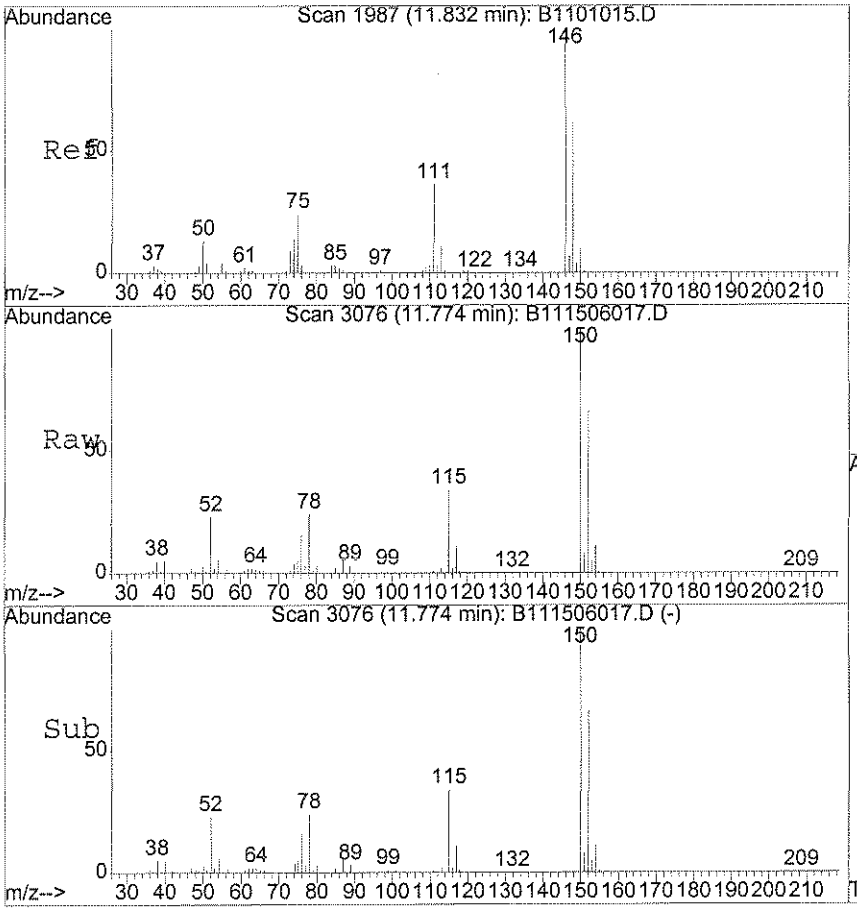


#57
Tetrachloroethene
Concen: 0.48 ug/l
RT: 8.61 min Scan# 2089
Delta R.T. -0.00 min
Lab File: B111506017.D
Acq: 15 Nov 2006 19:51

Tgt Ion:166 Resp: 2904

Ion	Ratio	Lower	Upper
166	100		
164	69.7	60.8	91.2
168	17.5	39.4	59.0#

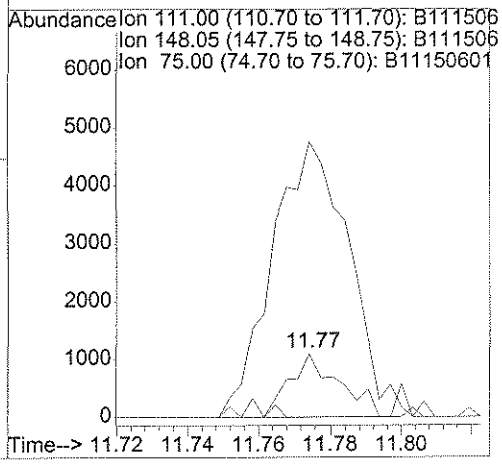




#85
1,3-Dichlorobenzene
Concen: 0.33 ug/l
RT: 11.77 min Scan# 3076
Delta R.T. 0.07 min
Lab File: B111506017.D
Acq: 15 Nov 2006 19:51

Tgt Ion:111 Resp: 1148

Ion	Ratio	Lower	Upper
111	100		
148	3.6	130.9	196.3#
75	613.7	64.0	96.0#



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/13/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 20:21

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/13/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 20:21

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	0.41	J
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-2

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012636

Matrix: (SOIL/SED/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: 11/13/2006

% Moisture: not dec. Date/Time Analyzed: 11/15/2006 20:21

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

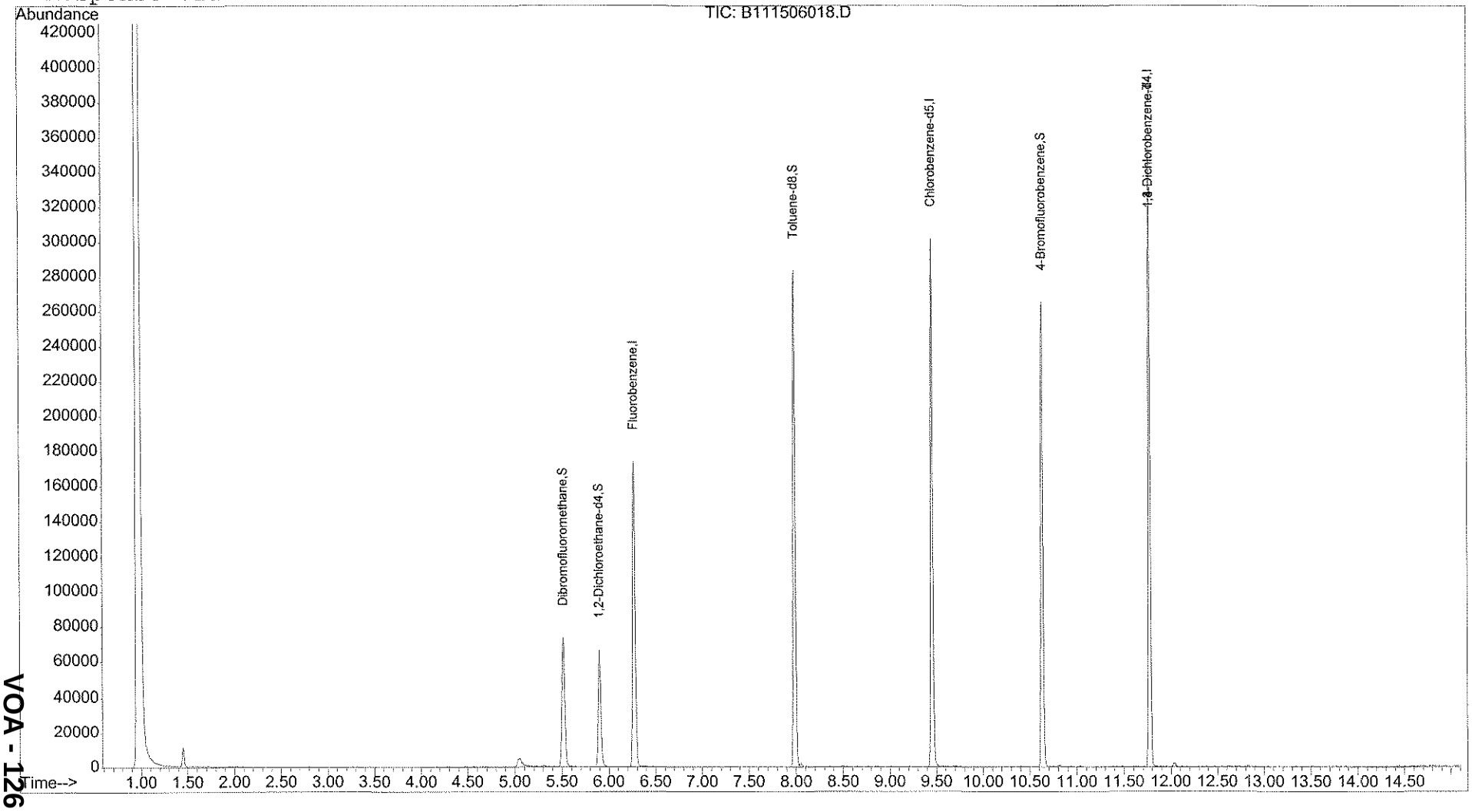
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111506\B111506018.D Vial: 27
Acq On : 15 Nov 2006 20:21 Operator: LH
Sample : JPL23-017 MW-18-2 Inst : Buddha
Misc : 25ML+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 15:36 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



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Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506018.D Vial: 27
Acq On : 15 Nov 2006 20:21 Operator: LH
Sample : JPL23-017 MW-18-2 Inst : Buddha
Misc : 25ML+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 15:36 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

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	6.27	96	145766	10.00 ug/l	0.00
51) Chlorobenzene-d5	9.45	82	79075	10.00 ug/l	0.00
71) 1,4-Dichlorobenzene-d4	11.77	152	82825	10.00 ug/l	0.00
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	47089	11.48 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	54159	12.90 ug/l	0.00
52) Toluene-d8	7.98	98	161906	10.43 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	69338	11.74 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	2.53	43	98	~~Below Cal #~~	38
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	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	4.17	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	0.00	96	0	N.D.	
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	5.29	41	30	N.D.	
31) Chloroform	5.31	83	207	~~Below Cal #~~	22
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\BUDDHA\111506\B111506018.D Vial: 27
Acq On : 15 Nov 2006 20:21 Operator: LH
Sample : JPL23-017 MW-18-2 Inst : Buddha
Misc : 25ML+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 15:36 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
34)	Cyclohexane	0.00	56	0	N.D.			
35)	Carbon Tetrachloride	5.63	117	72	N.D.			
36)	Isobutanol	0.00	43	0	N.D.		d	
37)	1,1-Dichloropropene	5.68	75	32	N.D.			
39)	Benzene	5.92	78	33	N.D.			
40)	1,2-Dichloroethane	5.99	62	46	N.D.			
41)	Trichloroethene	0.00	130	0	N.D.			
42)	Methylcyclohexane	0.00	83	0	N.D.			
43)	1,2-Dichloropropane	6.86	63	41	Below Cal		#	45
44)	Dibromomethane	0.00	93	0	N.D.			
45)	Methyl methacrylate	7.27	41	29	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	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	111	N.D.			
54)	Ethyl methacrylate	8.63	69	29	N.D.			
55)	trans-1,3-Dichloropropene	8.17	75	34	N.D.			
56)	1,1,2-Trichloroethane	8.34	97	35	N.D.			
57)	Tetrachloroethene	8.60	166	32	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	8.89	107	47	N.D.			
62)	Chlorobenzene	9.48	112	30	N.D.			
63)	1-Chlorohexane	9.59	91	110	N.D.			
64)	Ethylbenzene	9.59	91	110	N.D.			
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.			
66)	m,p-Xylene	9.70	106	39	N.D.			
67)	o-xylene	10.10	106	35	N.D.			
68)	Styrene	0.00	104	0	N.D.			
69)	Bromoform	0.00	173	0	N.D.			
70)	Isopropylbenzene	10.63	105	255	N.D.			
73)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.			
74)	n-Propylbenzene	0.00	120	0	N.D.			
75)	trans-1,4-Dichloro-2-buten	10.72	53	35	N.D.			
76)	Bromobenzene	10.61	156	30	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	11.04	105	33	N.D.			

AAL D/5/07

(#) = qualifier out of range (m) = manual integration
B111506018.D 826025ML.M Tue Dec 05 15:36:38 2006 Page 2

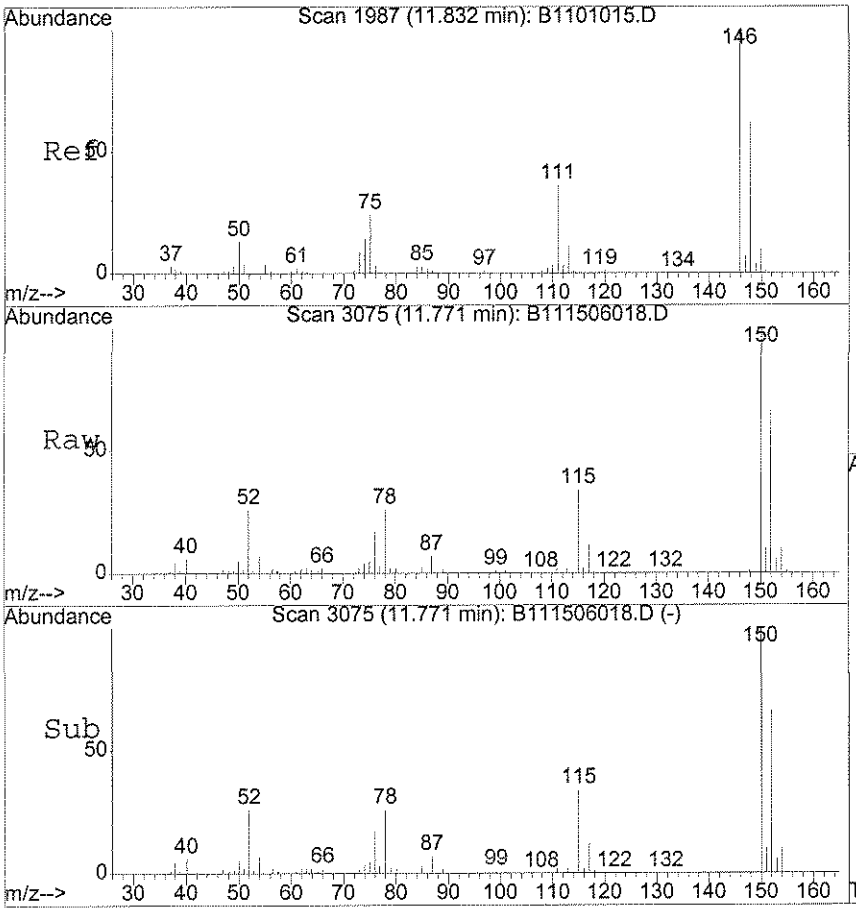
Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506018.D Vial: 27
Acq On : 15 Nov 2006 20:21 Operator: LH
Sample : JPL23-017 MW-18-2 Inst : Buddha
Misc : 25ML+IS/SS #1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 5 15:36 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
80)	4-Chlorotoluene	0.00	91	0	N.D.	
81)	tert-Butylbenzene	11.15	119	38	N.D.	
82)	1,2,4-Trimethylbenzene	11.32	105	39	N.D.	
83)	sec-butylbenzene	11.54	105	53	N.D.	
84)	4-Isopropyltoluene	11.62	119	38	N.D.	
85)	1,3-Dichlorobenzene	11.77	111	1394	0.41 ug/l #	1
86)	1,4-Dichlorobenzene	11.61	146	38	N.D.	
87)	n-Butylbenzene	12.14	91	32	N.D.	
88)	1,2-Dichlorobenzene	12.29	146	33	N.D.	
89)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
90)	1,2,4-Trichlorobenzene	13.77	180	33	N.D.	
91)	Hexachlorobutadiene	0.00	225	0	N.D.	
92)	Naphthalene	0.00	128	0	N.D. d	
93)	1,2,3-Trichlorobenzene	14.42	180	41	N.D.	

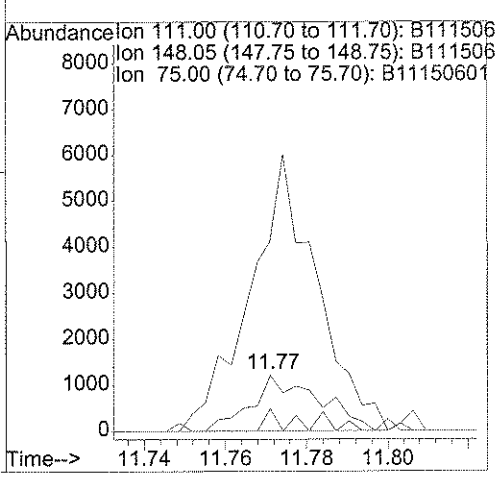
(#) = qualifier out of range (m) = manual integration



#85
1,3-Dichlorobenzene
Concen: 0.41 ug/l
RT: 11.77 min Scan# 3075
Delta R.T. 0.06 min
Lab File: B111506018.D
Acq: 15 Nov 2006 20:21

Tgt Ion:111 Resp: 1394

Ion	Ratio	Lower	Upper
111	100		
148	6.7	130.9	196.3#
75	492.0	64.0	96.0#



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

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/SED/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/Time Analyzed: 11/15/2006 20:51

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

VOLATILE ORGANICS ANALYSIS DATA SHEET

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/SED/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/Time Analyzed: 11/15/2006 20:51

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

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VOLATILE ORGANICS ANALYSIS DATA SHEET

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/SED/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/Time Analyzed: 11/15/2006 20:51

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

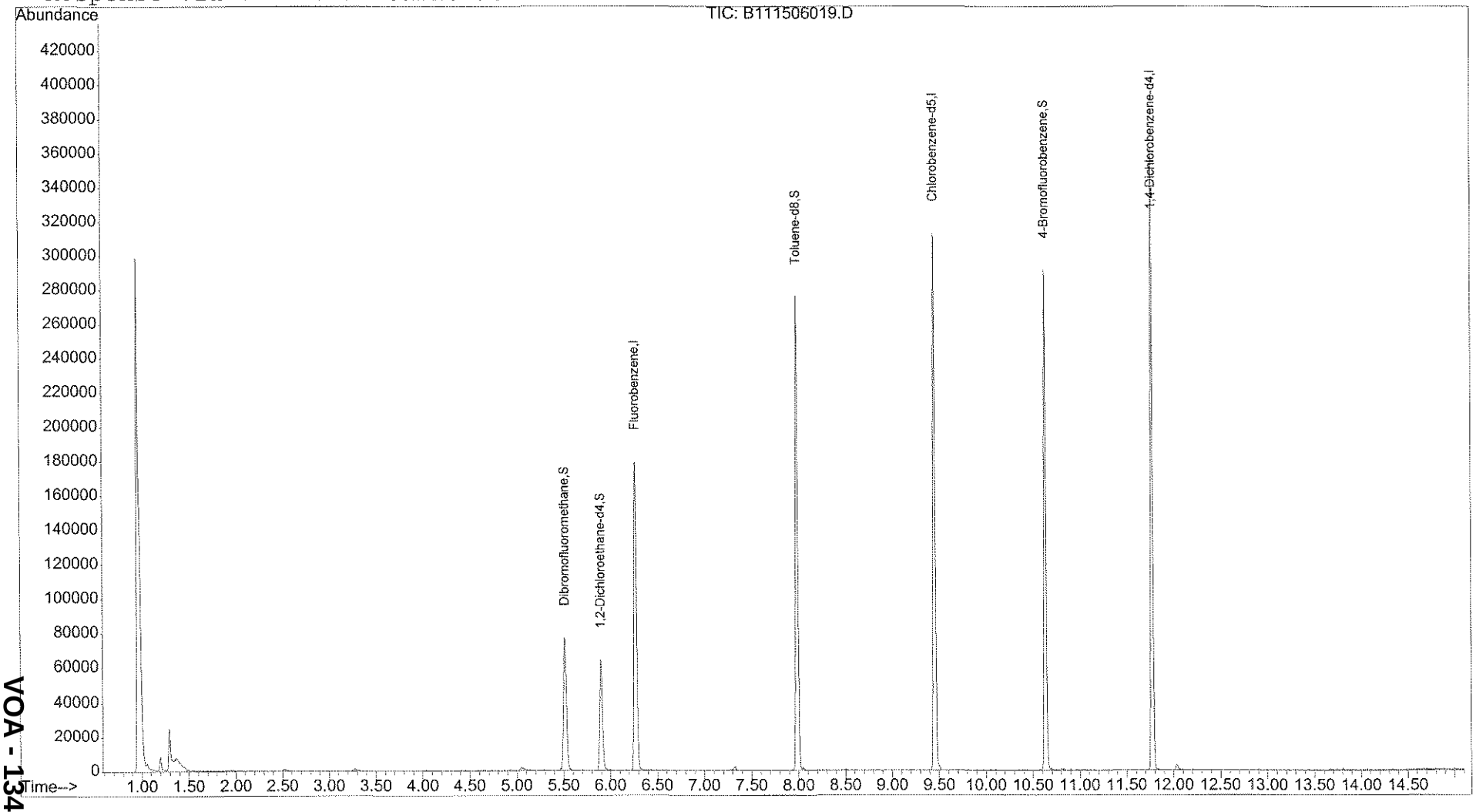
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111506\B111506019.D Vial: 28
Acq On : 15 Nov 2006 20:51 Operator: LH
Sample : JPL23-018 EB-13-11/13/06 Inst : Buddha
Misc : 25ML+IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 10:19 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



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Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506019.D Vial: 28
Acq On : 15 Nov 2006 20:51 Operator: LH
Sample : JPL23-018 EB-13-11/13/06 Inst : Buddha
Misc : 25ML+IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 10:19 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.27	96	145662	10.00	ug/l	0.00
51) Chlorobenzene-d5	9.45	82	81824	10.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	11.77	152	86639	10.00	ug/l	0.00
System Monitoring Compounds						
32) Dibromofluoromethane	5.51	111	49560	12.09	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	56128	13.38	ug/l	0.00
52) Toluene-d8	7.98	98	160810	10.01	ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	70578	11.42	ug/l	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.		
3) Chloromethane	0.00	50	0	N.D.		
4) Vinyl Chloride	0.00	62	0	N.D.		
5) Bromomethane	0.00	96	0	N.D.		
6) Chloroethane	0.00	64	0	N.D.		
7) Trichlorofluoromethane	0.00	101	0	N.D.		
8) 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	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	4.75	77	30	N.D.		
26) cis-1,2-Dichloroethene	0.00	96	0	N.D.		
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	32	Below Cal	#	1
33) 1,1,1-Trichloroethane	0.00	97	0	N.D.		

LN 11/16/06

(#) = qualifier out of range (m) = manual integration
B111506019.D 826025ML.M Thu Nov 16 10:19:21 2006

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506019.D Vial: 28
Acq On : 15 Nov 2006 20:51 Operator: LH
Sample : JPL23-018 EB-13-11/13/06 Inst : Buddha
Misc : 25ML+IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 10:19 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
34)	Cyclohexane	5.49	56	205	N.D.		
35)	Carbon Tetrachloride	5.66	117	33	N.D.		
36)	Isobutanol	0.00	43	0	N.D.	d	
37)	1,1-Dichloropropene	5.73	75	31	N.D.		
39)	Benzene	6.04	78	31	N.D.		
40)	1,2-Dichloroethane	5.93	62	46	N.D.		
41)	Trichloroethene	6.69	130	51	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	7.15	41	29	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	0.00	83	0	N.D.		
49)	cis-1,3-Dichloropropene	0.00	75	0	N.D.		
50)	4-Methyl-2-pentanone	7.94	43	36	N.D.		
53)	Toluene	8.06	92	41	N.D.		
54)	Ethyl methacrylate	0.00	69	0	N.D.		
55)	trans-1,3-Dichloropropene	8.29	75	29	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	9.02	129	54	N.D.		
61)	1,2-Dibromoethane	0.00	107	0	N.D.		
62)	Chlorobenzene	0.00	112	0	N.D.		
63)	1-Chlorohexane	9.69	91	97	N.D.		
64)	Ethylbenzene	9.69	91	97	N.D.		
65)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
66)	m,p-Xylene	9.70	106	35	N.D.		
67)	o-xylene	10.10	106	30	N.D.		
68)	Styrene	10.11	104	32	N.D.		
69)	Bromoform	10.33	173	32	N.D.		
70)	Isopropylbenzene	10.62	105	59	N.D.		
73)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
74)	n-Propylbenzene	10.98	120	31	N.D.		
75)	trans-1,4-Dichloro-2-buten	10.63	53	31	N.D.		
76)	Bromobenzene	0.00	156	0	N.D.		
77)	1,2,3-Trichloropropane	10.63	110	30	N.D.		
78)	2-Chlorotoluene	0.00	91	0	N.D.		
79)	1,3,5-Trimethylbenzene	10.97	105	29	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : X:\MSVOA\BUDDHA\111506\B111506019.D Vial: 28
Acq On : 15 Nov 2006 20:51 Operator: LH
Sample : JPL23-018 EB-13-11/13/06 Inst : Buddha
Misc : 25ML+IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 16 10:19 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
80)	4-Chlorotoluene	0.00	91	0	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.43	105	72	N.D.		
83)	sec-butylbenzene	11.43	105	72	N.D.		
84)	4-Isopropyltoluene	0.00	119	0	N.D.		
85)	1,3-Dichlorobenzene	11.77	111	1253	N.D.		
86)	1,4-Dichlorobenzene	11.79	146	36	N.D.		
87)	n-Butylbenzene	11.99	91	40	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	13.88	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
B111506019.D 826025ML.M Thu Nov 16 10:19:22 2006 Page 3

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VOLATILE ORGANICS ANALYSIS DATA SHEET

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/SED/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: 11/13/2006

% Moisture: not dec. Date/Time Analyzed: 11/14/2006 15:47

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

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/SED/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: 11/13/2006

% Moisture: not dec. Date/Time Analyzed: 11/14/2006 15:47

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-13-11/13/06

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012634

Matrix: (SOIL/SED/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: 11/13/2006

% Moisture: not dec. Date/Time Analyzed: 11/14/2006 15:47

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

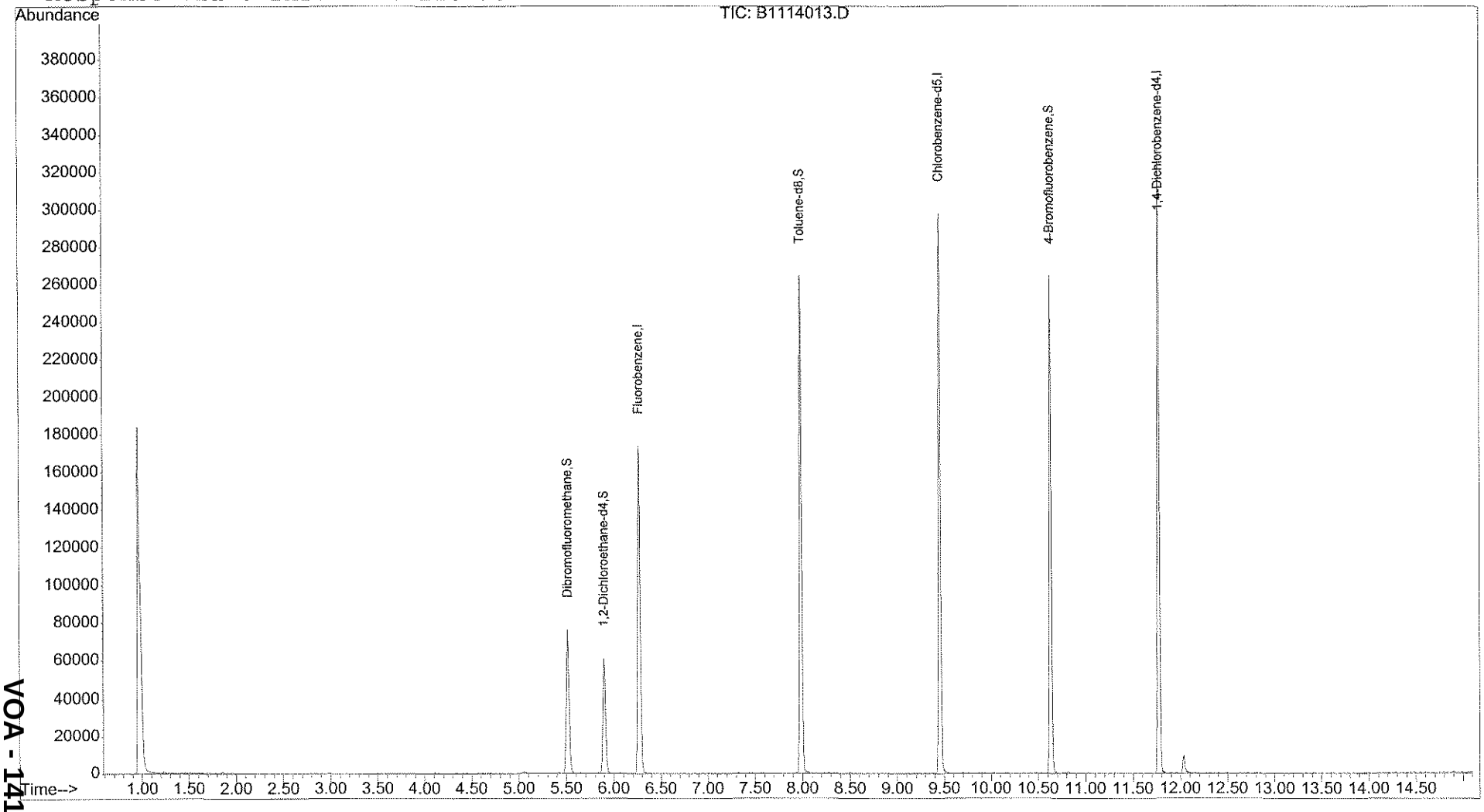
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111406\B1114013.D Vial: 20
Acq On : 14 Nov 2006 15:47 Operator: LH
Sample : JPL23-019 TB-13-11/13/06 Inst : Buddha
Misc : 25ML +IS/SS #2 TRIP BLANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 13:15 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



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Quantitation Report

Data File : X:\MSVOA\BUDDHA\111406\B1114013.D Vial: 20
Acq On : 14 Nov 2006 15:47 Operator: LH
Sample : JPL23-019 TB-13-11/13/06 Inst : Buddha
Misc : 25ML +IS/SS #2 TRIP BLANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 13:15 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	140776	10.00 ug/l	0.00 45.26%
51) Chlorobenzene-d5	9.45	82	76221	10.00 ug/l	0.00 47.62%
71) 1,4-Dichlorobenzene-d4	11.77	152	79242	10.00 ug/l	0.00 41.13%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	44848	11.32 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	51600	12.73 ug/l	0.00
52) Toluene-d8	7.98	98	155195	10.37 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	67016	11.86 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	1.23	50	548	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	2.53	43	199	~~Below Cal #~~	38
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	205	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	4.06	43	41	N.D.	
23) 1,1-Dichloroethane	0.00	63	0	N.D.	
24) Chloroprene	4.13	53	34	N.D.	
25) 2,2-Dichloropropane	0.00	77	0	N.D.	
26) cis-1,2-Dichloroethene	4.89	96	37	N.D.	

LH 12/4/06

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111406\B1114013.D Vial: 20
Acq On : 14 Nov 2006 15:47 Operator: LH
Sample : JPL23-019 TB-13-11/13/06 Inst : Buddha
Misc : 25ML +IS/SS #2 TRIP BLANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 13:15 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	5.28	41	38	N.D.		
31) Chloroform	0.00	83	0	N.D.		
33) 1,1,1-Trichloroethane	0.00	97	0	N.D.		
34) Cyclohexane	5.50	56	33	N.D.		
35) Carbon Tetrachloride	5.77	117	33	N.D.		
36) Isobutanol	0.00	43	0	N.D.	d	
37) 1,1-Dichloropropene	0.00	75	0	N.D.		
39) Benzene	5.91	78	41	N.D.		
40) 1,2-Dichloroethane	0.00	62	0	N.D.		
41) Trichloroethene	6.60	130	51	N.D.		
42) Methylcyclohexane	6.82	83	39	N.D.		
43) 1,2-Dichloropropane	6.95	63	29	Below Cal # 45		
44) Dibromomethane	0.00	93	0	N.D.		
45) Methyl methacrylate	7.19	41	30	N.D.		
46) 1,4-Dioxane	0.00	88	0	N.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	8.06	92	49	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	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	8.79	129	37	N.D.		
61) 1,2-Dibromoethane	0.00	107	0	N.D.		
62) Chlorobenzene	9.45	112	35	N.D.		
63) 1-Chlorohexane	9.70	91	111	N.D.		
64) Ethylbenzene	9.70	91	111	N.D.		
65) 1,1,1,2-Tetrachloroethane	9.70	131	47	N.D.		
66) m,p-Xylene	9.70	106	41	N.D.		
67) o-xylene	0.00	106	0	N.D.		
68) Styrene	0.00	104	0	N.D.		
69) Bromoform	0.00	173	0	N.D.		
70) Isopropylbenzene	10.63	105	66	N.D.		
73) 1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111406\B1114013.D Vial: 20
Acq On : 14 Nov 2006 15:47 Operator: LH
Sample : JPL23-019 TB-13-11/13/06 Inst : Buddha
Misc : 25ML +IS/SS #2 TRIP BLANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Dec 4 13:15 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	10.87	120	48	N.D.	
75)	trans-1,4-Dichloro-2-buten	0.00	53	0	N.D.	
76)	Bromobenzene	10.64	156	30	N.D.	
77)	1,2,3-Trichloropropane	10.80	110	39	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	11.36	119	44	N.D.	
82)	1,2,4-Trimethylbenzene	11.65	105	35	N.D.	
83)	sec-butylbenzene	11.65	105	35	N.D.	
84)	4-Isopropyltoluene	11.74	119	32	N.D.	
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d
86)	1,4-Dichlorobenzene	11.80	146	36	N.D.	
87)	n-Butylbenzene	12.15	91	38	N.D.	
88)	1,2-Dichlorobenzene	0.00	146	0	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.	
93)	1,2,3-Trichlorobenzene	14.21	180	29	N.D.	

(#) = qualifier out of range (m) = manual integration

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012826

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-020

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121014.D

Level: (LOW/MED) Date Collected: 11/14/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 15:21

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	1.2	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	4.1	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.61	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012826

Matrix: (SOIL/SED/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: 11/14/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 15:21

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-3

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012826

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-020

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121014.D

Level: (LOW/MED) Date Collected: 11/14/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 15:21

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

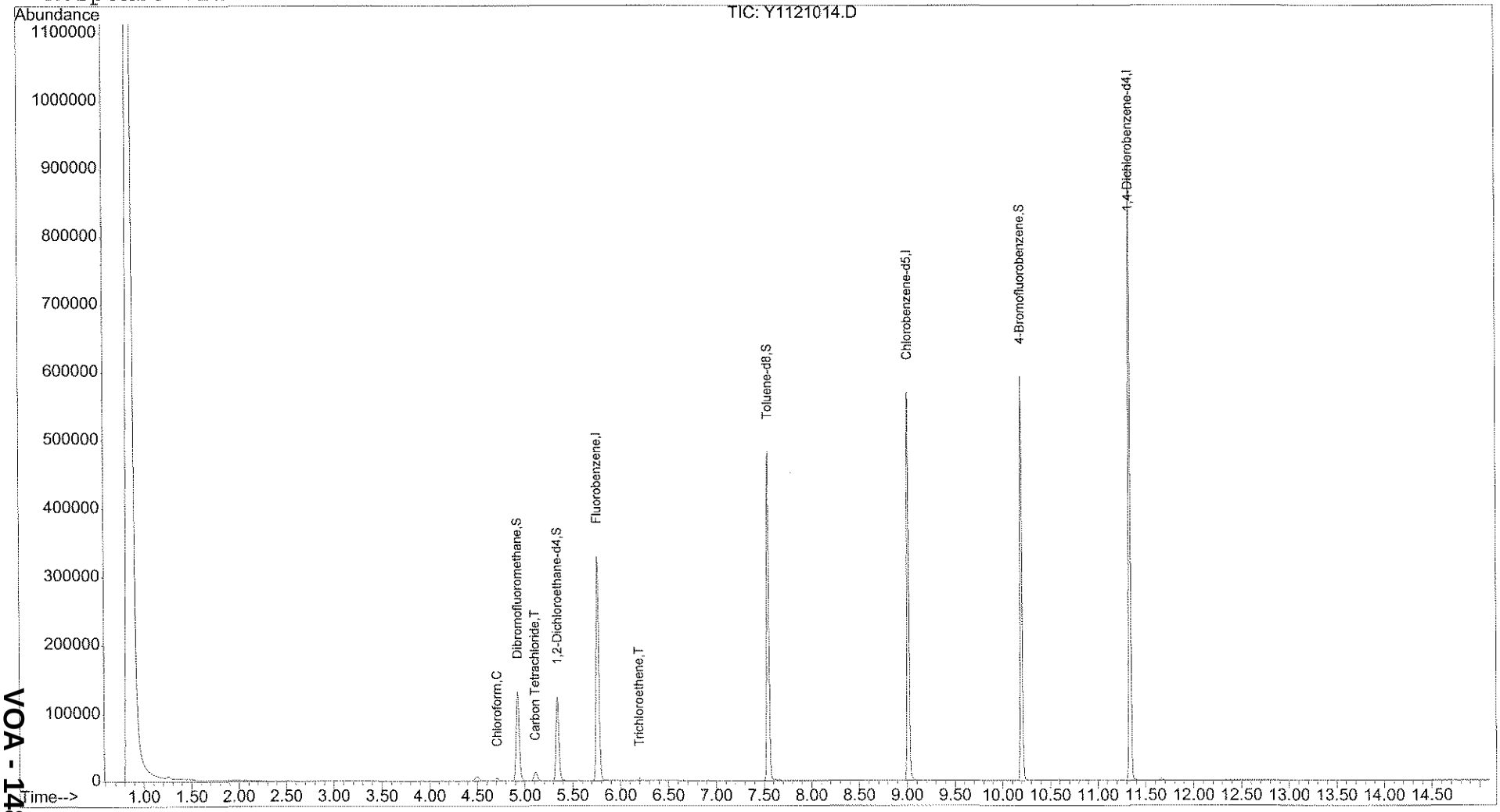
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121014.D Vial: 26
Acq On : 21 Nov 2006 15:21 Operator: LH
Sample : JPL23-020 MW-18-3 Inst : yoda
Misc : 5mL+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:27 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



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Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121014.D Vial: 26
Acq On : 21 Nov 2006 15:21 Operator: LH
Sample : JPL23-020 MW-18-3 Inst : yoda
Misc : 5mL+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:27 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	310369	50.00	ug/l	0.00 78.82%
50) Chlorobenzene-d5	9.01	82	151713	50.00	ug/l	0.00 91.98%
70) 1,4-Dichlorobenzene-d4	11.34	152	211267	50.00	ug/l	0.00 86.73%
System Monitoring Compounds						
32) Dibromofluoromethane	4.93	111	95774	51.99	ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	92902	56.59	ug/l	0.00
51) Toluene-d8	7.55	98	291170	47.41	ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	164473	54.83	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	362	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	2.82	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\Y1121014.D Vial: 26
Acq On : 21 Nov 2006 15:21 Operator: LH
Sample : JPL23-020 MW-18-3 Inst : yoda
Misc : 5mL+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:27 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	4.47	43	58	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	4525	1.18 ug/l		93
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	10327	4.08 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	6.19	130	1238	0.61 ug/l		87
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	1129	Below Cal	#	1
52)	Toluene	7.61	92	76	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	314	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	429	N.D.		
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
65)	m,p-Xylene	9.29	106	75	N.D.		
66)	o-xylene	0.00	106	0	N.D.		
67)	Styrene	9.70	104	72	N.D.		
68)	Bromoform	0.00	173	0	N.D.		
69)	Isopropylbenzene	10.21	105	156	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

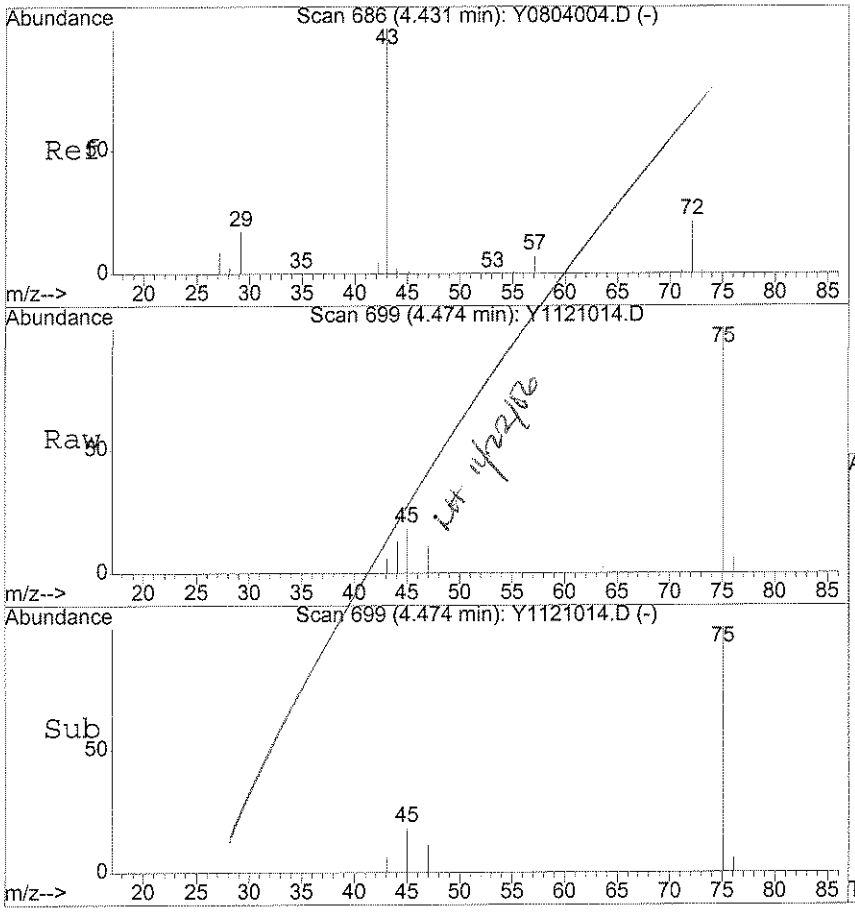
Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121014.D Vial: 26
Acq On : 21 Nov 2006 15:21 Operator: LH
Sample : JPL23-020 MW-18-3 Inst : yoda
Misc : 5mL+IS/SS #7 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 10:27 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	73	N.D.	
78)	1,3,5-Trimethylbenzene	10.66	105	55	N.D.	
79)	4-Chlorotoluene	10.64	91	109	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	61	N.D.	
82)	sec-butylbenzene	11.01	105	61	N.D.	
83)	4-Isopropyltoluene	11.34	119	302	N.D.	
84)	1,3-Dichlorobenzene	11.27	146	54	N.D.	
85)	1,4-Dichlorobenzene	11.27	146	54	N.D.	
86)	n-Butylbenzene	11.74	91	230	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	70	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

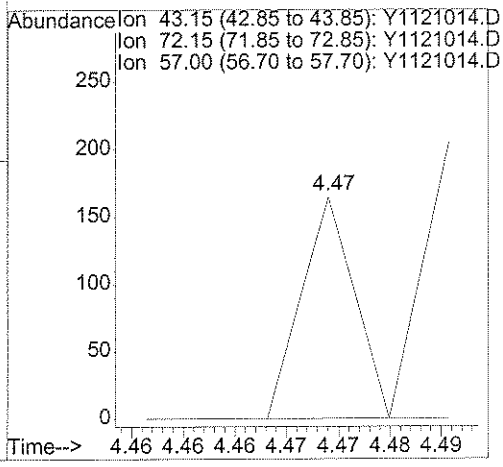
(#) = qualifier out of range (m) = manual integration

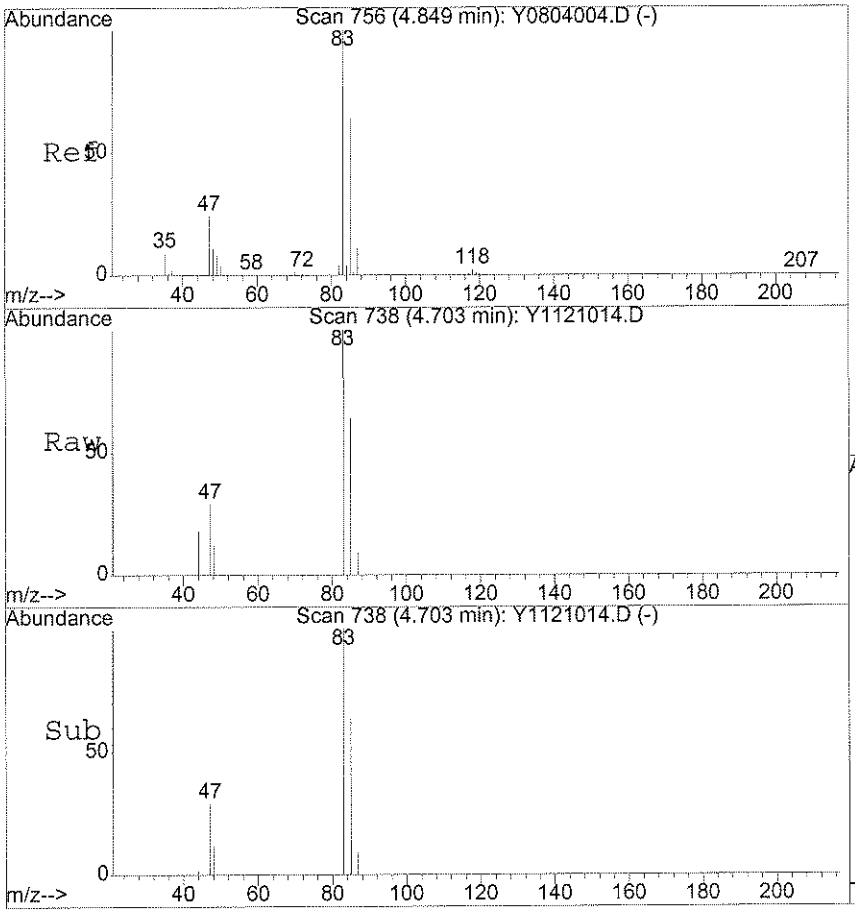


#27
2-Butanone
Concen: Below Cal
RT: 4.47 min Scan# 699
Delta R.T. 0.11 min
Lab File: Y1121014.D
Acq: 21 Nov 2006 15:21

Tgt Ion: 43 Resp: 58

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.8	29.6#
57	0.0	6.6	9.8#

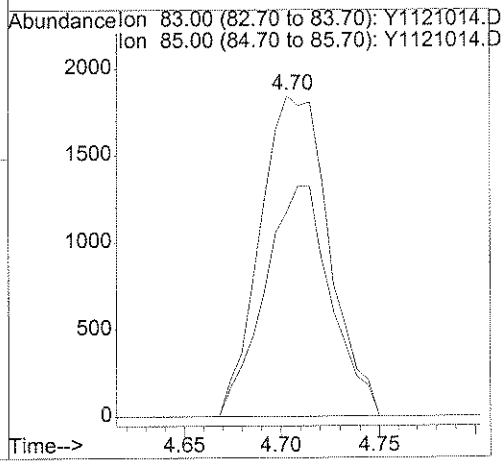


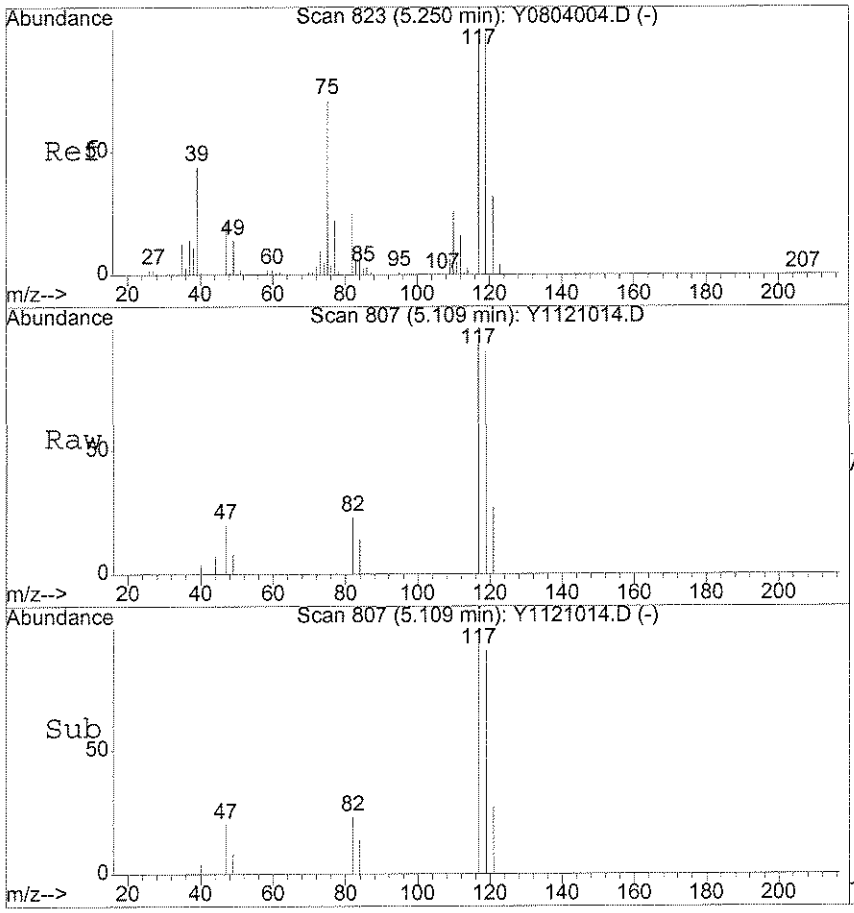


#31
Chloroform
Concen: 1.18 ug/l
RT: 4.70 min Scan# 738
Delta R.T. -0.01 min
Lab File: Y1121014.D
Acq: 21 Nov 2006 15:21

Tgt Ion: 83 Resp: 4525

Ion	Ratio	Lower	Upper
83	100		
85	69.0	43.3	83.3

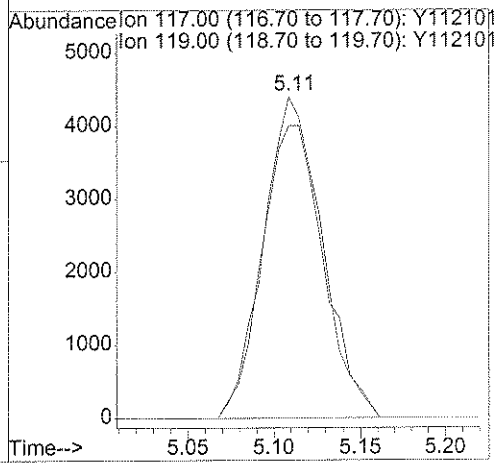


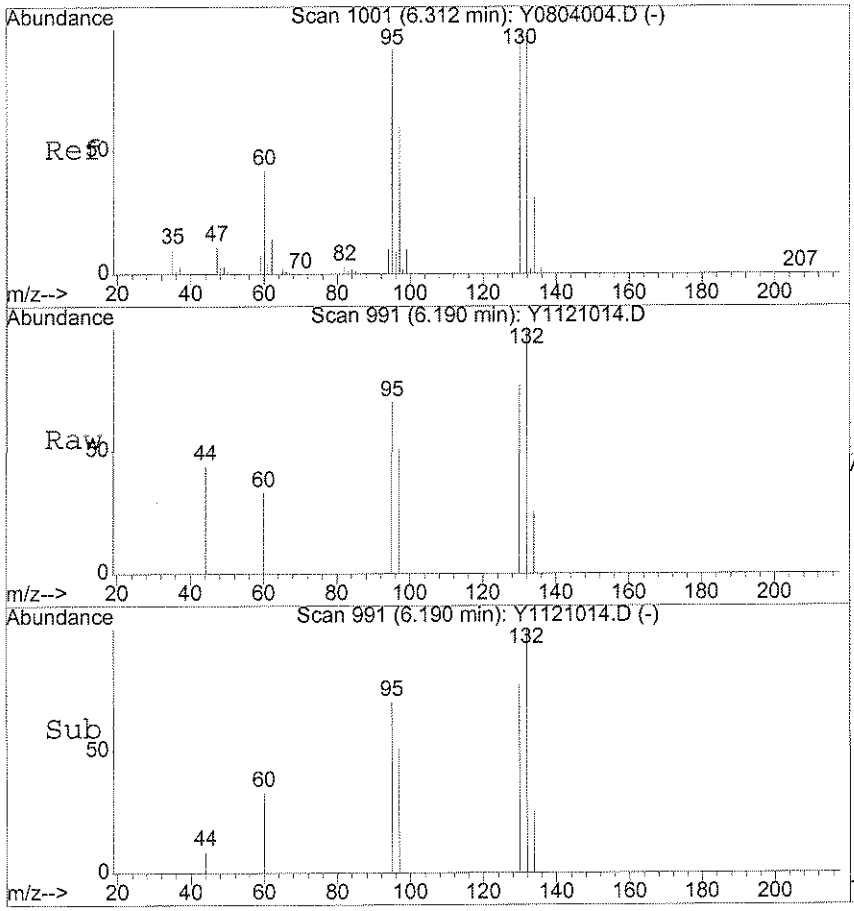


#35
Carbon Tetrachloride
Concen: 4.08 ug/l
RT: 5.11 min Scan# 807
Delta R.T. 0.00 min
Lab File: Y1121014.D
Acq: 21 Nov 2006 15:21

Tgt Ion:117 Resp: 10327

Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.2	118.2

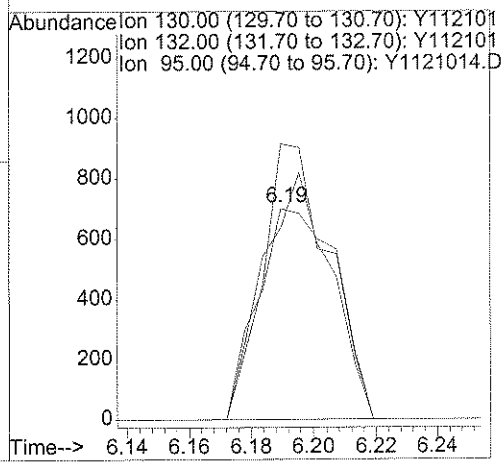




#42
Trichloroethene
Concen: 0.61 ug/l
RT: 6.19 min Scan# 991
Delta R.T. -0.01 min
Lab File: Y1121014.D
Acq: 21 Nov 2006 15:21

Tgt Ion:130 Resp: 1238

Ion	Ratio	Lower	Upper
130	100		
132	108.9	75.0	115.0
95	99.6	69.4	109.4



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012638

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-021

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1116018.D

Level: (LOW/MED) Date Collected: 11/14/2006

% Moisture: not dec. Date/Time Analyzed: 11/16/2006 19:19

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012638

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-021

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1116018.D

Level: (LOW/MED) _____ Date Collected: 11/14/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/16/2006 19:19

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-18-1

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012638

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-021

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: B1116018.D

Level: (LOW/MED) _____ Date Collected: 11/14/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/16/2006 19:19

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

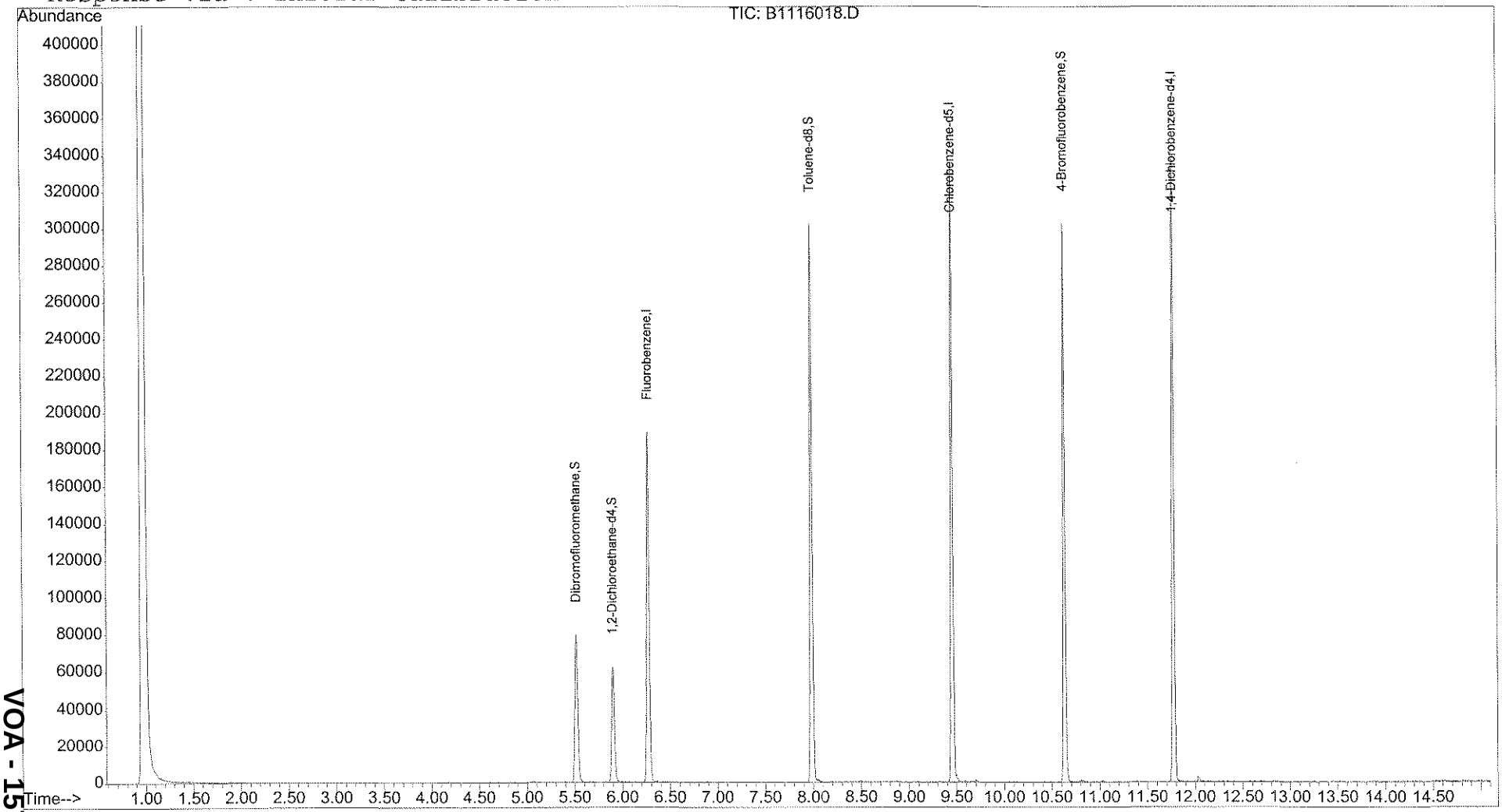
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111606\B1116018.D Vial: 26
Acq On : 16 Nov 2006 19:19 Operator: LH
Sample : JPL23-021 MV-18-1 Inst : Buddha
Misc : 25ML +IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 15:03 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 - 157

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111606\B1116018.D Vial: 26
Acq On : 16 Nov 2006 19:19 Operator: LH
Sample : JPL23-021 MV-18-1 Inst : Buddha
Misc : 25ML +IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 15:03 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	156297	10.00 ug/l	0.00 50.25%
51) Chlorobenzene-d5	9.45	82	86046	10.00 ug/l	0.00 53.76%
71) 1,4-Dichlorobenzene-d4	11.77	152	85688	10.00 ug/l	0.00 44.48%
System Monitoring Compounds					
32) Dibromofluoromethane	5.52	111	49730	11.31 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.90	65	56082	12.46 ug/l	0.00
52) Toluene-d8	7.98	98	174647	10.34 ug/l	0.00
72) 4-Bromofluorobenzene	10.63	95	72776	11.91 ug/l	0.00
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.00	85	0	N.D.	
3) Chloromethane	0.00	50	0	N.D.	
4) Vinyl Chloride	0.00	62	0	N.D.	
5) Bromomethane	0.00	96	0	N.D.	
6) Chloroethane	0.00	64	0	N.D.	
7) Trichlorofluoromethane	0.00	101	0	N.D.	
8) 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	87	~~Below Cal 4~~	38
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	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 11/17/06

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111606\B1116018.D Vial: 26
Acq On : 16 Nov 2006 19:19 Operator: LH
Sample : JPL23-021 MV-18-1 Inst : Buddha
Misc : 25ML +IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 15:03 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.	
29) Bromochloromethane	0.00	128	0	N.D.	
30) Methacrylonitrile	0.00	41	0	N.D.	
31) Chloroform	5.30	83	33	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	5.68	117	43	N.D.	
36) Isobutanol	0.00	43	0	N.D. d	
37) 1,1-Dichloropropene	0.00	75	0	N.D.	
39) Benzene	5.85	78	38	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	7.05	63	33	Below Cal #	45
44) Dibromomethane	0.00	93	0	N.D.	
45) Methyl methacrylate	7.05	41	34	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	7.29	83	40	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	228	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	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	8.87	129	32	N.D.	
61) 1,2-Dibromoethane	0.00	107	0	N.D.	
62) Chlorobenzene	9.58	112	42	N.D.	
63) 1-Chlorohexane	9.59	91	186	N.D.	
64) Ethylbenzene	9.59	91	186	N.D.	
65) 1,1,1,2-Tetrachloroethane	9.71	131	31	N.D.	
66) m,p-Xylene	9.69	106	204	N.D.	
67) o-xylene	10.09	106	34	N.D.	
68) Styrene	10.03	104	35	N.D.	
69) Bromoform	10.51	173	30	N.D.	
70) Isopropylbenzene	10.62	105	42	N.D.	
73) 1,1,2,2-Tetrachloroethane	10.63	83	45	N.D.	

LH 11/17/06

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\BUDDHA\111606\B1116018.D Vial: 26
Acq On : 16 Nov 2006 19:19 Operator: LH
Sample : JPL23-021 MV-18-1 Inst : Buddha
Misc : 25ML +IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 17 15:03 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	10.37	53	35	N.D.		
76)	Bromobenzene	10.64	156	34	N.D.		
77)	1,2,3-Trichloropropane	10.64	110	74	N.D.		
78)	2-Chlorotoluene	10.95	91	30	N.D.		
79)	1,3,5-Trimethylbenzene	11.05	105	39	N.D.		
80)	4-Chlorotoluene	11.04	91	35	N.D.		
81)	tert-Butylbenzene	0.00	119	0	N.D.		
82)	1,2,4-Trimethylbenzene	11.41	105	32	N.D.		
83)	sec-butylbenzene	11.41	105	32	N.D.		
84)	4-Isopropyltoluene	11.77	119	68	N.D.		
85)	1,3-Dichlorobenzene	0.00	111	0	N.D.	d	
86)	1,4-Dichlorobenzene	11.80	146	37	N.D.		
87)	n-Butylbenzene	12.13	91	38	N.D.		
88)	1,2-Dichlorobenzene	0.00	146	0	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.		
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.

EB-14-11/14/06

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012826

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-022

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121015.D

Level: (LOW/MED) Date Collected: 11/14/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 15:46

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-14-11/14/06

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012826

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-022

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121015.D

Level: (LOW/MED) _____ Date Collected: 11/14/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/21/2006 15:46

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-14-11/14/06

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012826

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-022

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121015.D

Level: (LOW/MED) _____ Date Collected: 11/14/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/21/2006 15:46

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

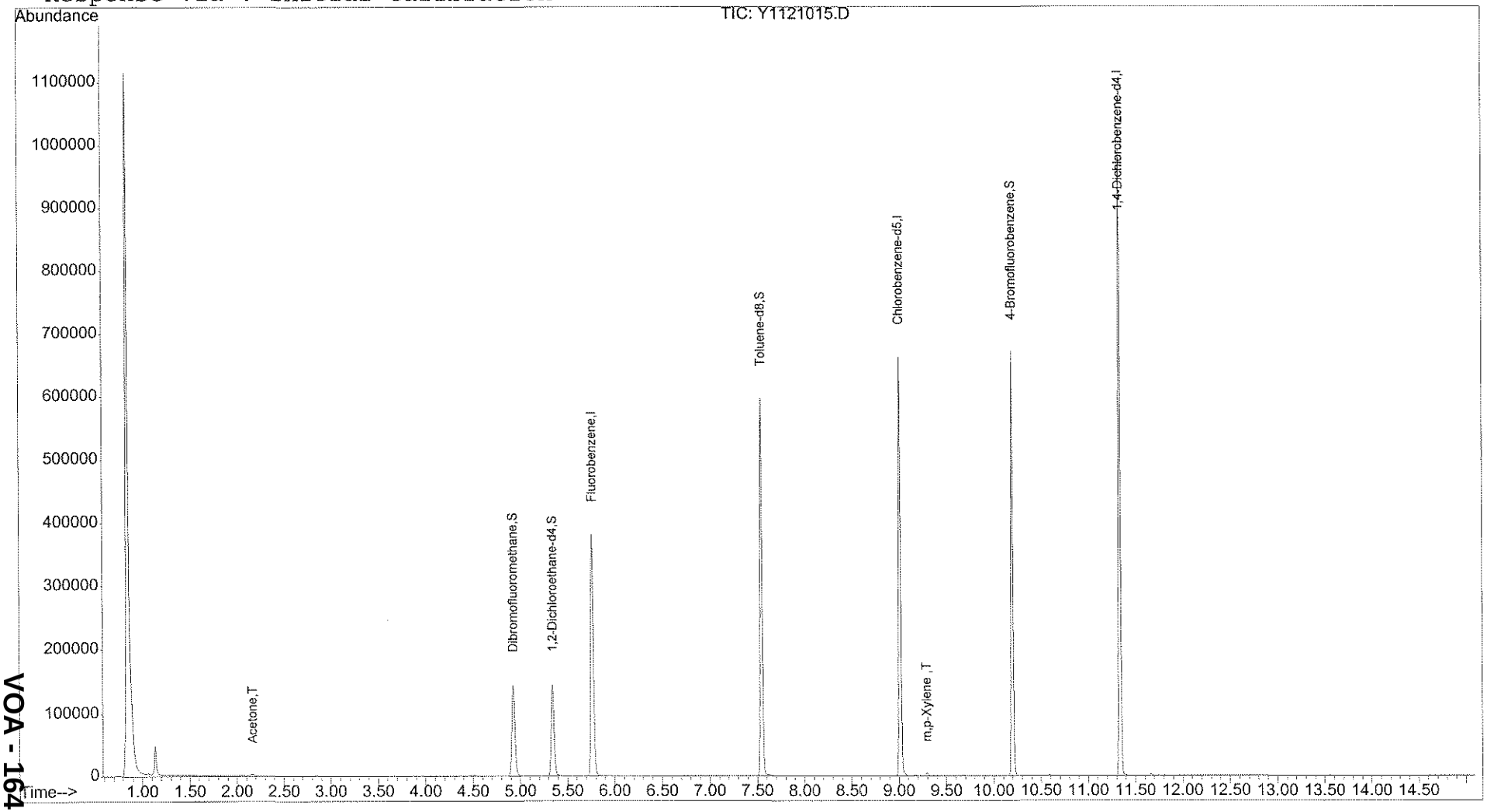
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121015.D Vial: 27
Acq On : 21 Nov 2006 15:46 Operator: LH
Sample : JPL23-022 EB-14-11/14/06 Inst : yoda
Misc : 5mL+IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 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



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Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121015.D Vial: 27
Acq On : 21 Nov 2006 15:46 Operator: LH
Sample : JPL23-022 EB-14-11/14/06 Inst : yoda
Misc : 5mL+IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 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	365184	50.00 ug/l	0.00 92.75%
50) Chlorobenzene-d5	9.01	82	177254	50.00 ug/l	0.00 107.47%
70) 1,4-Dichlorobenzene-d4	11.34	152	225331	50.00 ug/l	0.00 92.50%
System Monitoring Compounds					
32) Dibromofluoromethane	4.93	111	104694	48.30 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	109231	56.55 ug/l	0.00
51) Toluene-d8	7.55	98	352455	49.12 ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	179256	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.	
11) Acetone	2.16	43	5596	~~8.58 ug/l~~ #	85
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	2.53	84	237	~~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	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

Lit 11/22/06

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121015.D Vial: 27
Acq On : 21 Nov 2006 15:46 Operator: LH
Sample : JPL23-022 EB-14-11/14/06 Inst : yoda
Misc : 5mL+IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 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	4.37	43	814	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	5.38	78	54	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	1597	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	0.00	91	0	N.D.	d	
63)	Ethylbenzene	9.17	91	821	N.D.		
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.		
65)	m,p-Xylene	9.29	106	1416	0.34 ug/l		99
66)	o-xylene	9.69	106	380	N.D.		
67)	Styrene	0.00	104	0	N.D.		
68)	Bromoform	0.00	173	0	N.D.		
69)	Isopropylbenzene	10.20	105	129	N.D.		
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.		
73)	n-Propylbenzene	0.00	120	0	N.D.		

1st 1/22/06

(#) = qualifier out of range (m) = manual integration

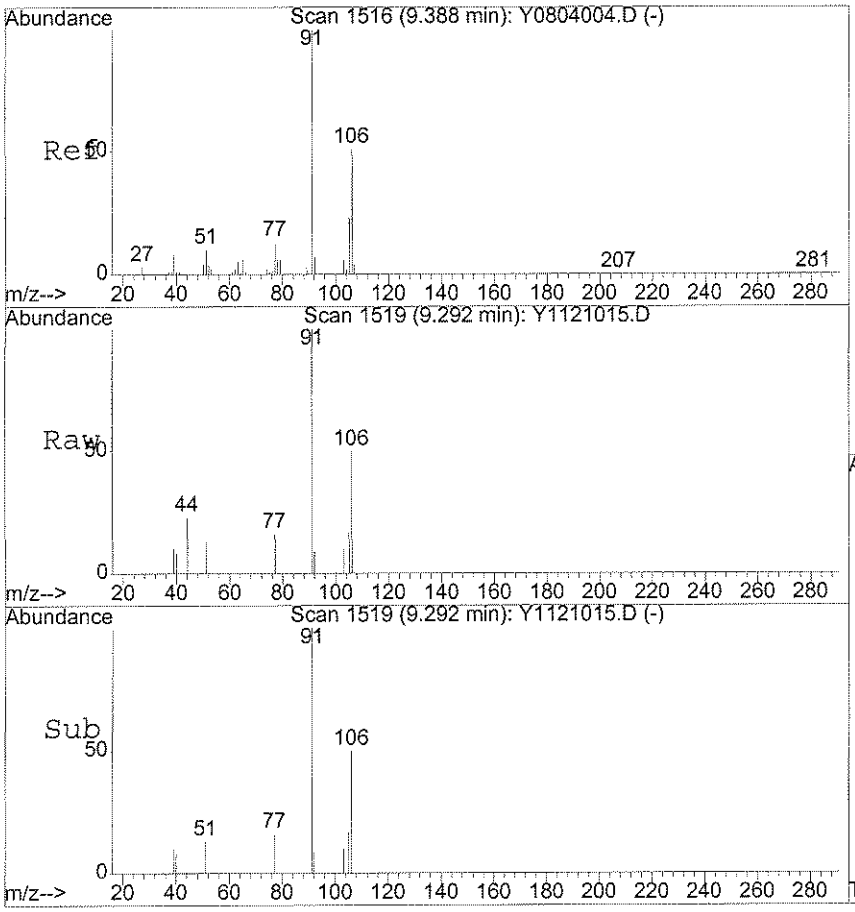
Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121015.D Vial: 27
Acq On : 21 Nov 2006 15:46 Operator: LH
Sample : JPL23-022 EB-14-11/14/06 Inst : yoda
Misc : 5mL+IS/SS #4 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 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
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	136	N.D.	
78)	1,3,5-Trimethylbenzene	10.66	105	70	N.D.	
79)	4-Chlorotoluene	10.64	91	58	N.D.	
80)	tert-Butylbenzene	0.00	119	0	N.D.	
81)	1,2,4-Trimethylbenzene	11.01	105	72	N.D.	
82)	sec-butylbenzene	11.18	105	59	N.D.	
83)	4-Isopropyltoluene	11.34	119	200	N.D.	
84)	1,3-Dichlorobenzene	11.35	146	55	N.D.	
85)	1,4-Dichlorobenzene	11.35	146	55	N.D.	
86)	n-Butylbenzene	11.74	91	224	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	442	N.D.	
92)	1,2,3-Trichlorobenzene	0.00	180	0	N.D.	

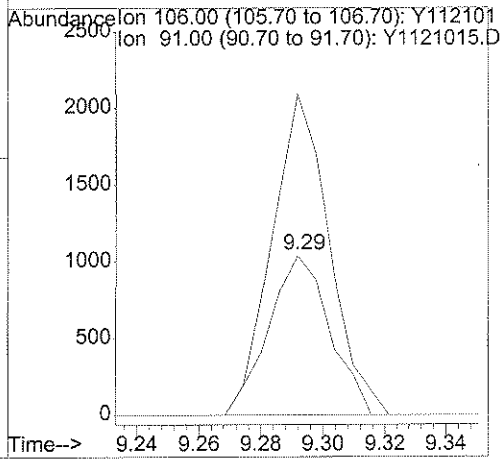
(#) = qualifier out of range (m) = manual integration



#65
m,p-Xylene
Concen: 0.34 ug/l
RT: 9.29 min Scan# 1519
Delta R.T. 0.00 min
Lab File: Y1121015.D
Acq: 21 Nov 2006 15:46

Tgt Ion:106 Resp: 1416

Ion	Ratio	Lower	Upper
106	100		
91	188.7	169.6	209.6



1

VOLATILE ORGANICS ANALYSIS DATA SHEET

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/SED/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: 11/14/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 13:44

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-14-11/14/06

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012826

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-023

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121010.D

Level: (LOW/MED) Date Collected: 11/14/2006

% Moisture: not dec. Date/Time Analyzed: 11/21/2006 13:44

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1

VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-14-11/14/06

Lab Name: Laucks Testing Laboratories, Inc. Contract: JPL Groundwater Monitorin

SDG No.: JPL23 Run Sequence: R012826

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL23-023

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1121010.D

Level: (LOW/MED) _____ Date Collected: 11/14/2006

% Moisture: not dec. _____ Date/Time Analyzed: 11/21/2006 13:44

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

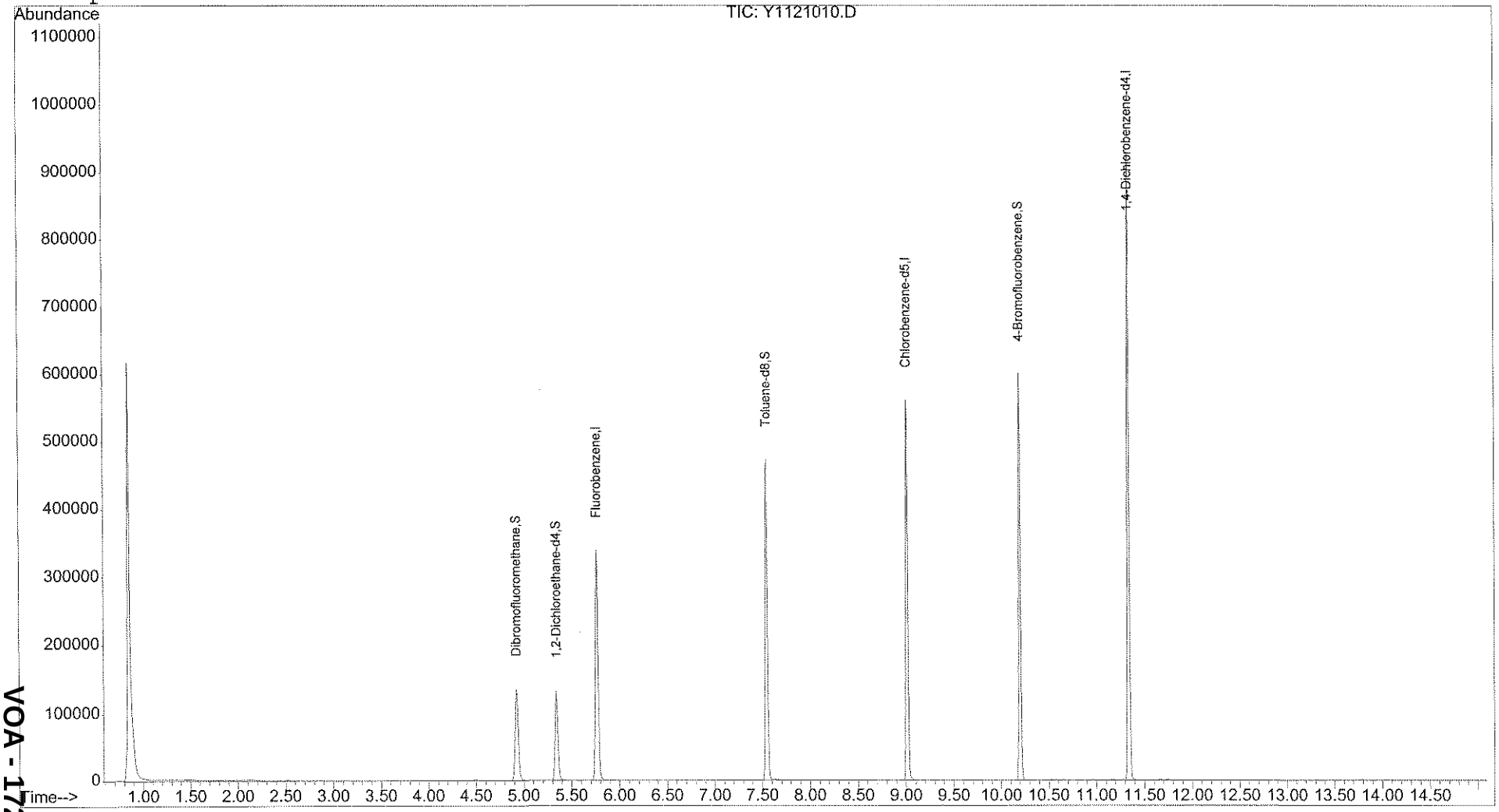
CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121010.D Vial: 22
Acq On : 21 Nov 2006 13:44 Operator: LH
Sample : JPL23-023 TB-14-11/14/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 16:22 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



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Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121010.D Vial: 22
Acq On : 21 Nov 2006 13:44 Operator: LH
Sample : JPL23-023 TB-14-11/14/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 16:22 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	5.77	96	316406	50.00 ug/l	0.00 80.36%
50) Chlorobenzene-d5	9.01	82	149545	50.00 ug/l	0.00 90.67%
70) 1,4-Dichlorobenzene-d4	11.34	152	217213	50.00 ug/l	0.00 89.17%
System Monitoring Compounds					
32) Dibromofluoromethane	4.93	111	98932	52.68 ug/l	0.00
38) 1,2-Dichloroethane-d4	5.34	65	97002	57.96 ug/l	0.00
51) Toluene-d8	7.55	98	285544	47.16 ug/l	0.00
71) 4-Bromofluorobenzene	10.20	95	162086	52.56 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	208	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	551	~~Below Cal~~ #	87
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\Y1121010.D Vial: 22
Acq On : 21 Nov 2006 13:44 Operator: LH
Sample : JPL23-023 TB-14-11/14/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 16:22 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	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	7.54	43	1262	~~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	145	N.D.	
63)	Ethylbenzene	9.17	91	145	N.D.	
64)	1,1,1,2-Tetrachloroethane	0.00	131	0	N.D.	
65)	m,p-Xylene	9.30	106	129	N.D.	
66)	o-xylene	0.00	106	0	N.D.	
67)	Styrene	0.00	104	0	N.D.	
68)	Bromoform	0.00	173	0	N.D.	
69)	Isopropylbenzene	10.06	105	270	N.D.	
72)	1,1,2,2-Tetrachloroethane	0.00	83	0	N.D.	
73)	n-Propylbenzene	10.65	120	59	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : X:\MSVOA\YODA\112106\Y1121010.D Vial: 22
Acq On : 21 Nov 2006 13:44 Operator: LH
Sample : JPL23-023 TB-14-11/14/06 Inst : yoda
Misc : 5mL+IS/SS #2 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Nov 22 16:22 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	223	N.D.	
78)	1,3,5-Trimethylbenzene	10.65	105	363	N.D.	
79)	4-Chlorotoluene	10.64	91	414	N.D.	
80)	tert-Butylbenzene	10.97	119	244	N.D.	
81)	1,2,4-Trimethylbenzene	11.02	105	334	N.D.	
82)	sec-butylbenzene	11.18	105	701	N.D.	
83)	4-Isopropyltoluene	11.34	119	668	N.D.	
84)	1,3-Dichlorobenzene	11.27	146	214	N.D.	
85)	1,4-Dichlorobenzene	11.36	146	368	N.D.	
86)	n-Butylbenzene	11.74	91	842	N.D.	
87)	1,2-Dichlorobenzene	11.72	146	195	N.D.	
88)	1,2-Dibromo-3-chloropropan	0.00	157	0	N.D.	
89)	1,2,4-Trichlorobenzene	13.32	180	424	N.D.	
90)	Hexachlorobutadiene	13.50	225	259	N.D.	
91)	Naphthalene	13.55	128	506	N.D.	
92)	1,2,3-Trichlorobenzene	13.79	180	427	N.D.	

(#) = qualifier out of range (m) = manual integration

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
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