

APL

Aqua Pro-Tech Laboratories
Certified Environmental Testing

**Analytical Results
GC/MS SEMI-VOLATILES**

TERMS ENVIRONMENTAL
Berkeley Heights, NJ

Project: Vet Park

Reviewed By: 

Brian Wood, Laboratory Director

19-Jul-2011
Date

1275 Bloomfield Ave., Bldg. 6, Fairfield, New Jersey, 07004
(t)973.227.0422 (f)973.227.2813 (w)www.aquaprotechlabs.com
NELAC National Environmental Laboratory Accreditation Conference
NJDEP #07010/NYDOH #11634
CTPHB #0233/US ARMY

Aqua Pro-Tech Laboratories
Sample Location and Identification
GC/MS SEMI-VOLATILES

Client Sample Number	Aqua Pro-Tech Sample Number	Matrix
S1	11070359-001	Soil
S2	11070359-002	Soil
S3	11070359-003	Soil
S4	11070359-004	Soil
S5	11070359-005	Soil
S6	11070359-006	Soil

Aqua Pro-Tech Laboratories
Laboratory Chronicle
GC/MS SEMI-VOLATILES

	Date Performed	Performed By
Receipt/Refrigeration:	7/11/11	KPONSI

Analysis	Date Extracted	Extracted By	Date Analyzed	Analyzed By
11070359-001	07/14/2011	AUGUST	07/14/2011	S. Pradhan
11070359-002	07/14/2011	AUGUST	07/14/2011	S. Pradhan
11070359-003	07/14/2011	AUGUST	07/14/2011	S. Pradhan
11070359-004	07/14/2011	AUGUST	07/14/2011	S. Pradhan
11070359-005	07/14/2011	AUGUST	07/14/2011	S. Pradhan
11070359-006	07/14/2011	AUGUST	07/14/2011	S. Pradhan

Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

S1

Sample Weight 15.0 Grams

Lab Sample ID: 11070359-001

% Moisture: 3.7%

Lab File ID: 2S8681.D

Extract Volume: 1 mL

Date Collected: 11-Jul-11

Date Extracted: 14-Jul-11

Date Analyzed: 14-Jul-11

Dilution Factor: 2

CAS No.	Compound	Conc ug/kg	Q	MDL	PQL
110-86-1	Pyridine		U	397	692
62-75-9	n-Nitroso-dimethylamine		U	623	692
100-52-7	Benzaldehyde		U	206	692
62-53-3	Aniline		U	30.5	692
111-44-4	bis(2-Chloroethyl)ether		U	42.9	692
541-73-1	1,3-Dichlorobenzene		U	41.5	692
106-46-7	1,4-Dichlorobenzene		U	52.6	692
100-51-6	Benzyl Alcohol		U	960	692
95-50-1	1,2-Dichlorobenzene		U	31.8	692
108-60-1	bis(2-Chloroisopropyl)ether		U	34.6	692
98-86-2	Acetophenone		U	183	692
621-64-7	n-Nitroso-di-n-propylamine		U	60.9	692
67-72-1	Hexachloroethane		U	38.8	692
98-95-3	Nitrobenzene		U	27.7	692
78-59-1	Isophorone		U	29.1	692
111-91-1	bis(2-Chloroethoxy)methane		U	47.1	692
120-82-1	1,2,4-Trichlorobenzene		U	48.5	692
91-20-3	Naphthalene		U	30.5	692
106-47-8	4-Chloroaniline		U	41.5	692
87-68-3	Hexachlorobutadiene		U	40.2	692
105-60-2	Caprolactam		U	126	692
91-57-6	2-Methylnaphthalene		U	36.0	692
77-47-4	Hexachlorocyclopentadiene		U	568	1380
92-52-4	Biphenyl		U	136	692
91-58-7	2-Chloronaphthalene		U	27.7	692
88-74-4	2-Nitroaniline		U	15.2	692
131-11-3	Dimethylphthalate		U	40.2	692
208-96-8	Acenaphthylene	308	D	22.2	692
606-20-2	2,6-Dinitrotoluene		U	58.2	692
99-09-2	3-Nitroaniline		U	676	692
83-32-9	Acenaphthene		U	27.7	692
132-64-9	Dibenzofuran		U	30.5	692
121-14-2	2,4-Dinitrotoluene		U	54.0	692
86-73-7	Fluorene	111	D	20.8	692
84-66-2	Diethylphthalate		U	1500	692
7005-72-3	4-Chlorophenyl phenyl ether		U	37.4	692
100-01-6	4-Nitroaniline		U	379	692
86-30-6	n-Nitrosodiphenylamine		U	30.5	692
103-33-3	1,2-Diphenylhydrazine		U	23.5	692

Qualifiers : U=Undetected, J=Estimated, B=Also Detected in Blank,
E=Exceeded Calibration - Dilution Required, D=Result of Dilution

Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

S1

Sample Weight: 15.0 Grams
% Moisture: 3.7%
Extract Volume: 1 mL

Lab Sample ID: 11070359-001
Lab File ID: 2S8681.D
Date Collected: 11-Jul-11
Date Extracted: 14-Jul-11
Date Analyzed: 14-Jul-11
Dilution Factor: 2

CAS No.	Compound	Conc ug/kg	Q	MDL	PQL
101-55-3	4-Bromophenyl-phenyl ether		U	44.3	692
118-74-1	Hexachlorobenzene		U	62.3	692
1912-24-9	Atrazine		U	114	692
85-01-8	Phenanthrene	748	D	11.1	692
120-12-7	Anthracene	374	D	19.4	692
86-74-8	Carbazole		U	42.9	692
84-74-2	Di-n-butylphthalate		U	66.5	692
206-44-0	Fluoranthene	1960	D	34.6	692
92-87-5	Benzidine		U	649	692
129-00-0	Pyrene	1840	D	19.4	692
85-68-7	Butylbenzylphthalate		U	26.3	692
56-55-3	Benzo(a)anthracene	1050	D	23.5	692
91-94-1	3,3'-Dichlorobenzidine		U	363	692
218-01-9	Chrysene	1060	D	27.7	692
117-81-7	bis(2-Ethylhexyl)phthalate	112	BDJ	474	692
117-84-0	Di-n-octylphthalate		U	42.9	692
205-99-2	Benzo(b)fluoranthene	1350	D	47.1	692
207-08-9	Benzo(k)fluoranthene	745	D	37.4	692
50-32-8	Benzo(a)pyrene	1150	D	26.3	692
193-39-5	Indeno(1,2,3-cd)pyrene	671	D	18.0	692
53-70-3	Dibenzo(a,h)anthracene		U	22.2	692
191-24-2	Benzo(g,h,i)perylene	717	D	36.0	692

Qualifiers : U=Undetected, J=Estimated, B=Also Detected in Blank,
E=Exceeded Calibration - Dilution Required, D=Result of Dilution

Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report
Tentatively Identified Compounds

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

S1

Sample Weight 15.0 Grams

Lab Sample ID: 11070359-001

% Moisture: 3.7%

Lab File ID: 2S8681.D

Date Collected: 11-Jul-11

Extract Volume: 1 mL

Date Extracted: 14-Jul-11

Date Analyzed: 14-Jul-11

Dilution Factor: 2

CAS No.	Compound	Est. Conc.	Q	RT
	unknown	581	J	21.1
192-97-2	Benzo[e]pyrene	983	JN	21.24
1560-92-5	Hexadecane, 2-methyl-	1500	JN	21.83
	unknown	943	J	22.83
	unknown	987	J	24.13

Number of TICs found: 5

Total Est. Concentration: 4994 ug/kg

Quantitation Report (QT Reviewed)

Data File : G:\HPCHEM\2\Data\07142011\2S8681.D
 Acq On : 14 Jul 2011 1:05 pm
 Sample : 11070359-001
 Misc : soil (2165-195) 1:2
 MS Integration Params: rteint.p
 Quant Time: Jul 18 11:27 2011

Vial: 9
 Operator: sdp
 Inst : GC/MS-5
 Multiplr: 1.00

56

Quant Results File: 0313ABNS.RES

Quant Method : G:\HPCHEM\2\METHODS\0313ABNS.M (RTE Integrator)

Title : BNA Extractables GC/MS 8270C
 Last Update : Thu Jul 14 10:27:58 2011
 Response via : Initial Calibration
 DataAcq Meth : RUN8270

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	40904	40.00	ug/kg	0.00
21) Naphthalene-d8	8.41	136	168100	40.00	ug/kg	0.00
38) Acenaphthene-d10	11.99	164	163795	40.00	ug/kg	-0.01
61) Phenanthrene-d10	15.03	188	366416	40.00	ug/kg	0.00
75) Chrysene-d12	19.81	240	432014	40.00	ug/kg	0.02
84) Perylene-d12	21.36	264	481148	40.00	ug/kg	0.08

System Monitoring Compounds

4) 2-Fluorophenol	3.45	112	27418m	31.32	ug/kg	0.05
Spiked Amount 100.000	Range 52 - 97		Recovery =	31.32%#		
7) Phenol-d6	5.71	99	49188m	30.61	ug/kg	0.08
Spiked Amount 100.000	Range 53 - 100		Recovery =	30.61%#		
22) Nitrobenzene-d5	7.09	82	22494m	13.10	ug/kg	0.04
Spiked Amount 50.000	Range 48 - 101		Recovery =	26.20%#		
43) 2-Fluorobiphenyl	10.72	172	89444	17.05	ug/kg	0.00
Spiked Amount 50.000	Range 51 - 97		Recovery =	34.10%#		
65) 2,4,6-Tribromophenol	13.71	330	36352	36.96	ug/kg	0.01
Spiked Amount 100.000	Range 18 - 131		Recovery =	36.96%		
78) p-Terphenyl-d14	18.40	244	158820	18.48	ug/kg	0.00
Spiked Amount 50.000	Range 27 - 112		Recovery =	36.96%		

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
48) Acenaphthylene	11.70	152	16222	2.22	ug/kg	86
57) Fluorene	13.18	166	4652	0.80	ug/kg	97
70) Phenanthrene	15.08	178	58663	5.40	ug/kg	97
71) Anthracene	15.20	178	30016	2.70	ug/kg	97
74) Fluoranthene	17.54	202	180381	14.13	ug/kg	92
77) Pyrene	17.98	202	187615	13.30	ug/kg	90
80) Benzo(a)anthracene	19.80	228	104563	7.57	ug/kg	86
82) Chrysene	19.83	228	104186	7.63	ug/kg	94
83) bis(2-Ethylhexyl)phthalate	19.92	149	12622	0.81	ug/kg	93
86) Benzo(b)fluoranthene	20.97	252	144383m	9.75	ug/kg	
87) Benzo(k)fluoranthene	20.98	252	59670m	5.38	ug/kg	
88) Benzo(a)pyrene	21.30	252	111627	8.33	ug/kg	90
89) Indeno(1,2,3-cd)pyrene	22.77	276	83228	4.84	ug/kg	94
91) Benzo(g,h,i)perylene	23.19	276	79843	5.18	ug/kg	93

(#) = qualifier out of range (m) = manual integration
 2S8681.D 0313ABNS.M Mon Jul 18 11:39:22 2011

Quantitation Report

Data File : G:\HPChem\2\Data\07142011\2S8681.D
Acq On : 14 Jul 2011 1:05 pm
Sample : 11070359-001
Misc : soil (2165-195) 1:2
MS Integration Params: rteint.p
Quant Time: Jul 18 11:27 2011

Vial: 9
Operator: sdp
Inst : GC/MS-5
Multiplr: 1.00

57

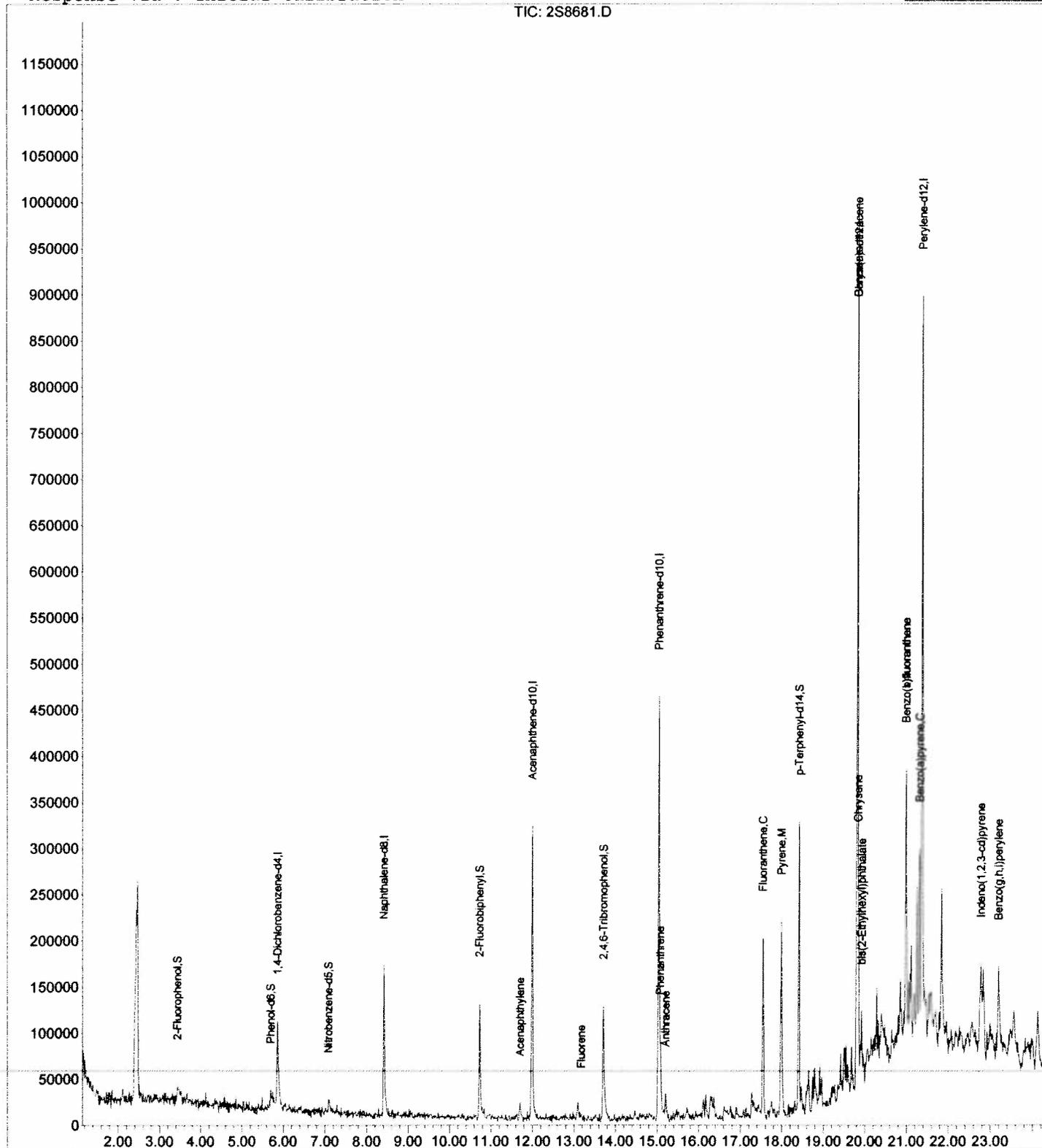
Quant Results File: 0313ABNS.RES

Method : G:\HPChem\2\Methods\0313ABNS.M (RTE Integrator)
Title : BNA Extractables GC/MS 8270C
Last Update : Thu Jul 14 10:27:58 2011
Response via : Initial Calibration

Approved:
18-Jul-2011 11:39



TIC: 2S8681.D



Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report

58

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

S2

Sample Weight	15.0 Grams	Lab Sample ID:	11070359-002
% Moisture:	7.0%	Lab File ID:	2S8682.D
Extract Volume:	1 mL	Date Collected:	11-Jul-11
		Date Extracted:	14-Jul-11
		Date Analyzed:	14-Jul-11
		Dilution Factor:	2

CAS No.	Compound	Conc ug/kg	Q	MDL	PQL
110-86-1	Pyridine		U	411	717
62-75-9	n-Nitroso-dimethylamine		U	645	717
100-52-7	Benzaldehyde		U	214	717
62-53-3	Aniline		U	31.5	717
111-44-4	bis(2-Chloroethyl)ether		U	44.4	717
541-73-1	1,3-Dichlorobenzene		U	43.0	717
106-46-7	1,4-Dichlorobenzene		U	54.5	717
100-51-6	Benzyl Alcohol		U	994	717
95-50-1	1,2-Dichlorobenzene		U	33.0	717
108-60-1	bis(2-Chloroisopropyl)ether		U	35.8	717
98-86-2	Acetophenone		U	189	717
621-64-7	n-Nitroso-di-n-propylamine		U	63.1	717
67-72-1	Hexachloroethane		U	40.1	717
98-95-3	Nitrobenzene		U	28.7	717
78-59-1	Isophorone		U	30.1	717
111-91-1	bis(2-Chloroethoxy)methane		U	48.7	717
120-82-1	1,2,4-Trichlorobenzene		U	50.2	717
91-20-3	Naphthalene		U	31.5	717
106-47-8	4-Chloroaniline		U	43.0	717
87-68-3	Hexachlorobutadiene		U	41.6	717
105-60-2	Caprolactam		U	130	717
91-57-6	2-Methylnaphthalene		U	37.3	717
77-47-4	Hexachlorocyclopentadiene		U	588	1430
92-52-4	Biphenyl		U	141	717
91-58-7	2-Chloronaphthalene		U	28.7	717
88-74-4	2-Nitroaniline		U	15.8	717
131-11-3	Dimethylphthalate		U	41.6	717
208-96-8	Acenaphthylene	245	D	22.9	717
606-20-2	2,6-Dinitrotoluene		U	60.2	717
99-09-2	3-Nitroaniline		U	700	717
83-32-9	Acenaphthene	224	D	28.7	717
132-64-9	Dibenzofuran		U	31.5	717
121-14-2	2,4-Dinitrotoluene		U	55.9	717
86-73-7	Fluorene	229	D	21.5	717
84-66-2	Diethylphthalate		U	1550	717
7005-72-3	4-Chlorophenyl phenyl ether		U	38.7	717
100-01-6	4-Nitroaniline		U	393	717
86-30-6	n-Nitrosodiphenylamine		U	31.5	717
103-33-3	1,2-Diphenylhydrazine		U	24.4	717

Qualifiers : U=Undetected, J=Estimated, B=Also Detected in Blank,
E=Exceeded Calibration - Dilution Required, D=Result of Dilution

Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report

59

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

S2

Sample Weight 15.0 Grams

Lab Sample ID: 11070359-002

% Moisture: 7.0%

Lab File ID: 2S8682.D

Extract Volume: 1 mL

Date Collected: 11-Jul-11

Date Extracted: 14-Jul-11

Date Analyzed: 14-Jul-11

Dilution Factor: 2

CAS No.	Compound	Conc ug/kg	Q	MDL	PQL
101-55-3	4-Bromophenyl-phenyl ether		U	45.9	717
118-74-1	Hexachlorobenzene		U	64.5	717
1912-24-9	Atrazine		U	118	717
85-01-8	Phenanthrene	1180	D	11.5	717
120-12-7	Anthracene	432	D	20.1	717
86-74-8	Carbazole	193	D	44.4	717
84-74-2	Di-n-butylphthalate		U	68.8	717
206-44-0	Fluoranthene	2480	D	35.8	717
92-87-5	Benzidine		U	672	717
129-00-0	Pyrene	2190	D	20.1	717
85-68-7	Butylbenzylphthalate	97.3	D	27.2	717
56-55-3	Benzo(a)anthracene	1450	D	24.4	717
91-94-1	3,3'-Dichlorobenzidine		U	376	717
218-01-9	Chrysene	1320	D	28.7	717
117-81-7	bis(2-Ethylhexyl)phthalate	148	BDJ	490	717
117-84-0	Di-n-octylphthalate		U	44.4	717
205-99-2	Benzo(b)fluoranthene	1850	D	48.7	717
207-08-9	Benzo(k)fluoranthene	885	D	38.7	717
50-32-8	Benzo(a)pyrene	1450	D	27.2	717
193-39-5	Indeno(1,2,3-cd)pyrene	823	D	18.6	717
53-70-3	Dibenzo(a,h)anthracene		U	22.9	717
191-24-2	Benzo(g,h,i)perylene	876	D	37.3	717

Qualifiers : U=Undetected, J=Estimated, B=Also Detected in Blank,
E=Exceeded Calibration - Dilution Required, D=Result of Dilution

Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report
Tentatively Identified Compounds

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

S2

Sample Weight 15.0 Grams

Lab Sample ID: 11070359-002

% Moisture: 7.0%

Lab File ID: 2S8682.D

Date Collected: 11-Jul-11

Extract Volume: 1 mL

Date Extracted: 14-Jul-11

Date Analyzed: 14-Jul-11

Dilution Factor: 2

CAS No.	Compound	Est. Conc.	Q	RT
	unknown	606	J	16.29
	unknown	813	J	20.83
13287-24-6	Nonadecane, 9-methyl-	930	JN	21.09
192-97-2	Benzo[e]pyrene	1170	JN	21.23
	unknown	1080	J	21.42
55045-13-1	Tetradecane, 6,9-dimethyl-	2500	JN	21.82
	unknown	2050	J	24.11

Number of TICs found: 7

Total Est. Concentration: 9149 ug/kg

Data File : G:\HPChem\2\Data\07142011\2S8682.D
 Acq On : 14 Jul 2011 1:39 pm
 Sample : 11070359-002
 Misc : soil (2165-195) 1:2
 MS Integration Params: rteint.p
 Quant Time: Jul 18 11:27 2011

Vial: 10
 Operator: sdp
 Inst : GC/MS-5
 Multiplr: 1.00

61

Quant Results File: 0313ABNS.RES

Quant Method : G:\HPCHEM\2\METHODS\0313ABNS.M (RTE Integrator)
 Title : BNA Extractables GC/MS 8270C
 Last Update : Thu Jul 14 10:27:58 2011
 Response via : Initial Calibration
 DataAcq Meth : RUN8270

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	44478	40.00	ug/kg	0.00
21) Naphthalene-d8	8.41	136	178660	40.00	ug/kg	0.00
38) Acenaphthene-d10	11.99	164	169540	40.00	ug/kg	-0.01
61) Phenanthrene-d10	15.03	188	387181	40.00	ug/kg	-0.01
75) Chrysene-d12	19.80	240	430881	40.00	ug/kg	0.02
84) Perylene-d12	21.35	264	478811	40.00	ug/kg	0.07

System Monitoring Compounds

4) 2-Fluorophenol	3.48	112	25568m	26.86	ug/kg	0.08
Spiked Amount 100.000	Range 52 - 97		Recovery =	26.86%#		
7) Phenol-d6	5.70	99	49652m	28.41	ug/kg	0.06
Spiked Amount 100.000	Range 53 - 100		Recovery =	28.41%#		
22) Nitrobenzene-d5	7.10	82	25116m	13.76	ug/kg	0.04
Spiked Amount 50.000	Range 48 - 101		Recovery =	27.52%#		
43) 2-Fluorobiphenyl	10.72	172	97182	17.89	ug/kg	0.00
Spiked Amount 50.000	Range 51 - 97		Recovery =	35.78%#		
65) 2,4,6-Tribromophenol	13.70	330	43407	41.76	ug/kg	0.00
Spiked Amount 100.000	Range 18 - 131		Recovery =	41.76%		
78) p-Terphenyl-d14	18.41	244	164793	19.23	ug/kg	0.00
Spiked Amount 50.000	Range 27 - 112		Recovery =	38.46%		

Target Compounds

						Qvalue
48) Acenaphthylene	11.71	152	12895	1.71	ug/kg	85
51) Acenaphthene	12.05	153	8435	1.56	ug/kg	85
57) Fluorene	13.16	166	9569	1.59	ug/kg#	89
70) Phenanthrene	15.08	178	94484	8.23	ug/kg	96
71) Anthracene	15.20	178	35461	3.02	ug/kg	86
72) Carbazole	15.69	167	15113	1.35	ug/kg#	85
74) Fluoranthene	17.54	202	233418	17.31	ug/kg	93
77) Pyrene	17.98	202	214715	15.26	ug/kg	92
79) Butylbenzylphthalate	19.19	149	7020	0.68	ug/kg	98
80) Benzo(a)anthracene	19.79	228	139352	10.12	ug/kg	87
82) Chrysene	19.83	228	125263	9.20	ug/kg	89
83) bis(2-Ethylhexyl)phthalate	19.91	149	15956	1.03	ug/kg#	88
86) Benzo(b)fluoranthene	20.97	252	190089m	12.90	ug/kg	
87) Benzo(k)fluoranthene	20.98	252	68075m	6.17	ug/kg	
88) Benzo(a)pyrene	21.29	252	135184	10.14	ug/kg	88
89) Indeno(1,2,3-cd)pyrene	22.76	276	98144	5.74	ug/kg	89
91) Benzo(g,h,i)perylene	23.19	276	93659	6.11	ug/kg	95

Quantitation Report

Data File : G:\HPChem\2\Data\07142011\2S8682.D
Acq On : 14 Jul 2011 1:39 pm
Sample : 11070359-002
Misc : soil (2165-195) 1:2
MS Integration Params: rteint.p
Quant Time: Jul 18 11:27 2011

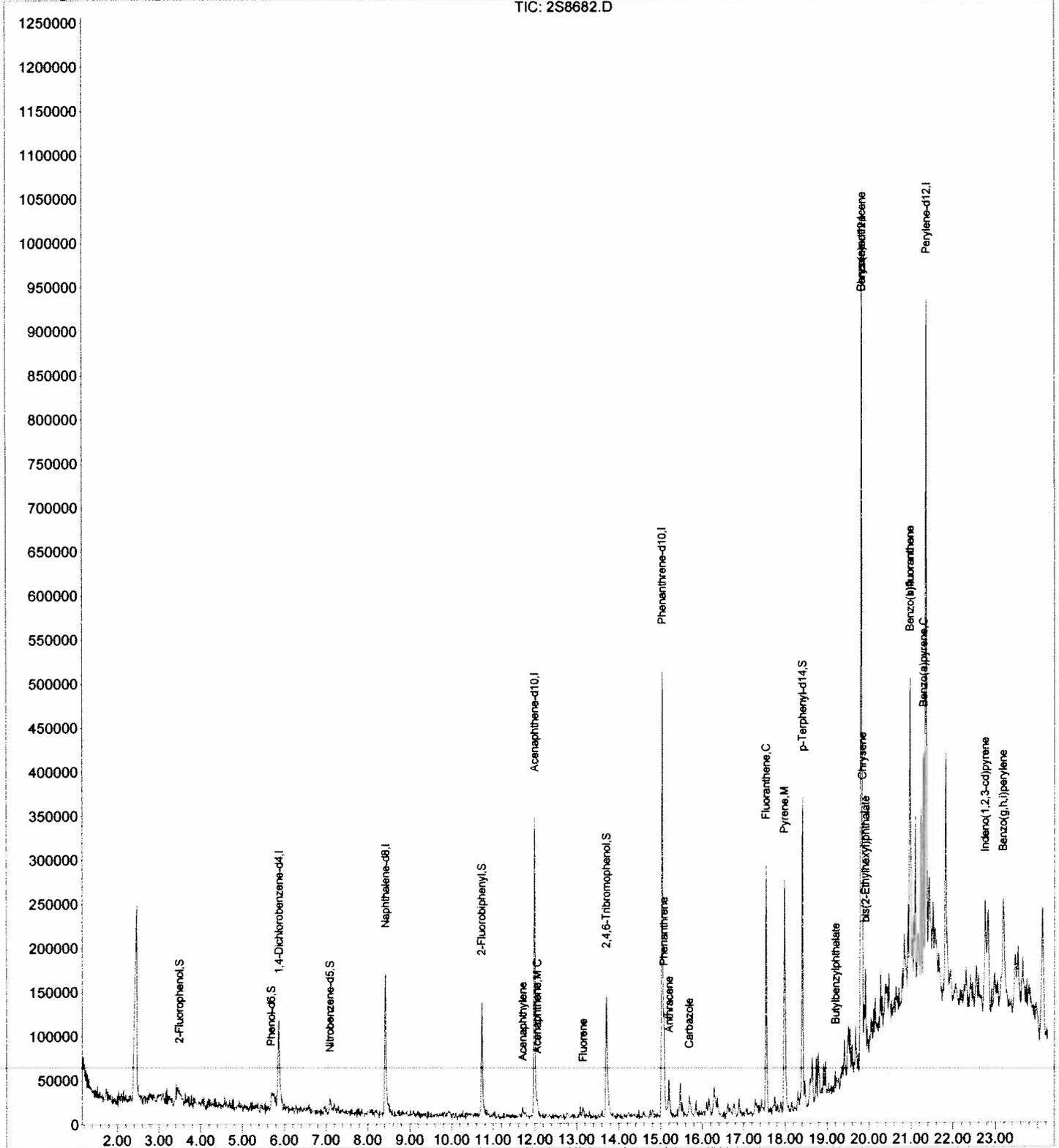
Vial: 10
Operator: sdp
Inst : GC/MS-5
Multiplr: 1.00

62

Quant Results File: 0313ABNS.RES

Method : G:\HPChem\2\Methods\0313ABNS.M (RTE Integrator)
Title : BNA Extractables GC/MS 8270C
Last Update : Thu Jul 14 10:27:58 2011
Response via : Initial Calibration

Approved:
18-Jul-2011 11:39



Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

S3

Sample Weight: 15.0 Grams
% Moisture: 1.0%
Extract Volume: 1 mL

Lab Sample ID: 11070359-003
Lab File ID: 2S8683.D
Date Collected: 11-Jul-11
Date Extracted: 14-Jul-11
Date Analyzed: 14-Jul-11
Dilution Factor: 2

CAS No.	Compound	Conc ug/kg	Q	MDL	PQL
110-86-1	Pyridine		U	387	673
62-75-9	n-Nitroso-dimethylamine		U	606	673
100-52-7	Benzaldehyde		U	201	673
62-53-3	Aniline		U	29.6	673
111-44-4	bis(2-Chloroethyl)ether		U	41.8	673
541-73-1	1,3-Dichlorobenzene		U	40.4	673
106-46-7	1,4-Dichlorobenzene		U	51.2	673
100-51-6	Benzyl Alcohol		U	933	673
95-50-1	1,2-Dichlorobenzene		U	31.0	673
108-60-1	bis(2-Chloroisopropyl)ether		U	33.7	673
98-86-2	Acetophenone		U	178	673
621-64-7	n-Nitroso-di-n-propylamine		U	59.3	673
67-72-1	Hexachloroethane		U	37.7	673
98-95-3	Nitrobenzene		U	26.9	673
78-59-1	Isophorone		U	28.3	673
111-91-1	bis(2-Chloroethoxy)methane		U	45.8	673
120-82-1	1,2,4-Trichlorobenzene		U	47.1	673
91-20-3	Naphthalene		U	29.6	673
106-47-8	4-Chloroaniline		U	40.4	673
87-68-3	Hexachlorobutadiene		U	39.1	673
105-60-2	Caprolactam		U	123	673
91-57-6	2-Methylnaphthalene		U	35.0	673
77-47-4	Hexachlorocyclopentadiene		U	552	1350
92-52-4	Biphenyl		U	132	673
91-58-7	2-Chloronaphthalene		U	26.9	673
88-74-4	2-Nitroaniline		U	14.8	673
131-11-3	Dimethylphthalate		U	39.1	673
208-96-8	Acenaphthylene	81.1	D	21.5	673
606-20-2	2,6-Dinitrotoluene		U	56.6	673
99-09-2	3-Nitroaniline		U	657	673
83-32-9	Acenaphthene		U	26.9	673
132-64-9	Dibenzofuran		U	29.6	673
121-14-2	2,4-Dinitrotoluene		U	52.5	673
86-73-7	Fluorene		U	20.2	673
84-66-2	Diethylphthalate		U	1450	673
7005-72-3	4-Chlorophenyl phenyl ether		U	36.4	673
100-01-6	4-Nitroaniline		U	369	673
86-30-6	n-Nitrosodiphenylamine		U	29.6	673
103-33-3	1,2-Diphenylhydrazine		U	22.9	673

Qualifiers : U=Undetected, J=Estimated, B=Also Detected in Blank,
E=Exceeded Calibration - Dilution Required, D=Result of Dilution

Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

S3

Sample Weight: 15.0 Grams
% Moisture: 1.0%
Extract Volume: 1 mL

Lab Sample ID: 11070359-003
Lab File ID: 2S8683.D
Date Collected: 11-Jul-11
Date Extracted: 14-Jul-11
Date Analyzed: 14-Jul-11
Dilution Factor: 2

CAS No.	Compound	Conc ug/kg	Q	MDL	PQL
101-55-3	4-Bromophenyl-phenyl ether		U	43.1	673
118-74-1	Hexachlorobenzene		U	60.6	673
1912-24-9	Atrazine		U	110	673
85-01-8	Phenanthrene	240	D	10.8	673
120-12-7	Anthracene	119	D	18.9	673
86-74-8	Carbazole		U	41.8	673
84-74-2	Di-n-butylphthalate		U	64.6	673
206-44-0	Fluoranthene	575	D	33.7	673
92-87-5	Benzidine		U	632	673
129-00-0	Pyrene	467	D	18.9	673
85-68-7	Butylbenzylphthalate		U	25.6	673
56-55-3	Benzo(a)anthracene	335	D	22.9	673
91-94-1	3,3'-Dichlorobenzidine		U	353	673
218-01-9	Chrysene	311	D	26.9	673
117-81-7	bis(2-Ethylhexyl)phthalate	67.9	BDJ	461	673
117-84-0	Di-n-octylphthalate		U	41.8	673
205-99-2	Benzo(b)fluoranthene	508	D	45.8	673
207-08-9	Benzo(k)fluoranthene	241	D	36.4	673
50-32-8	Benzo(a)pyrene	435	D	25.6	673
193-39-5	Indeno(1,2,3-cd)pyrene	250	D	17.5	673
53-70-3	Dibenzo(a,h)anthracene		U	21.5	673
191-24-2	Benzo(g,h,i)perylene	248	D	35.0	673

Qualifiers : U=Undetected, J=Estimated, B=Also Detected in Blank,
E=Exceeded Calibration - Dilution Required, D=Result of Dilution

Aqua Pro-Tech Laboratories
 EPA Method 8270 C Analytical Report
 Tentatively Identified Compounds

Client: TERMS ENVIRONMENTAL
 Project: Vet Park
 Matrix: Soil

Client Sample:

S3

Sample Weight 15.0 Grams

Lab Sample ID: 11070359-003

% Moisture: 1.0%

Lab File ID: 2S8683.D

Extract Volume: 1 mL

Date Collected: 11-Jul-11

Date Extracted: 14-Jul-11

Date Analyzed: 14-Jul-11

Dilution Factor: 2

CAS No.	Compound	Est. Conc.	Q	RT
	unknown	606	J	21.02

Number of TICs found: 1
 Total Est. Concentration: 606 ug/kg

Quantitation Report (QT Reviewed)

Data File : G:\HPChem\2\Data\07142011\2S8683.D
 Acq On : 14 Jul 2011 2:14 pm
 Sample : 11070359-003
 Misc : soil (2165-195) 1:2
 MS Integration Params: rteint.p
 Quant Time: Jul 18 11:28 2011

Vial: 11
 Operator: sdp
 Inst : GC/MS-5
 Multiplr: 1.00

66

Quant Results File: 0313ABNS.RES

Quant Method : G:\HPCHEM\2\METHODS\0313ABNS.M (RTE Integrator)
 Title : BNA Extractables GC/MS 8270C
 Last Update : Thu Jul 14 10:27:58 2011
 Response via : Initial Calibration
 DataAcq Meth : RUN8270

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	42705	40.00	ug/kg	0.00
21) Naphthalene-d8	8.42	136	182868	40.00	ug/kg	0.00
38) Acenaphthene-d10	11.99	164	166391	40.00	ug/kg	-0.01
61) Phenanthrene-d10	15.04	188	378028	40.00	ug/kg	0.00
75) Chrysene-d12	19.78	240	447742	40.00	ug/kg	0.00
84) Perylene-d12	21.28	264	471100	40.00	ug/kg	0.00

System Monitoring Compounds						
4) 2-Fluorophenol		3.46	112	28110m	30.76	ug/kg 0.06
Spiked Amount	100.000	Range	52 - 97	Recovery	=	30.76%#
7) Phenol-d6		5.71	99	45402m	27.06	ug/kg 0.07
Spiked Amount	100.000	Range	53 - 100	Recovery	=	27.06%#
22) Nitrobenzene-d5		7.09	82	23725m	12.70	ug/kg 0.03
Spiked Amount	50.000	Range	48 - 101	Recovery	=	25.40%#
43) 2-Fluorobiphenyl		10.73	172	88140	16.54	ug/kg 0.00
Spiked Amount	50.000	Range	51 - 97	Recovery	=	33.08%#
65) 2,4,6-Tribromophenol		13.71	330	34966	34.46	ug/kg 0.00
Spiked Amount	100.000	Range	18 - 131	Recovery	=	34.46%
78) p-Terphenyl-d14		18.41	244	147061	16.51	ug/kg 0.00
Spiked Amount	50.000	Range	27 - 112	Recovery	=	33.02%

Target Compounds						Qvalue
48) Acenaphthylene		11.71	152	4459	0.60	ug/kg# 81
70) Phenanthrene		15.08	178	19987	1.78	ug/kg 95
71) Anthracene		15.21	178	10148	0.88	ug/kg 92
74) Fluoranthene		17.55	202	56258	4.27	ug/kg 91
77) Pyrene		17.99	202	50673	3.47	ug/kg 92
80) Benzo(a)anthracene		19.76	228	35559	2.48	ug/kg 91
82) Chrysene		19.81	228	32717m	2.31	ug/kg
83) bis(2-Ethylhexyl)phthalate		19.88	149	8113	0.50	ug/kg# 70
86) Benzo(b)fluoranthene		20.91	252	54750m	3.77	ug/kg
87) Benzo(k)fluoranthene		20.92	252	19408m	1.79	ug/kg
88) Benzo(a)pyrene		21.23	252	42316	3.23	ug/kg 94
89) Indeno(1,2,3-cd)pyrene		22.70	276	31248	1.86	ug/kg 92
91) Benzo(g,h,i)perylene		23.13	276	27779	1.84	ug/kg 91

Quantitation Report

Data File : G:\HPChem\2\Data\07142011\2S8683.D
Acq On : 14 Jul 2011 2:14 pm
Sample : 11070359-003
Misc : soil (2165-195) 1:2
MS Integration Params: rteint.p
Quant Time: Jul 18 11:28 2011

Vial: 11
Operator: sdp
Inst : GC/MS-5
Multiplr: 1.00

67

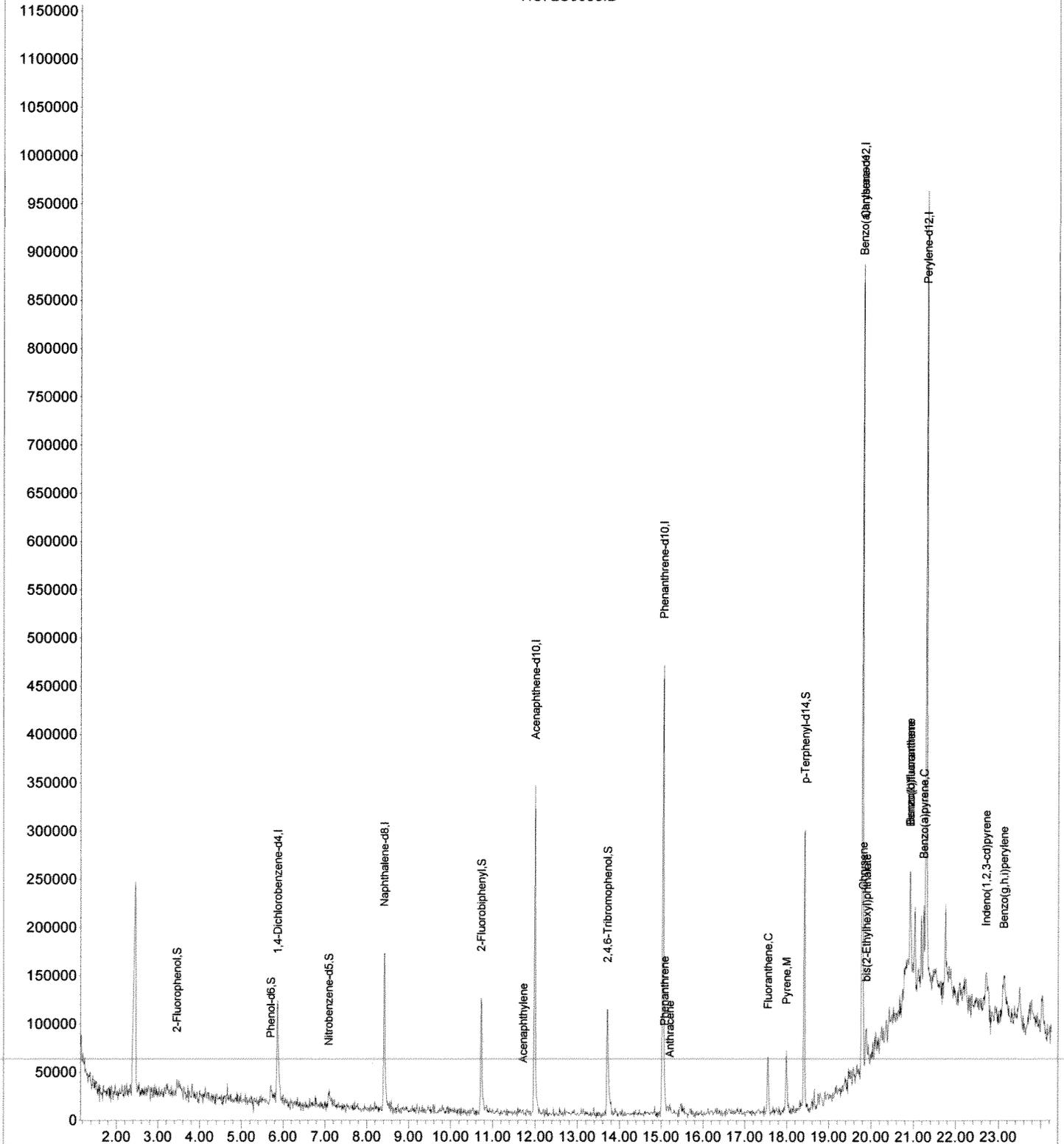
Quant Results File: 0313ABNS.RES

Method : G:\HPChem\2\Methods\0313ABNS.M (RTE Integrator)
Title : BNA Extractables GC/MS 8270C
Last Update : Thu Jul 14 10:27:58 2011
Response via : Initial Calibration

Approved:
18-Jul-2011 11:39



TIC: 2S8683.D



Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

S4

Sample Weight: 15.0 Grams
% Moisture: 1.1%
Extract Volume: 1 mL

Lab Sample ID: 11070359-004
Lab File ID: 2S8680.D
Date Collected: 11-Jul-11
Date Extracted: 14-Jul-11
Date Analyzed: 14-Jul-11
Dilution Factor: 1

CAS No.	Compound	Conc ug/kg	Q	MDL	PQL
110-86-1	Pyridine		U	193	337
62-75-9	n-Nitroso-dimethylamine		U	303	337
100-52-7	Benzaldehyde		U	100	337
62-53-3	Aniline		U	14.8	337
111-44-4	bis(2-Chloroethyl)ether		U	20.9	337
541-73-1	1,3-Dichlorobenzene		U	20.2	337
106-46-7	1,4-Dichlorobenzene		U	25.6	337
100-51-6	Benzyl Alcohol		U	467	337
95-50-1	1,2-Dichlorobenzene		U	15.5	337
108-60-1	bis(2-Chloroisopropyl)ether		U	16.9	337
98-86-2	Acetophenone		U	89.0	337
621-64-7	n-Nitroso-di-n-propylamine		U	29.7	337
67-72-1	Hexachloroethane		U	18.9	337
98-95-3	Nitrobenzene		U	13.5	337
78-59-1	Isophorone		U	14.2	337
111-91-1	bis(2-Chloroethoxy)methane		U	22.9	337
120-82-1	1,2,4-Trichlorobenzene		U	23.6	337
91-20-3	Naphthalene		U	14.8	337
106-47-8	4-Chloroaniline		U	20.2	337
87-68-3	Hexachlorobutadiene		U	19.5	337
105-60-2	Caprolactam		U	61.3	337
91-57-6	2-Methylnaphthalene		U	17.5	337
77-47-4	Hexachlorocyclopentadiene		U	276	674
92-52-4	Biphenyl		U	66.1	337
91-58-7	2-Chloronaphthalene		U	13.5	337
88-74-4	2-Nitroaniline		U	7.41	337
131-11-3	Dimethylphthalate		U	19.5	337
208-96-8	Acenaphthylene		U	10.8	337
606-20-2	2,6-Dinitrotoluene		U	28.3	337
99-09-2	3-Nitroaniline		U	329	337
83-32-9	Acenaphthene		U	13.5	337
132-64-9	Dibenzofuran		U	14.8	337
121-14-2	2,4-Dinitrotoluene		U	26.3	337
86-73-7	Fluorene		U	10.1	337
84-66-2	Diethylphthalate		U	728	337
7005-72-3	4-Chlorophenyl phenyl ether		U	18.2	337
100-01-6	4-Nitroaniline		U	185	337
86-30-6	n-Nitrosodiphenylamine		U	14.8	337
103-33-3	1,2-Diphenylhydrazine		U	11.5	337

Qualifiers : U=Undetected, J=Estimated, B=Also Detected in Blank,
E=Exceeded Calibration - Dilution Required, D=Result of Dilution

Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

S4

Sample Weight 15.0 Grams
% Moisture: 1.1%
Extract Volume: 1 mL

Lab Sample ID: 11070359-004
Lab File ID: 2S8680.D
Date Collected: 11-Jul-11
Date Extracted: 14-Jul-11
Date Analyzed: 14-Jul-11
Dilution Factor: 1

CAS No.	Compound	Conc ug/kg	Q	MDL	PQL
101-55-3	4-Bromophenyl-phenyl ether		U	21.6	337
118-74-1	Hexachlorobenzene		U	30.3	337
1912-24-9	Atrazine		U	55.3	337
85-01-8	Phenanthrene	98.2		5.39	337
120-12-7	Anthracene		U	9.44	337
86-74-8	Carbazole		U	20.9	337
84-74-2	Di-n-butylphthalate		U	32.4	337
206-44-0	Fluoranthene	170		16.9	337
92-87-5	Benidine		U	316	337
129-00-0	Pyrene	148		9.44	337
85-68-7	Butylbenzylphthalate		U	12.8	337
56-55-3	Benzo(a)anthracene	86.9		11.5	337
91-94-1	3,3'-Dichlorobenzidine		U	177	337
218-01-9	Chrysene	95.5		13.5	337
117-81-7	bis(2-Ethylhexyl)phthalate	208	BJ	231	337
117-84-0	Di-n-octylphthalate		U	20.9	337
205-99-2	Benzo(b)fluoranthene	144		22.9	337
207-08-9	Benzo(k)fluoranthene		U	18.2	337
50-32-8	Benzo(a)pyrene	80.3		12.8	337
193-39-5	Indeno(1,2,3-cd)pyrene	48		8.76	337
53-70-3	Dibenzo(a,h)anthracene		U	10.8	337
191-24-2	Benzo(g,h,i)perylene	54.2		17.5	337

Qualifiers : U=Undetected, J=Estimated, B=Also Detected in Blank,
E=Exceeded Calibration - Dilution Required, D=Result of Dilution

Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report
Tentatively Identified Compounds

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

S4

Sample Weight: 15.0 Grams

Lab Sample ID: 11070359-004

% Moisture: 1.1%

Lab File ID: 2S8680.D

Extract Volume: 1 mL

Date Collected: 11-Jul-11

Date Extracted: 14-Jul-11

Date Analyzed: 14-Jul-11

Dilution Factor: 1

CAS No.	Compound	Est. Conc.	Q	RT
	unknown	455	J	21.77

Number of TICs found: 1

Total Est. Concentration: 455 ug/kg

Quantitation Report (QT Reviewed)

71

Data File : G:\HPCHEM\2\Data\07142011\2S8680.D
 Acq On : 14 Jul 2011 12:30 pm
 Sample : 11070359-004
 Misc : soil (2165-195)
 MS Integration Params: rteint.p
 Quant Time: Jul 18 11:27 2011

Vial: 8
 Operator: sdp
 Inst : GC/MS-5
 Multiplr: 1.00

Quant Results File: 0313ABNS.RES

Quant Method : G:\HPCHEM\2\METHODS\0313ABNS.M (RTE Integrator)
 Title : BNA Extractables GC/MS 8270C
 Last Update : Thu Jul 14 10:27:58 2011
 Response via : Initial Calibration
 DataAcq Meth : RUN8270

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	29265	40.00	ug/kg	0.00
21) Naphthalene-d8	8.42	136	128335	40.00	ug/kg	0.00
38) Acenaphthene-d10	11.99	164	132012	40.00	ug/kg	-0.01
61) Phenanthrene-d10	15.03	188	316292	40.00	ug/kg	0.00
75) Chrysene-d12	19.79	240	368004	40.00	ug/kg	0.00
84) Perylene-d12	21.30	264	407459	40.00	ug/kg	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	3.42	112	43170m	68.93	ug/kg	0.02
Spiked Amount	100.000	Range 52 - 97	Recovery	=	68.93%	
7) Phenol-d6	5.64	99	68242m	59.35	ug/kg	0.00
Spiked Amount	100.000	Range 53 - 100	Recovery	=	59.35%	
22) Nitrobenzene-d5	7.07	82	32516m	24.80	ug/kg	0.01
Spiked Amount	50.000	Range 48 - 101	Recovery	=	49.60%	
43) 2-Fluorobiphenyl	10.73	172	159152	37.64	ug/kg	0.00
Spiked Amount	50.000	Range 51 - 97	Recovery	=	75.28%	
65) 2,4,6-Tribromophenol	13.70	330	61265	72.15	ug/kg	0.00
Spiked Amount	100.000	Range 18 - 131	Recovery	=	72.15%	
78) p-Terphenyl-d14	18.41	244	284732	38.90	ug/kg	0.00
Spiked Amount	50.000	Range 27 - 112	Recovery	=	77.80%	
Target Compounds						
70) Phenanthrene	15.08	178	13667	1.46	ug/kg	95
74) Fluoranthene	17.56	202	27857	2.53	ug/kg	90
77) Pyrene	18.00	202	26439	2.20	ug/kg	92
80) Benzo(a)anthracene	19.78	228	15156m	1.29	ug/kg	
82) Chrysene	19.82	228	16480	1.42	ug/kg	92
83) bis(2-Ethylhexyl)phthalate	19.89	149	40748	3.08	ug/kg	96
86) Benzo(b)fluoranthene	20.93	252	26880m	2.14	ug/kg	
88) Benzo(a)pyrene	21.25	252	13519	1.19	ug/kg	88
89) Indeno(1,2,3-cd)pyrene	22.73	276	10370	0.71	ug/kg	84
91) Benzo(g,h,i)perylene	23.16	276	10487	0.80	ug/kg#	76

(#) = qualifier out of range (m) = manual integration
 2S8680.D 0313ABNS.M Mon Jul 18 11:39:17 2011

Quantitation Report

Data File : G:\HPChem\2\Data\07142011\2S8680.D
Acq On : 14 Jul 2011 12:30 pm
Sample : 11070359-004
Misc : soil (2165-195)
MS Integration Params: rteint.p
Quant Time: Jul 18 11:27 2011

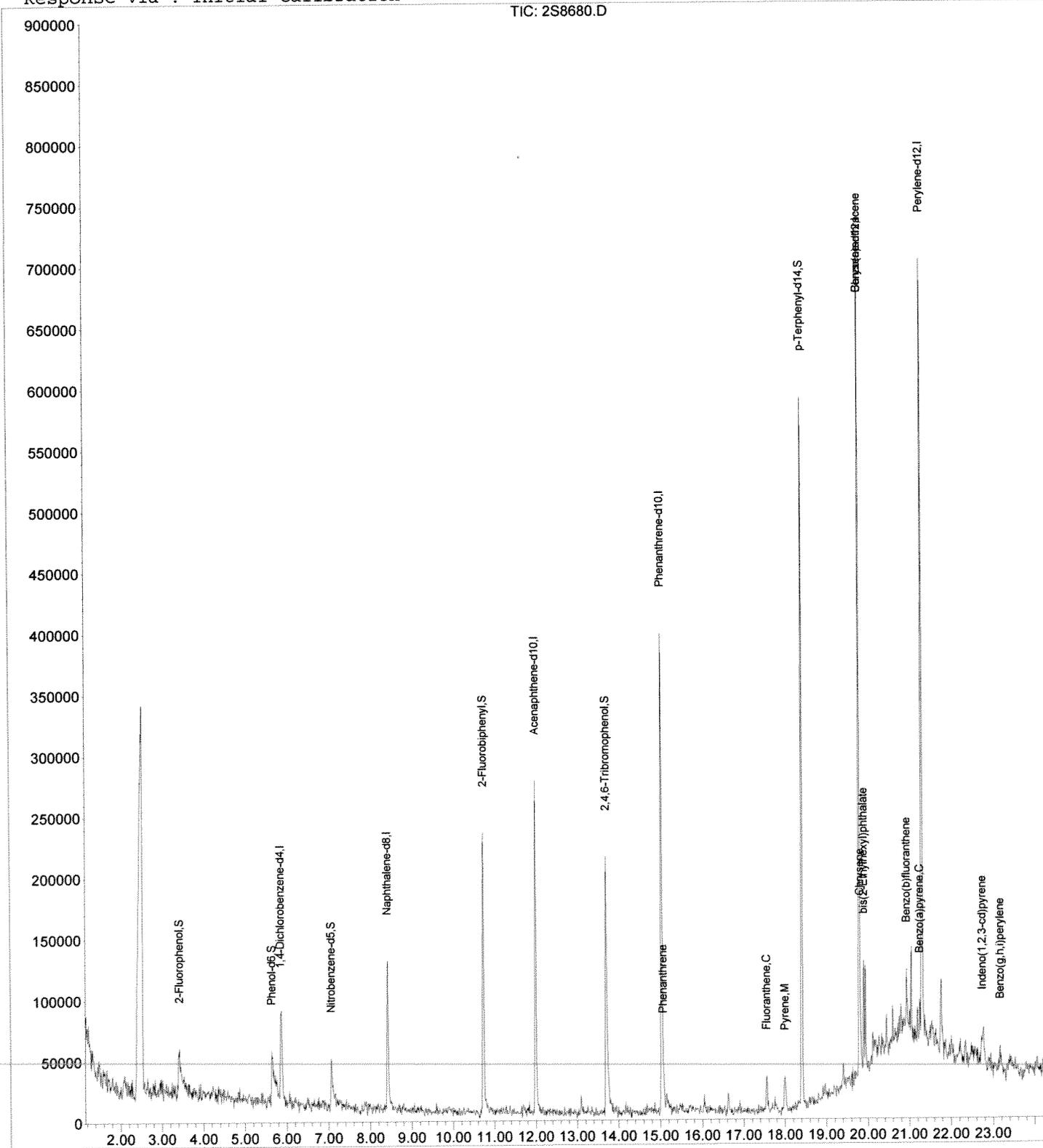
Vial: 8
Operator: sdp
Inst : GC/MS-5
Multiplr: 1.00

72

Quant Results File: 0313ABNS.RES

Method : G:\HPChem\2\Methods\0313ABNS.M (RTE Integrator)
Title : BNA Extractables GC/MS 8270C
Last Update : Thu Jul 14 10:27:58 2011
Response via : Initial Calibration

Approved:
18-Jul-2011 11:39



Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

S5

Sample Weight: 15.0 Grams
% Moisture: 3.1%
Extract Volume: 1 mL

Lab Sample ID: 11070359-005
Lab File ID: 2S8684.D
Date Collected: 11-Jul-11
Date Extracted: 14-Jul-11
Date Analyzed: 14-Jul-11
Dilution Factor: 2

CAS No.	Compound	Conc ug/kg	Q	MDL	PQL
110-86-1	Pyridine		U	395	688
62-75-9	n-Nitroso-dimethylamine		U	619	688
100-52-7	Benzaldehyde		U	205	688
62-53-3	Aniline		U	30.3	688
111-44-4	bis(2-Chloroethyl)ether		U	42.7	688
541-73-1	1,3-Dichlorobenzene		U	41.3	688
106-46-7	1,4-Dichlorobenzene		U	52.3	688
100-51-6	Benzyl Alcohol		U	954	688
95-50-1	1,2-Dichlorobenzene		U	31.6	688
108-60-1	bis(2-Chloroisopropyl)ether		U	34.4	688
98-86-2	Acetophenone		U	182	688
621-64-7	n-Nitroso-di-n-propylamine		U	60.5	688
67-72-1	Hexachloroethane		U	38.5	688
98-95-3	Nitrobenzene		U	27.5	688
78-59-1	Isophorone		U	28.9	688
111-91-1	bis(2-Chloroethoxy)methane		U	46.8	688
120-82-1	1,2,4-Trichlorobenzene		U	48.2	688
91-20-3	Naphthalene		U	30.3	688
106-47-8	4-Chloroaniline		U	41.3	688
87-68-3	Hexachlorobutadiene		U	39.9	688
105-60-2	Caprolactam		U	125	688
91-57-6	2-Methylnaphthalene		U	35.8	688
77-47-4	Hexachlorocyclopentadiene		U	564	1380
92-52-4	Biphenyl		U	135	688
91-58-7	2-Chloronaphthalene		U	27.5	688
88-74-4	2-Nitroaniline		U	15.1	688
131-11-3	Dimethylphthalate		U	39.9	688
208-96-8	Acenaphthylene	221	D	22.0	688
606-20-2	2,6-Dinitrotoluene		U	57.8	688
99-09-2	3-Nitroaniline		U	671	688
83-32-9	Acenaphthene		U	27.5	688
132-64-9	Dibenzofuran		U	30.3	688
121-14-2	2,4-Dinitrotoluene		U	53.7	688
86-73-7	Fluorene		U	20.6	688
84-66-2	Diethylphthalate		U	1490	688
7005-72-3	4-Chlorophenyl phenyl ether		U	37.2	688
100-01-6	4-Nitroaniline		U	377	688
86-30-6	n-Nitrosodiphenylamine		U	30.3	688
103-33-3	1,2-Diphenylhydrazine		U	23.4	688

Qualifiers : U=Undetected, J=Estimated, B=Also Detected in Blank,
E=Exceeded Calibration - Dilution Required, D=Result of Dilution

Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

S5

Sample Weight: 15.0 Grams
% Moisture: 3.1%
Extract Volume: 1 mL

Lab Sample ID: 11070359-005
Lab File ID: 2S8684.D
Date Collected: 11-Jul-11
Date Extracted: 14-Jul-11
Date Analyzed: 14-Jul-11
Dilution Factor: 2

CAS No.	Compound	Conc ug/kg	Q	MDL	PQL
101-55-3	4-Bromophenyl-phenyl ether		U	44.0	688
118-74-1	Hexachlorobenzene		U	61.9	688
1912-24-9	Atrazine		U	113	688
85-01-8	Phenanthrene	632	D	11.0	688
120-12-7	Anthracene	231	D	19.3	688
86-74-8	Carbazole		U	42.7	688
84-74-2	Di-n-butylphthalate		U	66.0	688
206-44-0	Fluoranthene	1870	D	34.4	688
92-87-5	Benzidine		U	645	688
129-00-0	Pyrene	1740	D	19.3	688
85-68-7	Butylbenzylphthalate	114	D	26.1	688
56-55-3	Benzo(a)anthracene	947	D	23.4	688
91-94-1	3,3'-Dichlorobenzidine		U	361	688
218-01-9	Chrysene	1250	D	27.5	688
117-81-7	bis(2-Ethylhexyl)phthalate	553	BD	471	688
117-84-0	Di-n-octylphthalate		U	42.7	688
205-99-2	Benzo(b)fluoranthene	1740	D	46.8	688
207-08-9	Benzo(k)fluoranthene	825	D	37.2	688
50-32-8	Benzo(a)pyrene	1200	D	26.1	688
193-39-5	Indeno(1,2,3-cd)pyrene	765	D	17.9	688
53-70-3	Dibenzo(a,h)anthracene		U	22.0	688
191-24-2	Benzo(g,h,i)perylene	844	D	35.8	688

Qualifiers : U=Undetected, J=Estimated, B=Also Detected in Blank,
E=Exceeded Calibration - Dilution Required, D=Result of Dilution

Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report
Tentatively Identified Compounds

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

S5

Sample Weight	15.0 Grams	Lab Sample ID:	11070359-005
		Lab File ID:	2S8684.D
% Moisture:	3.1%	Date Collected:	11-Jul-11
		Date Extracted:	14-Jul-11
Extract Volume:	1 mL	Date Analyzed:	14-Jul-11
		Dilution Factor:	2

CAS No.	Compound	Est. Conc.	Q	RT
629-92-5	Nonadecane	1910	JN	21.02
192-97-2	Benzo[e]pyrene	1020	JN	21.17
	unknown	826	J	21.54
1560-84-5	Eicosane, 2-methyl-	1580	JN	21.75
	unknown	573	J	24.05

Number of TICs found: 5
Total Est. Concentration: 5909 ug/kg

Quantitation Report (QT Reviewed)

Data File : G:\HPChem\2\Data\07142011\2S8684.D
 Acq On : 14 Jul 2011 2:49 pm
 Sample : 11070359-005
 Misc : soil (2165-195) 1:2
 MS Integration Params: rteint.p
 Quant Time: Jul 18 11:28 2011

Vial: 12
 Operator: sdp
 Inst : GC/MS-5
 Multiplr: 1.00

76

Quant Results File: 0313ABNS.RES

Quant Method : G:\HPCHEM\2\METHODS\0313ABNS.M (RTE Integrator)
 Title : BNA Extractables GC/MS 8270C
 Last Update : Thu Jul 14 10:27:58 2011
 Response via : Initial Calibration
 DataAcq Meth : RUN8270

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	42264	40.00	ug/kg	0.00
21) Naphthalene-d8	8.41	136	171390	40.00	ug/kg	0.00
38) Acenaphthene-d10	11.98	164	156987	40.00	ug/kg	-0.02
61) Phenanthrene-d10	15.03	188	361300	40.00	ug/kg	-0.01
75) Chrysene-d12	19.78	240	404977	40.00	ug/kg	0.00
84) Perylene-d12	21.28	264	451202	40.00	ug/kg	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev (Min)
4) 2-Fluorophenol	3.45	112	26120m	28.88	ug/kg	0.05
Spiked Amount 100.000	Range 52 - 97		Recovery =	28.88%#		
7) Phenol-d6	5.69	99	50474m	30.40	ug/kg	0.05
Spiked Amount 100.000	Range 53 - 100		Recovery =	30.40%#		
22) Nitrobenzene-d5	7.09	82	24391m	13.93	ug/kg	0.03
Spiked Amount 50.000	Range 48 - 101		Recovery =	27.86%#		
43) 2-Fluorobiphenyl	10.72	172	102709	20.42	ug/kg	0.00
Spiked Amount 50.000	Range 51 - 97		Recovery =	40.84%#		
65) 2,4,6-Tribromophenol	13.69	330	44247	45.62	ug/kg	0.00
Spiked Amount 100.000	Range 18 - 131		Recovery =	45.62%		
78) p-Terphenyl-d14	18.41	244	172964	21.47	ug/kg	0.00
Spiked Amount 50.000	Range 27 - 112		Recovery =	42.94%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
48) Acenaphthylene	11.72	152	11221	1.61	ug/kg	90
70) Phenanthrene	15.08	178	49208	4.59	ug/kg	98
71) Anthracene	15.20	178	18393	1.68	ug/kg	83
74) Fluoranthene	17.54	202	170888	13.58	ug/kg	94
77) Pyrene	17.98	202	166791	12.61	ug/kg	88
79) Butylbenzylphthalate	19.18	149	8047	0.83	ug/kg#	54
80) Benzo(a)anthracene	19.77	228	89089	6.88	ug/kg	85
82) Chrysene	19.81	228	116667	9.12	ug/kg	91
83) bis(2-Ethylhexyl)phthalate	19.88	149	58571	4.02	ug/kg#	92
86) Benzo(b)fluoranthene	20.91	252	175662m	12.65	ug/kg	
87) Benzo(k)fluoranthene	20.91	252	62325m	6.00	ug/kg	
88) Benzo(a)pyrene	21.23	252	110002	8.76	ug/kg	91
89) Indeno(1,2,3-cd)pyrene	22.70	276	89580	5.56	ug/kg	92
91) Benzo(g,h,i)perylene	23.12	276	88651	6.14	ug/kg	92

Quantitation Report

Data File : G:\HPChem\2\Data\07142011\2S8684.D
 Acq On : 14 Jul 2011 2:49 pm
 Sample : 11070359-005
 Misc : soil (2165-195) 1:2
 MS Integration Params: rteint.p
 Quant Time: Jul 18 11:28 2011

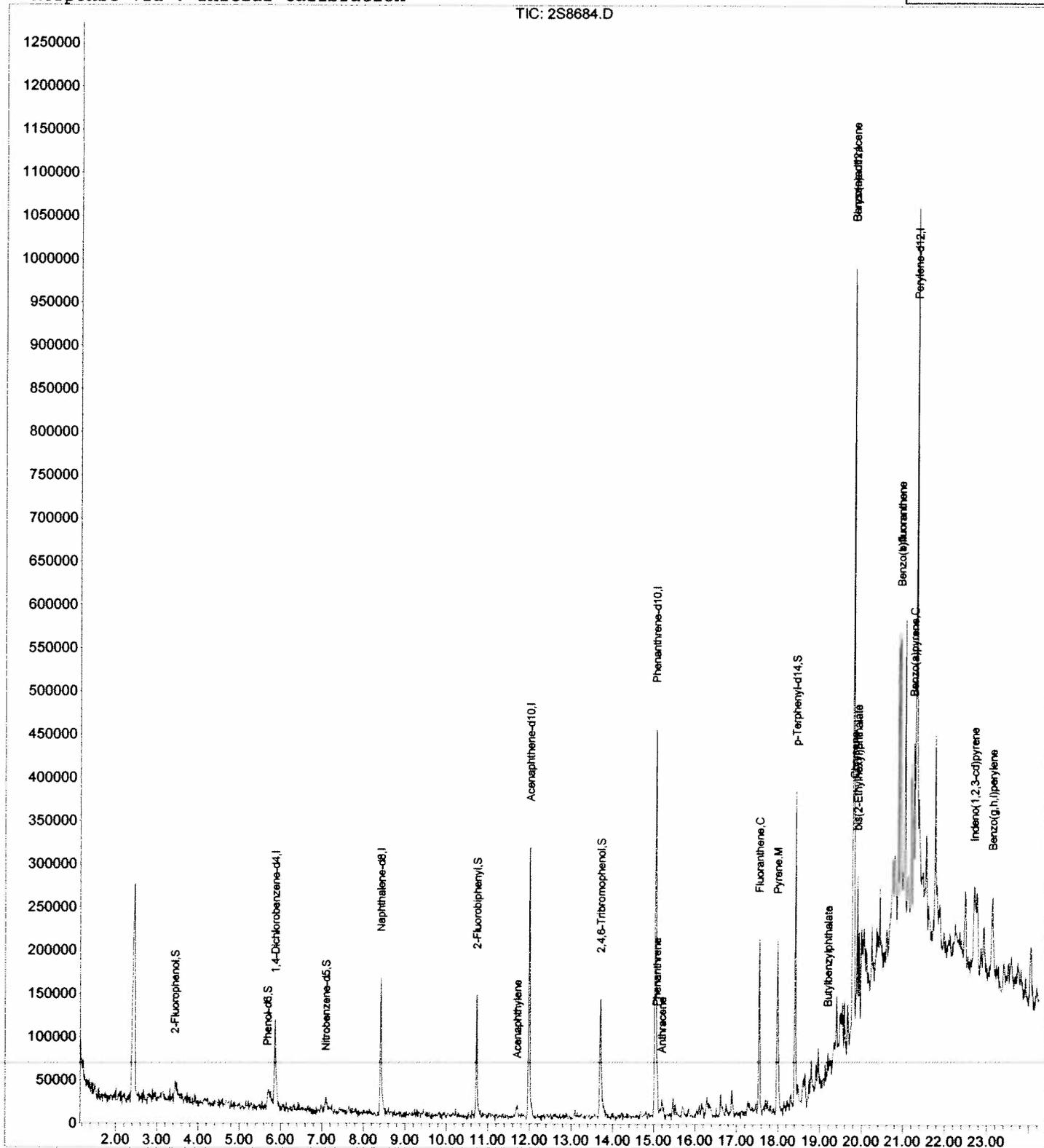
Vial: 12
 Operator: sdj
 Inst : GC/MS-5
 Multiplr: 1.00

77

Quant Results File: 0313ABNS.RES

Method : G:\HPChem\2\Methods\0313ABNS.M (RTE Integrator)
 Title : BNA Extractables GC/MS 8270C
 Last Update : Thu Jul 14 10:27:58 2011
 Response via : Initial Calibration

Approved:
 18-Jul-2011 11:39

Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report

78

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

S6

Sample Weight 15.0 Grams

Lab Sample ID: 11070359-006

% Moisture: 2.5%

Lab File ID: 2S8685.D

Extract Volume: 1 mL

Date Collected: 11-Jul-11

Date Extracted: 14-Jul-11

Date Analyzed: 14-Jul-11

Dilution Factor: 2

CAS No.	Compound	Conc ug/kg	Q	MDL	PQL
110-86-1	Pyridine		U	392	684
62-75-9	n-Nitroso-dimethylamine		U	615	684
100-52-7	Benzaldehyde		U	204	684
62-53-3	Aniline		U	30.1	684
111-44-4	bis(2-Chloroethyl)ether		U	42.4	684
541-73-1	1,3-Dichlorobenzene		U	41.0	684
106-46-7	1,4-Dichlorobenzene		U	52.0	684
100-51-6	Benzyl Alcohol		U	948	684
95-50-1	1,2-Dichlorobenzene		U	31.5	684
108-60-1	bis(2-Chloroisopropyl)ether		U	34.2	684
98-86-2	Acetophenone		U	181	684
621-64-7	n-Nitroso-di-n-propylamine		U	60.2	684
67-72-1	Hexachloroethane		U	38.3	684
98-95-3	Nitrobenzene		U	27.4	684
78-59-1	Isophorone		U	28.7	684
111-91-1	bis(2-Chloroethoxy)methane		U	46.5	684
120-82-1	1,2,4-Trichlorobenzene		U	47.9	684
91-20-3	Naphthalene		U	30.1	684
106-47-8	4-Chloroaniline		U	41.0	684
87-68-3	Hexachlorobutadiene		U	39.7	684
105-60-2	Caprolactam		U	124	684
91-57-6	2-Methylnaphthalene		U	35.6	684
77-47-4	Hexachlorocyclopentadiene		U	561	1370
92-52-4	Biphenyl		U	134	684
91-58-7	2-Chloronaphthalene		U	27.4	684
88-74-4	2-Nitroaniline		U	15.0	684
131-11-3	Dimethylphthalate		U	39.7	684
208-96-8	Acenaphthylene	313	D	21.9	684
606-20-2	2,6-Dinitrotoluene		U	57.4	684
99-09-2	3-Nitroaniline		U	667	684
83-32-9	Acenaphthene		U	27.4	684
132-64-9	Dibenzofuran		U	30.1	684
121-14-2	2,4-Dinitrotoluene		U	53.3	684
86-73-7	Fluorene		U	20.5	684
84-66-2	Diethylphthalate		U	1480	684
7005-72-3	4-Chlorophenyl phenyl ether		U	36.9	684
100-01-6	4-Nitroaniline		U	375	684
86-30-6	n-Nitrosodiphenylamine		U	30.1	684
103-33-3	1,2-Diphenylhydrazine		U	23.2	684

Qualifiers : U=Undetected, J=Estimated, B=Also Detected in Blank,
E=Exceeded Calibration - Dilution Required, D=Result of Dilution

Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report

79

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

S6

Sample Weight: 15.0 Grams
% Moisture: 2.5%
Extract Volume: 1 mL

Lab Sample ID: 11070359-006
Lab File ID: 2S8685.D
Date Collected: 11-Jul-11
Date Extracted: 14-Jul-11
Date Analyzed: 14-Jul-11
Dilution Factor: 2

CAS No.	Compound	Conc ug/kg	Q	MDL	PQL
101-55-3	4-Bromophenyl-phenyl ether		U	43.8	684
118-74-1	Hexachlorobenzene		U	61.5	684
1912-24-9	Atrazine		U	112	684
85-01-8	Phenanthrene	777	D	10.9	684
120-12-7	Anthracene	346	D	19.1	684
86-74-8	Carbazole		U	42.4	684
84-74-2	Di-n-butylphthalate		U	65.6	684
206-44-0	Fluoranthene	1780	D	34.2	684
92-87-5	Benzidine		U	641	684
129-00-0	Pyrene	1650	D	19.1	684
85-68-7	Butylbenzylphthalate		U	26.0	684
56-55-3	Benzo(a)anthracene	1020	D	23.2	684
91-94-1	3,3'-Dichlorobenzidine		U	358	684
218-01-9	Chrysene	967	D	27.4	684
117-81-7	bis(2-Ethylhexyl)phthalate	171	BDJ	468	684
117-84-0	Di-n-octylphthalate		U	42.4	684
205-99-2	Benzo(b)fluoranthene	1410	D	46.5	684
207-08-9	Benzo(k)fluoranthene	627	D	36.9	684
50-32-8	Benzo(a)pyrene	1110	D	26.0	684
193-39-5	Indeno(1,2,3-cd)pyrene	580	D	17.8	684
53-70-3	Dibenzo(a,h)anthracene		U	21.9	684
191-24-2	Benzo(g,h,i)perylene	593	D	35.6	684

Qualifiers : U=Undetected, J=Estimated, B=Also Detected in Blank,
E=Exceeded Calibration - Dilution Required, D=Result of Dilution

Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report
Tentatively Identified Compounds

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

S6

Sample Weight: 15.0 Grams Lab Sample ID: 11070359-006
% Moisture: 2.5% Lab File ID: 2S8685.D
Extract Volume: 1 mL Date Collected: 11-Jul-11
Date Extracted: 14-Jul-11
Date Analyzed: 14-Jul-11
Dilution Factor: 2

CAS No.	Compound	Est. Conc.	Q	RT
	unknown	603	J	20.91
192-97-2	Benzo[e]pyrene	890	JN	21.07
	unknown	585	J	22.77
	unknown	673	J	23.91

Number of TICs found: 4
Total Est. Concentration: 2751 ug/kg

Qualifiers : J=Estimated Concentration, N=Used When Reporting a Specific Tentatively Identified Compound

Quantitation Report (QT Reviewed)

Data File : G:\HPCHEM\2\Data\07142011\2S8685.D
 Acq On : 14 Jul 2011 3:24 pm
 Sample : 11070359-006
 Misc : soil (2165-195) 1:2
 MS Integration Params: rteint.p
 Quant Time: Jul 18 11:28 2011

Vial: 13
 Operator: sdp
 Inst : GC/MS-5
 Multiplr: 1.00

81

Quant Results File: 0313ABNS.RES

Quant Method : G:\HPCHEM\2\METHODS\0313ABNS.M (RTE Integrator)
 Title : BNA Extractables GC/MS 8270C
 Last Update : Thu Jul 14 10:27:58 2011
 Response via : Initial Calibration
 DataAcq Meth : RUN8270

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	41066	40.00	ug/kg	0.00
21) Naphthalene-d8	8.41	136	167887	40.00	ug/kg	0.00
38) Acenaphthene-d10	11.99	164	161889	40.00	ug/kg	-0.01
61) Phenanthrene-d10	15.04	188	360520	40.00	ug/kg	0.00
75) Chrysene-d12	19.75	240	415640	40.00	ug/kg	-0.04
84) Perylene-d12	21.18	264	478417	40.00	ug/kg	-0.10

System Monitoring Compounds

4) 2-Fluorophenol	3.45	112	31444m	35.78	ug/kg	0.05
Spiked Amount	100.000	Range 52 - 97	Recovery	=	35.78%#	
7) Phenol-d6	5.71	99	56499m	35.02	ug/kg	0.07
Spiked Amount	100.000	Range 53 - 100	Recovery	=	35.02%#	
22) Nitrobenzene-d5	7.08	82	20467m	11.93	ug/kg	0.02
Spiked Amount	50.000	Range 48 - 101	Recovery	=	23.86%#	
43) 2-Fluorobiphenyl	10.72	172	104656	20.18	ug/kg	0.00
Spiked Amount	50.000	Range 51 - 97	Recovery	=	40.36%#	
65) 2,4,6-Tribromophenol	13.70	330	42472	43.88	ug/kg	0.00
Spiked Amount	100.000	Range 18 - 131	Recovery	=	43.88%	
78) p-Terphenyl-d14	18.40	244	177040	21.41	ug/kg	0.00
Spiked Amount	50.000	Range 27 - 112	Recovery	=	42.82%	

Target Compounds

						Qvalue
48) Acenaphthylene	11.70	152	16487	2.29	ug/kg#	88
70) Phenanthrene	15.08	178	60732	5.68	ug/kg	97
71) Anthracene	15.20	178	27728	2.53	ug/kg	97
74) Fluoranthene	17.55	202	163174	13.00	ug/kg	94
77) Pyrene	17.98	202	164206	12.10	ug/kg	90
80) Benzo(a)anthracene	19.74	228	99356	7.48	ug/kg	84
82) Chrysene	19.78	228	92829	7.07	ug/kg	89
83) bis(2-Ethylhexyl)phthalate	19.85	149	18663	1.25	ug/kg#	89
86) Benzo(b)fluoranthene	20.80	252	152227m	10.34	ug/kg	
87) Benzo(k)fluoranthene	20.81	252	50537m	4.59	ug/kg	
88) Benzo(a)pyrene	21.12	252	107869	8.10	ug/kg	92
89) Indeno(1,2,3-cd)pyrene	22.57	276	72536	4.24	ug/kg	90
91) Benzo(g,h,i)perylene	23.00	276	66417	4.34	ug/kg	79

Quantitation Report

Data File : G:\HPChem\2\Data\07142011\2S8685.D
Acq On : 14 Jul 2011 3:24 pm
Sample : 11070359-006
Misc : soil (2165-195) 1:2
MS Integration Params: rteint.p
Quant Time: Jul 18 11:28 2011

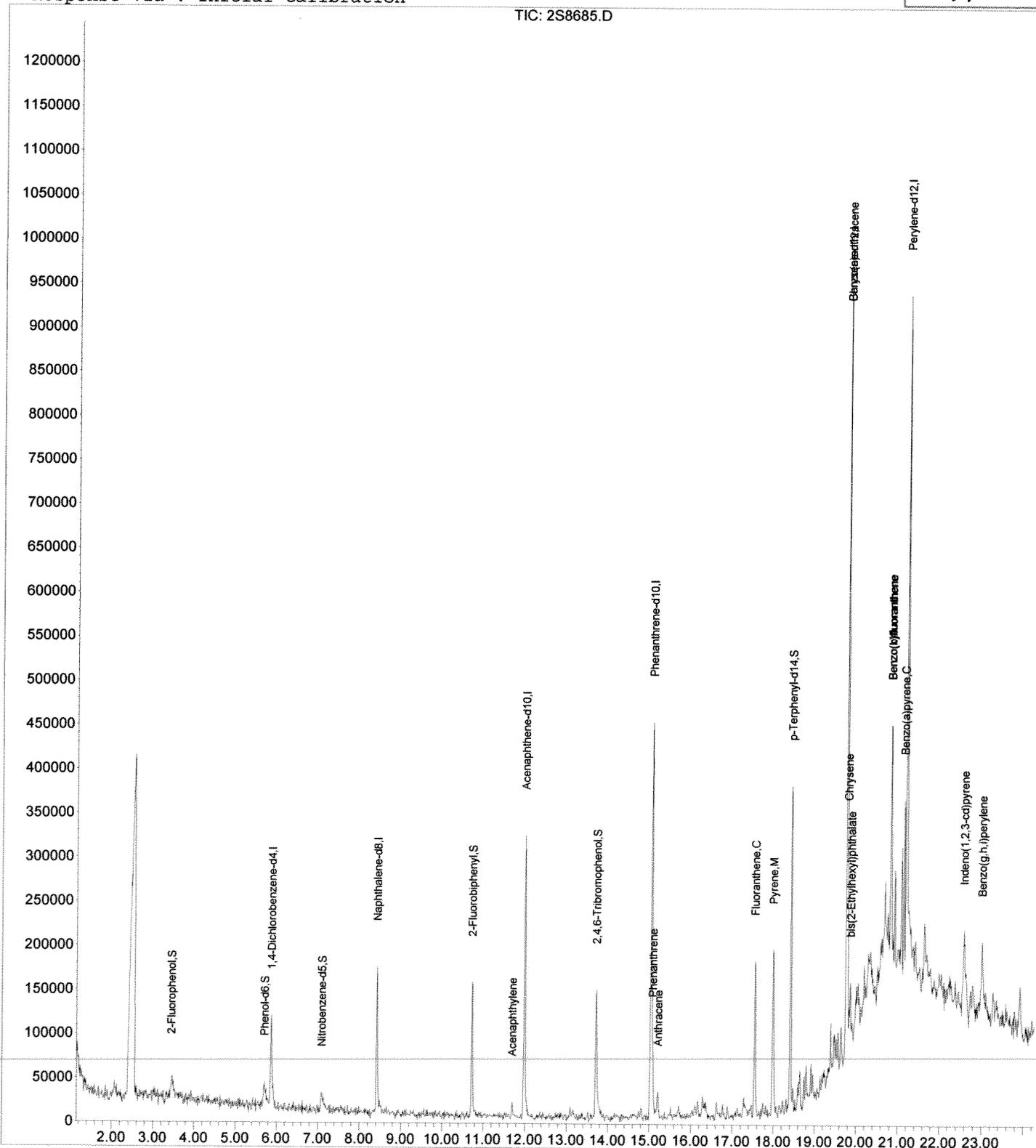
Vial: 13
Operator: sdp
Inst : GC/MS-5
Multiplr: 1.00

82

Quant Results File: 0313ABNS.RES

Method : G:\HPChem\2\Methods\0313ABNS.M (RTE Integrator)
Title : BNA Extractables GC/MS 8270C
Last Update : Thu Jul 14 10:27:58 2011
Response via : Initial Calibration

Approved:
18-Jul-2011 11:39



Aqua Pro-Tech Laboratories
Conformance/Non-Conformance Checklist

	YES	NO
GC/MS TUNE SPECIFICATIONS		
DFTPP passes criteria	x	_____
GC/MS TUNING FREQUENCY		
Method 625-Performed within 24 hours prior to sample analysis	_____	_____
Method 8270C-Performed within 12 hours prior to sample analysis	x	_____
GC/MS INITIAL CALIBRATION REQUIREMENTS		
Calibration Check Compounds pass criteria	x	_____
System Performance Check Compounds pass criteria	x	_____
GC/MS CONTINUING CALIBRATION PASS REQUIREMENTS	x	_____
SURROGATE RECOVERIES PASS CRITERIA	x	_____
MATRIX SPIKE/SPIKE DUPLICATE RECOVERIES PASS CRITERIA	x	_____
BLANK SPIKE RECOVERIES PASS CRITERIA	x	_____
INTERNAL STANDARD AREAS AND RETENTION TIMES PASS CRITERIA	x	_____
EXTRACTION HOLDING TIMES MET (from date of collection)		
Method 625 (water/wastewater)-7 days	_____	_____
Method 8270C(soil/solid waste)-14 days	x	_____
ANALYSIS HOLDING TIMES MET (from date of extraction)		
Method 625 (water extracts)-40 days	_____	_____
Method 8270C(soil/solid extracts)-40 days	x	_____

COMMENTS:

Reviewed By: _____

Brian Wood

Brian Wood, Laboratory Director

19-Jul-2011

Date

Form 2 Semi-Volatile Organics Soil
Semi-Volatile System Monitoring (Surrogate) Compound Recovery

Client: TERMS ENVIRONMENTAL
Project: Vet Park

(% Recovery)

QC Limits

S1 = 2-Fluorophenol	(52 - 97%)
S2 = Phenol-d6	(53 - 100%)
S3 = Nitrobenzene-d5	(48 - 101%)
S4 = 2-Fluorobiphenyl	(51 - 97%)
S5 = 2,4,6-Tribromophenol	(18 - 131%)
S6 = p-Terphenyl-d14	(27 - 112%)

* = Values outside of QC limits

D = System Monitoring Compound diluted out

N/A = Not Applicable To This Method

Sample ID	Sample Name	S1	S2	S3	S4	S5	S6	TOTAL OUT
11070359-001	S1	N/A	N/A	52	68	N/A	74	0
11070359-002	S2	N/A	N/A	55	72	N/A	77	0
11070359-003	S3	N/A	N/A	51	66	N/A	66	0
11070359-004	S4	N/A	N/A	50	75	N/A	78	0
11070359-005	S5	N/A	N/A	56	82	N/A	86	0
11070359-006	S6	N/A	N/A	48	81	N/A	86	0
Blank - 2165	Blank	N/A	N/A	54	81	N/A	83	0

Quantitation Report (QT Reviewed)

Data File : G:\HPCHEM\2\Data\07142011\2S8679.D
 Acq On : 14 Jul 2011 11:59 am
 Sample : sabn 195 lcs
 Misc : soil (2165-195)
 MS Integration Params: rteint.p
 Quant Time: Jul 18 10:19 2011

Vial: 7
 Operator: sdp
 Inst : GC/MS-5
 Multiplr: 1.00

85

Quant Results File: 0313ABNS.RES

Quant Method : G:\HPCHEM\2\METHODS\0313ABNS.M (RTE Integrator)
 Title : BNA Extractables GC/MS 8270C
 Last Update : Thu Jul 14 10:27:58 2011
 Response via : Initial Calibration
 DataAcq Meth : RUN8270

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	36191	40.00	ug/kg	0.00
21) Naphthalene-d8	8.42	136	152415	40.00	ug/kg	0.00
38) Acenaphthene-d10	11.99	164	147418	40.00	ug/kg	0.00
61) Phenanthrene-d10	15.04	188	337312	40.00	ug/kg	0.00
75) Chrysene-d12	19.79	240	354793	40.00	ug/kg	0.00
84) Perylene-d12	21.29	264	446836	40.00	ug/kg	0.01

System Monitoring Compounds

4) 2-Fluorophenol	3.50	112	50073m	64.65	ug/kg	0.10
Spiked Amount	100.000	Range	52 - 97	Recovery	=	64.65%
7) Phenol-d6	5.64	99	97077m	68.27	ug/kg	0.00
Spiked Amount	100.000	Range	53 - 100	Recovery	=	68.27%
22) Nitrobenzene-d5	7.06	82	40521	26.02	ug/kg	0.00
Spiked Amount	50.000	Range	48 - 101	Recovery	=	52.04%
43) 2-Fluorobiphenyl	10.72	172	200367	42.43	ug/kg	0.00
Spiked Amount	50.000	Range	51 - 97	Recovery	=	84.86%
65) 2,4,6-Tribromophenol	13.70	330	81895	90.44	ug/kg	0.00
Spiked Amount	100.000	Range	18 - 131	Recovery	=	90.44%
78) p-Terphenyl-d14	18.41	244	334183	47.35	ug/kg	0.00
Spiked Amount	50.000	Range	27 - 112	Recovery	=	94.70%

Target Compounds

						Qvalue
2) Pyridine	1.18	79	54424m	39.70	ug/kg	
3) n-Nitroso-dimethylamine	1.19	42	49607m	57.67	ug/kg	
6) Aniline	5.29	93	42266	25.07	ug/kg	89
8) Phenol	5.70	94	41801	29.47	ug/kg#	78
9) bis(2-Chloroethyl)ether	5.50	93	28469	27.29	ug/kg	97
10) 2-Chlorophenol	5.59	128	43985	33.54	ug/kg	87
11) 1,3-Dichlorobenzene	5.73	146	51804	36.21	ug/kg	93
12) 1,4-Dichlorobenzene	5.90	146	54084	36.30	ug/kg	97
13) Benzyl Alcohol	6.43	108	25439m	39.63	ug/kg	
14) 1,2-Dichlorobenzene	6.19	146	58709	39.90	ug/kg	94
15) 2-Methylphenol	6.82	108	44023	36.22	ug/kg	
16) bis(2-Chloroisopropyl)ethe	6.60	45	74523	36.64	ug/kg#	100
18) 3+4-Methylphenol	7.19	108	39394	32.50	ug/kg#	68
19) n-Nitroso-di-n-propylamine	6.88	70	20441	28.57	ug/kg#	87
20) Hexachloroethane	6.80	117	22358	28.28	ug/kg#	69
23) Nitrobenzene	7.10	77	38646	17.54	ug/kg#	73
24) Isophorone	7.65	82	69137	23.76	ug/kg	95
25) 2-Nitrophenol	7.76	139	31857	34.58	ug/kg	95
26) 2,4-Dimethylphenol	8.14	107	59171	34.36	ug/kg	98
27) bis(2-Chloroethoxy)methane	8.17	93	50944	26.87	ug/kg	90
28) 2,4-Dichlorophenol	8.43	162	57914	42.60	ug/kg	97
29) Benzoic Acid	8.74	105	11067	16.48	ug/kg#	23
30) 1,2,4-Trichlorobenzene	8.37	180	83018	54.03	ug/kg	99
31) Naphthalene	8.46	128	153214	36.95	ug/kg#	92
32) 2,6-Dichlorophenol	8.76	162	66806	44.41	ug/kg	98
33) 4-Chloroaniline	8.77	127	52394	26.80	ug/kg	95
34) Hexachlorobutadiene	8.77	225	56817	56.29	ug/kg	94
36) 4-Chloro-3-methylphenol	10.06	107	66469	39.21	ug/kg	86
37) 2-Methylnaphthalene	9.90	142	141813	46.95	ug/kg	97
39) Hexachlorocyclopentadiene	10.23	237	16210	17.08	ug/kg	96
41) 2,4,6-Trichlorophenol	10.67	196	75110	44.42	ug/kg	91
42) 2,4,5-Trichlorophenol	10.86	196	69862	41.42	ug/kg	86
45) 2-Chloronaphthalene	10.88	162	181621	41.86	ug/kg	93
46) 2-Nitroaniline	11.28	138	69323	36.06	ug/kg	82
47) Dimethylphthalate	11.68	163	226189	40.37	ug/kg	92
48) Acenaphthylene	11.69	152	259637	39.55	ug/kg	96

(#) = qualifier out of range (m) = manual integration
 2S8679.D 0313ABNS.M Mon Jul 18 11:41:57 2011

Quantitation Report (QT Reviewed)

Data File : G:\HPCHEM\2\Data\07142011\2S8679.D
 Acq On : 14 Jul 2011 11:59 am
 Sample : sabn 195 lcs
 Misc : soil (2165-195)
 MS Integration Params: rteint.p
 Quant Time: Jul 18 10:19 2011

Vial: 7
 Operator: sdp
 Inst : GC/MS-5
 Multiplr: 1.00

86

Quant Results File: 0313ABNS.RES

Quant Method : G:\HPCHEM\2\METHODS\0313ABNS.M (RTE Integrator)
 Title : BNA Extractables GC/MS 8270C
 Last Update : Thu Jul 14 10:27:58 2011
 Response via : Initial Calibration
 DataAcq Meth : RUN8270

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
49) 2,6-Dinitrotoluene	11.82	165	56459	41.39	ug/kg	90
50) 3-Nitroaniline	12.18	138	44320	28.57	ug/kg	80
51) Acenaphthene	12.05	153	191940	40.87	ug/kg	94
52) 2,4-Dinitrophenol	12.70	184	11698m	23.87	ug/kg	
53) Dibenzofuran	12.43	168	282641	41.62	ug/kg	98
54) 4-Nitrophenol	13.14	65	34272	30.07	ug/kg#	80
55) 2,4-Dinitrotoluene	12.71	165	87896	42.40	ug/kg	76
57) Fluorene	13.13	166	228614	43.80	ug/kg	93
58) Diethylphthalate	13.14	149	255364	39.53	ug/kg	97
59) 4-Chlorophenyl phenyl ethe	13.21	204	132450	52.58	ug/kg	91
60) 4-Nitroaniline	13.46	138	60008	39.80	ug/kg#	49
62) 4,6-Dinitro-2-methylphenol	13.59	198	22167	18.48	ug/kg	60
63) n-Nitrosodiphenylamine	13.52	169	177183	38.47	ug/kg	97
64) 1,2-Diphenylhydrazine	13.54	77	187348	20.29	ug/kg#	85
66) 4-Bromophenyl-phenyl ether	14.19	248	83312	43.41	ug/kg	92
67) Hexachlorobenzene	14.29	284	94772	41.73	ug/kg	94
69) Pentachlorophenol	14.87	266	24176	31.51	ug/kg	82
70) Phenanthrene	15.08	178	389343	38.92	ug/kg	98
71) Anthracene	15.19	178	412436	40.27	ug/kg	97
72) Carbazole	15.66	167	412403	42.27	ug/kg	95
73) Di-n-butylphthalate	16.52	149	572659	35.08	ug/kg#	99
74) Fluoranthene	17.54	202	517016	44.01	ug/kg	94
76) Benzidine	18.00	184	150895	42.69	ug/kg#	90
77) Pyrene	17.98	202	525472	45.36	ug/kg	91
79) Butylbenzylphthalate	19.19	149	315685	37.05	ug/kg	86
80) Benzo(a)anthracene	19.77	228	484594	42.73	ug/kg	98
81) 3,3'-Dichlorobenzidine	19.79	252	155967	41.62	ug/kg	97
82) Chrysene	19.82	228	451517	40.28	ug/kg	96
83) bis(2-Ethylhexyl)phthalate	19.90	149	444847	34.87	ug/kg	99
85) Di-n-octylphthalate	20.54	149	734246	32.59	ug/kg	99
86) Benzo(b)fluoranthene	20.91	252	536231m	38.98	ug/kg	
87) Benzo(k)fluoranthene	20.93	252	478392m	46.48	ug/kg	
88) Benzo(a)pyrene	21.23	252	483336	38.85	ug/kg	93
89) Indeno(1,2,3-cd)pyrene	22.69	276	555911	34.83	ug/kg	94
90) Dibenzo(a,h)anthracene	22.68	278	454409	34.70	ug/kg	94
91) Benzo(g,h,i)perylene	23.10	276	495643	34.64	ug/kg	98

Aqua Pro-Tech Laboratories
Semi-Volatile Method Blank Summary

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Lab File ID: 2S8678.D

Matrix: Soil

Blank:

SVO MBlank #2165

Lab Sample ID: sabn 195 blk
Date Analyzed: 14-Jul-11
Time Acquired: 11:24

This Method Blank applies to the following samples:

Client Sample	Lab Sample ID	Lab File ID	Time Acquired
S1	11070359-001	2S8681.D	13:05
S2	11070359-002	2S8682.D	13:39
S3	11070359-003	2S8683.D	14:14
S4	11070359-004	2S8680.D	12:30
S5	11070359-005	2S8684.D	14:49
S6	11070359-006	2S8685.D	15:24

Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report

89

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

Blank - 2165

Sample Weight 15.0 Grams

Lab Sample ID: Blank - 2165

Lab File ID: 2S8678.D

Extract Volume: 1 mL

Dilution Factor: 1

CAS No.	Compound	Conc ug/kg	Q	MDL	PQL
110-86-1	Pyridine		U	191	333
62-75-9	n-Nitroso-dimethylamine		U	300	333
100-52-7	Benzaldehyde		U	99.3	333
62-53-3	Aniline		U	14.7	333
108-95-2	Phenol		U	14.7	333
111-44-4	bis(2-Chloroethyl)ether		U	20.7	333
95-57-8	2-Chlorophenol		U	14.0	333
541-73-1	1,3-Dichlorobenzene		U	20.0	333
106-46-7	1,4-Dichlorobenzene		U	25.3	333
100-51-6	Benzyl Alcohol		U	462	333
95-50-1	1,2-Dichlorobenzene		U	15.3	333
95-48-7	2-Methylphenol		U	15.3	333
108-60-1	bis(2-Chloroisopropyl)ether		U	16.7	333
98-86-2	Acetophenone		U	88.0	333
1319-77-3	3+4-Methylphenol		U	25.3	333
621-64-7	n-Nitroso-di-n-propylamine		U	29.3	333
67-72-1	Hexachloroethane		U	18.7	333
98-95-3	Nitrobenzene		U	13.3	333
78-59-1	Isophorone		U	14.0	333
88-75-5	2-Nitrophenol		U	142	333
105-67-9	2,4-Dimethylphenol		U	18.7	333
111-91-1	bis(2-Chloroethoxy)methane		U	22.7	333
120-83-2	2,4-Dichlorophenol		U	41.3	333
65-85-0	Benzoic Acid		U	423	333
120-82-1	1,2,4-Trichlorobenzene		U	23.3	333
91-20-3	Naphthalene		U	14.7	333
87-65-0	2,6-Dichlorophenol		U	17.3	333
106-47-8	4-Chloroaniline		U	20.0	333
87-68-3	Hexachlorobutadiene		U	19.3	333
105-60-2	Caprolactam		U	60.7	333
59-50-7	4-Chloro-3-methylphenol		U	23.3	333
91-57-6	2-Methylnaphthalene		U	17.3	333
77-47-4	Hexachlorocyclopentadiene		U	273	667
95-94-3	1,2,4,5-Tetrachlorobenzene		U	17.3	333
88-06-2	2,4,6-Trichlorophenol		U	17.3	333
95-95-4	2,4,5-Trichlorophenol		U	34.0	333
92-52-4	Biphenyl		U	65.3	333
91-58-7	2-Chloronaphthalene		U	13.3	333
88-74-4	2-Nitroaniline		U	7.33	333

Qualifiers : U=Undetected, J=Estimated, B=Also Detected in Blank,
E=Exceeded Calibration - Dilution Required, D=Result of Dilution

Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report

90

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:
Blank - 2165

Sample Weight 15.0 Grams

Lab Sample ID: Blank - 2165
Lab File ID: 2S8678.D

Extract Volume: 1 mL

Dilution Factor: 1

CAS No.	Compound	Conc ug/kg	Q	MDL	PQL
131-11-3	Dimethylphthalate		U	19.3	333
208-96-8	Acenaphthylene		U	10.7	333
606-20-2	2,6-Dinitrotoluene		U	28.0	333
99-09-2	3-Nitroaniline		U	325	333
83-32-9	Acenaphthene		U	13.3	333
51-28-5	2,4-Dinitrophenol		U	26.0	667
132-64-9	Dibenzofuran		U	14.7	333
100-02-7	4-Nitrophenol		U	87.3	667
121-14-2	2,4-Dinitrotoluene		U	26.0	333
58-90-2	2,3,4,6-Tetrachlorophenol		U	434	333
86-73-7	Fluorene		U	10.0	333
84-66-2	Diethylphthalate		U	720	333
7005-72-3	4-Chlorophenyl phenyl ether		U	18.0	333
100-01-6	4-Nitroaniline		U	183	333
534-52-1	4,6-Dinitro-2-methylphenol		U	189	333
86-30-6	n-Nitrosodiphenylamine		U	14.7	333
103-33-3	1,2-Diphenylhydrazine		U	11.3	333
101-55-3	4-Bromophenyl-phenyl ether		U	21.3	333
118-74-1	Hexachlorobenzene		U	30.0	333
1912-24-9	Atrazine		U	54.7	333
87-86-5	Pentachlorophenol		U	141	667
85-01-8	Phenanthrene		U	5.33	333
120-12-7	Anthracene		U	9.33	333
86-74-8	Carbazole		U	20.7	333
84-74-2	Di-n-butylphthalate		U	32.0	333
206-44-0	Fluoranthene		U	16.7	333
92-87-5	Benzidine		U	313	333
129-00-0	Pyrene		U	9.33	333
85-68-7	Butylbenzylphthalate		U	12.7	333
56-55-3	Benzo(a)anthracene		U	11.3	333
91-94-1	3,3'-Dichlorobenzidine		U	175	333
218-01-9	Chrysene		U	13.3	333
117-81-7	bis(2-Ethylhexyl)phthalate	45.6	J	228	333
117-84-0	Di-n-octylphthalate		U	20.7	333
205-99-2	Benzo(b)fluoranthene		U	22.7	333
207-08-9	Benzo(k)fluoranthene		U	18.0	333
50-32-8	Benzo(a)pyrene		U	12.7	333
193-39-5	Indeno(1,2,3-cd)pyrene		U	8.67	333
53-70-3	Dibenzo(a,h)anthracene		U	10.7	333

Qualifiers : U=Undetected, J=Estimated, B=Also Detected in Blank,
E=Exceeded Calibration - Dilution Required, D=Result of Dilution

Aqua Pro-Tech Laboratories
EPA Method 8270 C Analytical Report

91

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Matrix: Soil

Client Sample:

Blank - 2165

Sample Weight 15.0 Grams

Lab Sample ID: Blank - 2165
Lab File ID: 2S8678.D

Extract Volume: 1 mL

Dilution Factor: 1

CAS No.	Compound	Conc ug/kg	Q	MDL	PQL
191-24-2	Benzo(g,h,i)perylene		U	17.3	333

Aqua Pro-Tech Laboratories
 EPA Method 8270 C Analytical Report
 Tentatively Identified Compounds

Client: TERMS ENVIRONMENTAL
 Project: Vet Park
 Matrix: Soil

Client Sample:
 Blank - 2165

Sample Weight 15.0 Grams

Lab Sample ID: Blank - 2165
 Lab File ID: 2S8678.D

Extract Volume: 1 mL

Dilution Factor: 1

CAS No.	Compound	Est. Conc.	Q	RT
	unknown	277	J	20.82

Number of TICs found: 1
 Total Est. Concentration: 277 ug/kg

Quantitation Report (QT Reviewed)

Data File : G:\HPChem\2\Data\07142011\2S8678.D
 Acq On : 14 Jul 2011 11:24 am
 Sample : sabn 195 blk
 Misc : soil (2165-195)
 MS Integration Params: rteint.p
 Quant Time: Jul 18 10:16 2011

Vial: 6
 Operator: sdp
 Inst : GC/MS-5
 Multiplr: 1.00

93

Quant Results File: 0313ABNS.RES

Quant Method : G:\HPCHEM\2\METHODS\0313ABNS.M (RTE Integrator)
 Title : BNA Extractables GC/MS 8270C
 Last Update : Thu Jul 14 10:27:58 2011
 Response via : Initial Calibration
 DataAcq Meth : RUN8270

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.87	152	30027	40.00	ug/kg	0.00
21) Naphthalene-d8	8.41	136	127652	40.00	ug/kg	0.00
38) Acenaphthene-d10	11.99	164	130510	40.00	ug/kg	-0.01
61) Phenanthrene-d10	15.03	188	290997	40.00	ug/kg	-0.01
75) Chrysene-d12	19.79	240	347229	40.00	ug/kg	0.00
84) Perylene-d12	21.32	264	361282	40.00	ug/kg	0.05

System Monitoring Compounds

4) 2-Fluorophenol	3.43	112	40053m	62.33	ug/kg	0.03
Spiked Amount	100.000	Range 52 - 97	Recovery	=	62.33%	
7) Phenol-d6	5.66	99	76340m	64.71	ug/kg	0.02
Spiked Amount	100.000	Range 53 - 100	Recovery	=	64.71%	
22) Nitrobenzene-d5	7.07	82	34888m	26.75	ug/kg	0.01
Spiked Amount	50.000	Range 48 - 101	Recovery	=	53.50%	
43) 2-Fluorobiphenyl	10.72	172	168777	40.37	ug/kg	0.00
Spiked Amount	50.000	Range 51 - 97	Recovery	=	80.74%	
65) 2,4,6-Tribromophenol	13.69	330	72878	93.29	ug/kg	0.00
Spiked Amount	100.000	Range 18 - 131	Recovery	=	93.29%	
78) p-Terphenyl-d14	18.40	244	286046	41.41	ug/kg	0.00
Spiked Amount	50.000	Range 27 - 112	Recovery	=	82.82%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
83) bis(2-Ethylhexyl)phthalate	19.90	149	8549	0.68	ug/kg	97

Quantitation Report

Data File : G:\HPChem\2\Data\07142011\2S8678.D
Acq On : 14 Jul 2011 11:24 am
Sample : sabn 195 blk
Misc : soil (2165-195)
MS Integration Params: rteint.p
Quant Time: Jul 18 10:16 2011

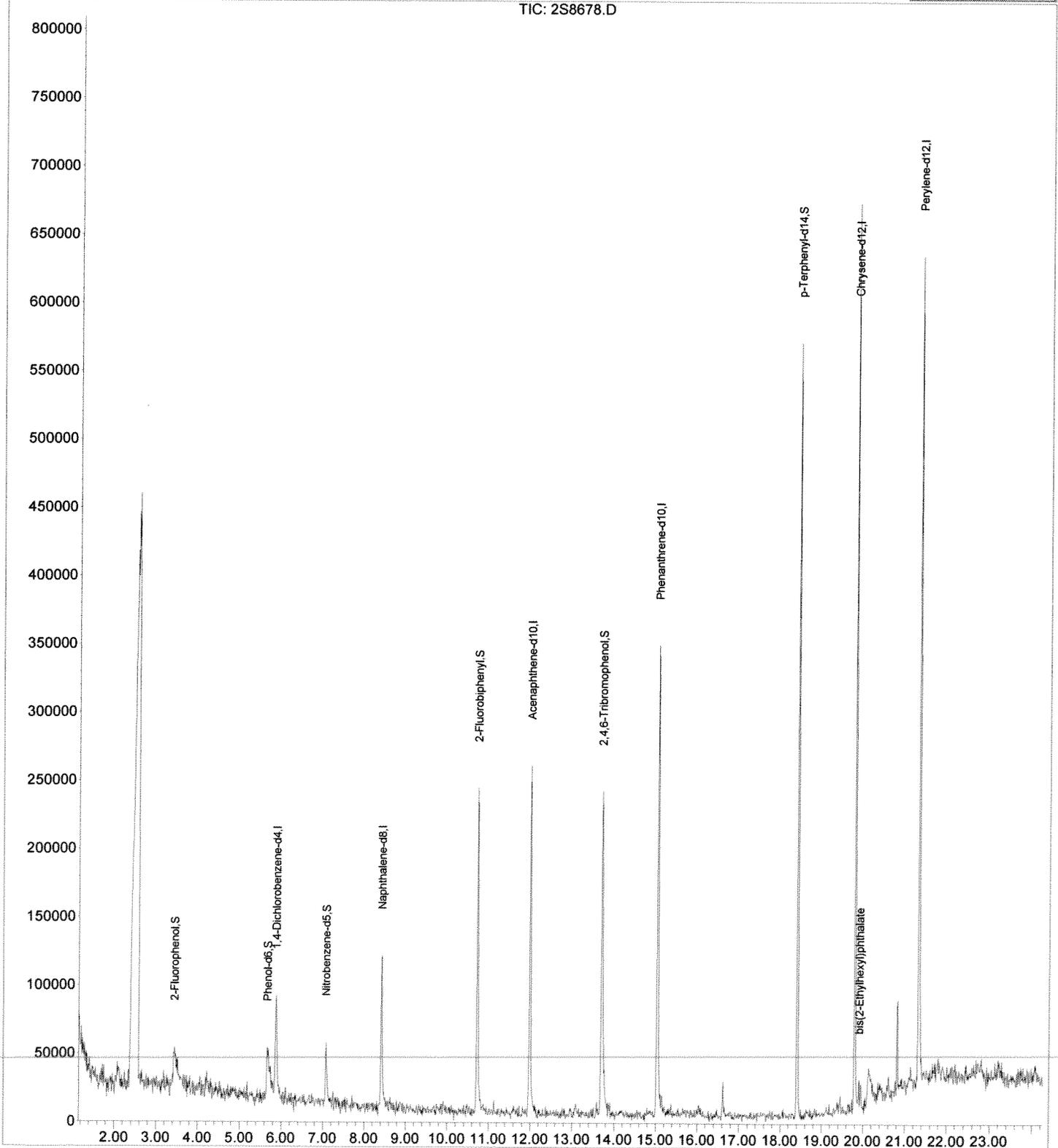
Vial: 6
Operator: sdp
Inst : GC/MS-5
Multiplr: 1.00

94

Quant Results File: 0313ABNS.RES

Method : G:\HPChem\2\Methods\0313ABNS.M (RTE Integrator)
Title : BNA Extractables GC/MS 8270C
Last Update : Thu Jul 14 10:27:58 2011
Response via : Initial Calibration

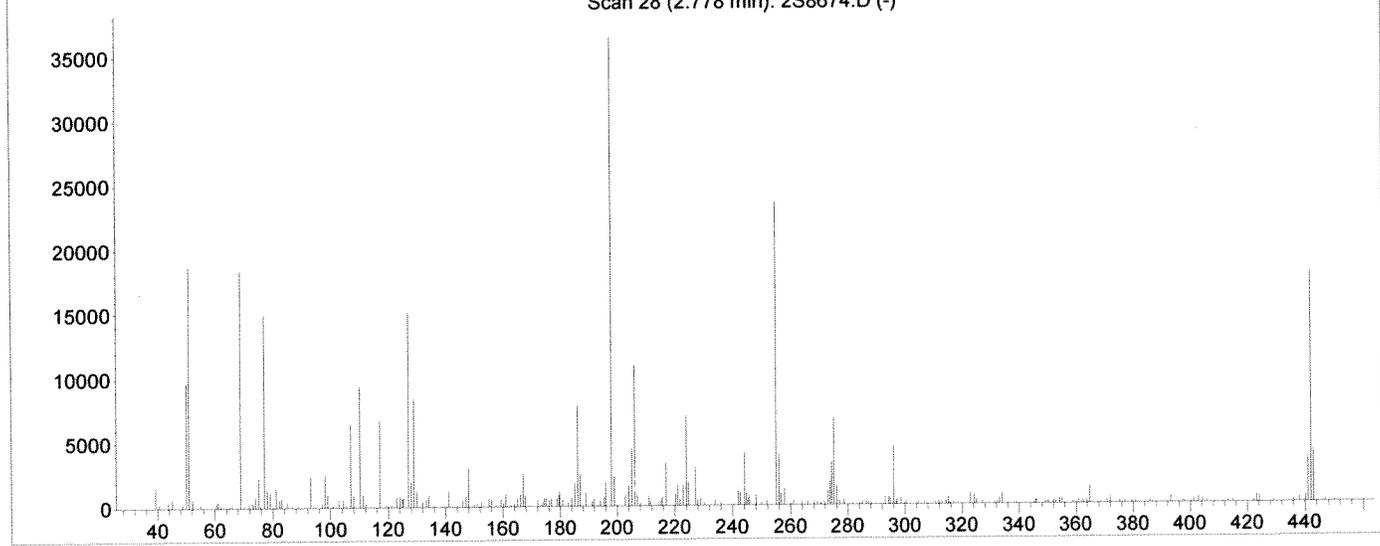
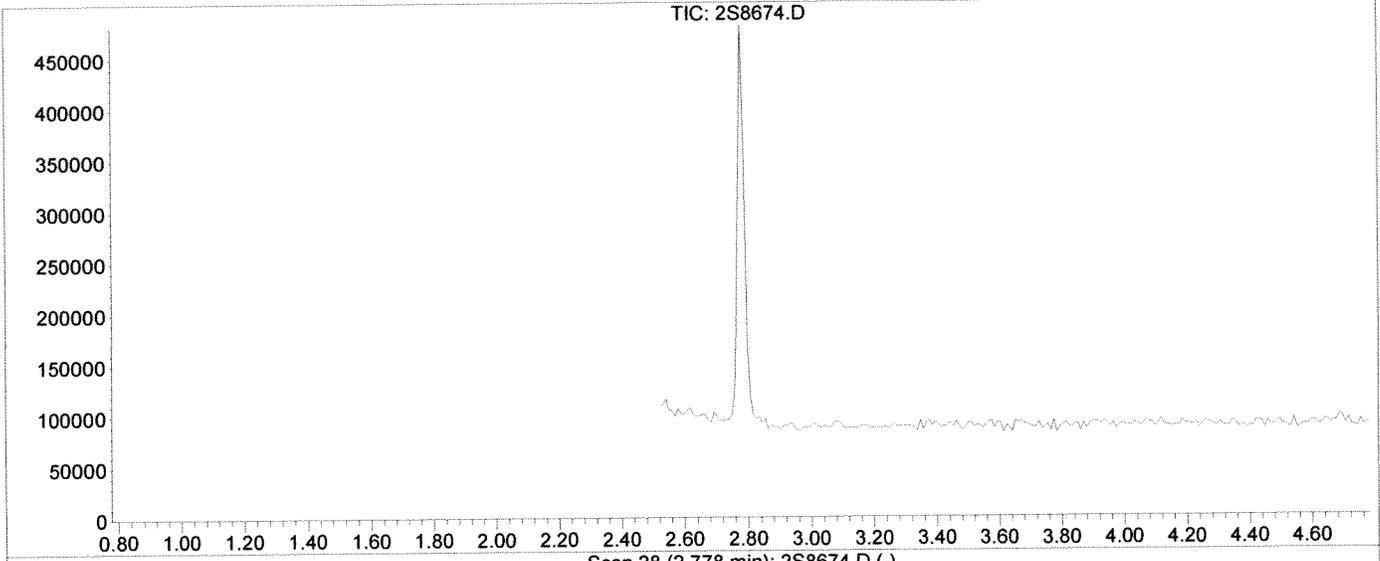
Approved:
18-Jul-2011 11:39



Data File : G:\HPChem\2\Data\07142011\2S8674.D
 Acq On : 14 Jul 2011 9:19 am
 Sample : Dftpp tune
 Misc :
 MS Integration Params: rteint.p
 Method : G:\HPChem\2\Methods\0313ABNS.M (RTE Integrator)
 Title : BNA Extractables GC/MS 8270C

Vial: 2
 Operator: sdp
 Inst : GC/MS-5
 Multiplr: 1.00

Approved:
 14-Jul-2011 12:17

Spectrum Information: Scan 28

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	51.2	18648	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	50.5	18384	PASS
70	69	0.00	2	0.3	60	PASS
127	198	40	60	41.4	15073	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	36426	PASS
199	198	5	9	6.3	2291	PASS
275	198	10	30	18.4	6718	PASS
365	198	1	100	3.5	1262	PASS
441	443	0.01	100	87.6	3502	PASS
442	198	40	100	49.0	17860	PASS
443	442	17	23	22.4	3999	PASS

Aqua Pro-Tech Laboratories
Semi-Volatile Organic Initial Calibration

97

Client: TERMS ENVIRONMENTAL

Project: Vet Park

Calibration Date: 14-Mar-11

Lab File ID: RRF5: 2S7916.D RRF10: 2S7915.D RRF20: 2S7914.D
RRF50: 2S7912.D RRF60: 2S7911.D RRF80: 2S7910.D

* Compounds with required maximum %RSD values. (CC Compounds)

** Compounds with required minimum RRF values. (SPC Compounds)

Compound	RRF5	RRF10	RRF20	RRF50	RRF60	RRF80	Avg RRF	% RSD	Cal Type
n-Nitroso-dimethylamine	0.843	0.974	0.945	1.02	0.986	0.935	0.951	6.42	Average RRF
Pyridine	1.59	1.64	1.46	1.54	1.47	1.40	1.52	5.91	Average RRF
2-Fluorophenol	0.594	0.704	0.830	1.00	1.01	0.999	0.856	20.7	Average RRF
Benzaldehyde	0.831	1.08	1.07	1.12	1.07	0.993	1.03	10.3	Average RRF
Aniline	1.79	1.85	1.83	1.98	1.91	1.82	1.86	3.68	Average RRF
bis(2-Chloroethyl)ether	1.14	1.25	1.18	1.16	1.13	1.06	1.15	5.40	Average RRF
2-Chlorophenol	1.39	1.52	1.49	1.50	1.43	1.37	1.45	4.31	Average RRF
Phenol-d6	1.28	1.54	1.63	1.73	1.65	1.59	1.57	9.84	Average RRF
Phenol *	1.52	1.47	1.52	1.72	1.63	1.54	1.57	5.66	Average RRF
1,3-Dichlorobenzene	1.58	1.69	1.53	1.63	1.57	1.48	1.58	4.64	Average RRF
1,4-Dichlorobenzene *	1.69	1.72	1.88	1.65	1.58	1.56	1.65	3.84	Average RRF
1,2-Dichlorobenzene	1.63	1.68	1.62	1.70	1.59	1.54	1.63	3.41	Average RRF
Benzyl Alcohol	0.281	0.724	0.747	0.853	0.834	0.817	0.709	30.4	Average RRF
bis(2-Chloroisopropyl)ether	2.21	2.30	2.23	2.29	2.30	2.16	2.25	2.55	Average RRF
2-Methylphenol *	1.37	1.40	1.35	1.38	1.32	1.24	1.34	4.41	Average RRF
Acetophenone	2.06	2.14	2.06	2.09	1.98	1.87	2.03	4.68	Average RRF
Hexachloroethane	0.935	0.946	0.864	0.857	0.860	0.780	0.874	6.93	Average RRF
n-Nitroso-di-n-propylamine **	0.721	0.803	0.782	0.861	0.777	0.800	0.791	5.74	Average RRF
Nitrobenzene-d5	0.398	0.422	0.414	0.425	0.398	0.395	0.409	3.26	Average RRF
3+4-Methylphenol *	1.20	1.36	1.36	1.46	1.37	1.30	1.34	6.51	Average RRF
Nitrobenzene	0.577	0.583	0.604	0.579	0.567	0.559	0.578	2.66	Average RRF
Isophorone	0.735	0.767	0.748	0.785	0.753	0.794	0.764	2.97	Average RRF
2-Nitrophenol *	0.197	0.241	0.243	0.263	0.248	0.260	0.242	9.83	Average RRF
2,4-Dimethylphenol	0.439	0.477	0.459	0.475	0.430	0.432	0.452	4.70	Average RRF
bis(2-Chloroethoxy)methane	0.515	0.488	0.505	0.522	0.483	0.473	0.498	3.88	Average RRF
2,4-Dichlorophenol *	0.281	0.345	0.377	0.390	0.376	0.373	0.357	11.2	Average RRF
1,2,4-Trichlorobenzene	0.413	0.422	0.408	0.403	0.390	0.383	0.403	3.60	Average RRF
Naphthalene	1.20	1.13	1.11	1.09	1.00	0.992	1.09	7.22	Average RRF
Benzoic Acid	0.117	0.193	0.165	0.204	0.190	0.190	0.176	18.0	Average RRF
2,6-Dichlorophenol	0.394	0.417	0.410	0.406	0.374	0.368	0.395	5.07	Average RRF
4-Chloroaniline	0.439	0.548	0.552	0.541	0.509	0.488	0.513	8.57	Average RRF
Hexachlorobutadiene *	0.277	0.264	0.270	0.269	0.253	0.256	0.265	3.42	Average RRF
Caprolactam	0.0730	0.101	0.117	0.135	0.134	0.135	0.116	21.6	Average RRF
2-Methylnaphthalene	0.854	0.862	0.812	0.788	0.727	0.713	0.793	7.90	Average RRF
4-Chloro-3-methylphenol *	0.442	0.427	0.457	0.464	0.447	0.432	0.445	3.20	Average RRF
Hexachlorocyclopentadiene **		0.134	0.217	0.305	0.301	0.329	0.257	31.4	Average RRF
1,2,4,5-Tetrachlorobenzene *	0.299	0.354	0.328	0.334	0.323	0.314	0.325	5.72	Average RRF
2,4,6-Trichlorophenol *	0.430	0.478	0.472	0.472	0.452	0.449	0.459	4.01	Average RRF
2-Fluorobiphenyl	1.32	1.46	1.29	1.26	1.21	1.14	1.28	8.42	Average RRF
2,4,5-Trichlorophenol *	0.392	0.483	0.474	0.473	0.476	0.448	0.458	7.50	Average RRF
2-Chloronaphthalene	1.30	1.33	1.21	1.13	1.09	1.01	1.18	10.4	Average RRF
Biphenyl	1.61	1.67	1.49	1.40	1.32	1.22	1.45	12.0	Average RRF
2-Nitroaniline	0.445	0.559	0.520	0.550	0.533	0.524	0.522	7.77	Average RRF

Aqua Pro-Tech Laboratories
Semi-Volatile Organic Initial Calibration

Client: TERMS ENVIRONMENTAL

Project: Vet Park

Calibration Date: 14-Mar-11

Lab File ID: RRF5: 2S7916.D RRF10: 2S7915.D RRF20: 2S7914.D

RRF50: 2S7912.D RRF60: 2S7911.D RRF80: 2S7910.D

* Compounds with required maximum %RSD values. (CC Compounds)

** Compounds with required minimum RRF values. (SPC Compounds)

Compound	RRF5	RRF10	RRF20	RRF50	RRF60	RRF80	Avg RRF	% RSD	Cal Type
Dimethylphthalate	1.62	1.66	1.52	1.52	1.45	1.35	1.52	7.47	Average RRF
Acenaphthylene	1.90	2.05	1.81	1.75	1.65	1.53	1.78	10.3	Average RRF
2,6-Dinitrotoluene	0.337	0.399	0.359	0.385	0.371	0.370	0.370	5.76	Average RRF
Acenaphthene *	1.41	1.40	1.28	1.27	1.16	1.12	1.27	9.44	Average RRF
3-Nitroaniline	0.327	0.444	0.437	0.459	0.434	0.425	0.421	11.3	Average RRF
2,4-Dinitrophenol **	0.225	0.0440	0.139	0.233	0.217	0.248	0.184	42.6	Quadratic
Dibenzofuran	2.00	2.04	1.86	1.85	1.68	1.62	1.84	9.09	Average RRF
2,4-Dinitrotoluene	0.485	0.588	0.562	0.622	0.562	0.557	0.563	8.04	Average RRF
2,3,4,6-Tetrachlorophenol	0.277	0.315	0.319	0.370	0.362	0.343	0.331	10.4	Average RRF
4-Nitrophenol **	0.359	0.210	0.261	0.355	0.333	0.337	0.309	19.5	Average RRF
Diethylphthalate	2.02	1.98	1.76	1.68	1.59	1.49	1.75	12.0	Average RRF
Fluorene	1.58	1.63	1.40	1.38	1.29	1.22	1.42	11.5	Average RRF
4-Chlorophenyl phenyl ether	0.697	0.751	0.662	0.684	0.652	0.655	0.684	5.48	Average RRF
4-Nitroaniline	0.317	0.429	0.385	0.456	0.422	0.446	0.409	12.6	Average RRF
n-Nitrosodiphenylamine *	0.607	0.593	0.596	0.544	0.495	0.442	0.546	12.1	Average RRF
4,6-Dinitro-2-methylphenol	0.0820	0.119	0.151	0.174	0.167	0.161	0.142	24.8	Average RRF
1,2-Diphenylhydrazine	1.19	1.17	1.16	1.09	1.01	0.936	1.09	9.22	Average RRF
2,4,6-Tribromophenol	0.0920	0.0990	0.108	0.114	0.115	0.116	0.107	9.16	Average RRF
4-Bromophenyl-phenyl ether	0.236	0.222	0.224	0.236	0.226	0.221	0.228	2.99	Average RRF
Hexachlorobenzene	0.277	0.269	0.264	0.277	0.266	0.263	0.269	2.33	Average RRF
Atrazine	0.248	0.249	0.261	0.258	0.253	0.262	0.255	2.37	Average RRF
Pentachlorophenol *	0.104	0.0500	0.0760	0.105	0.112	0.128	0.0958	29.3	Quadratic
Phenanthrene	1.34	1.24	1.21	1.17	1.11	1.04	1.19	8.64	Average RRF
Anthracene	1.32	1.27	1.25	1.25	1.14	1.07	1.21	7.66	Average RRF
Carbazole	1.36	1.26	1.18	1.09	1.05	1.00	1.16	11.7	Average RRF
Di-n-butylphthalate	2.16	1.96	1.99	1.94	1.88	1.70	1.94	7.85	Average RRF
Fluoranthene *	1.50	1.50	1.42	1.41	1.30	1.24	1.39	7.57	Average RRF
Benzidine	0.470	0.411	0.395	0.376	0.366	0.373	0.398	9.71	Average RRF
Pyrene	1.35	1.32	1.30	1.33	1.27	1.28	1.31	2.23	Average RRF
p-Terphenyl-d14	0.798	0.772	0.732	0.829	0.789	0.854	0.796	5.38	Average RRF
Butylbenzylphthalate	1.02	1.01	0.939	0.978	0.905	0.911	0.961	5.18	Average RRF
Benzo(a)anthracene	1.46	1.33	1.32	1.25	1.16	1.15	1.28	9.10	Average RRF
3,3'-Dichlorobenzidine	0.530	0.488	0.410	0.388	0.364	0.356	0.423	16.7	Average RRF
Chrysene	1.40	1.27	1.14	1.30	1.24	1.22	1.26	6.91	Average RRF
bis(2-Ethylhexyl)phthalate	1.65	1.54	1.42	1.44	1.33	1.24	1.44	10.2	Average RRF
Di-n-octylphthalate *	2.58	2.43	2.37	1.75	1.63	1.34	2.02	25.1	Average RRF
Benzo(b)fluoranthene	1.29	1.23	1.31	1.36	1.09	1.10	1.23	9.00	Average RRF
Benzo(k)fluoranthene	0.944	0.874	1.19	0.868	0.916	0.741	0.921	15.9	Average RRF
Benzo(a)pyrene *	1.29	1.24	1.16	1.09	0.970	0.930	1.11	13.0	Average RRF
Dibenzo(a,h)anthracene	1.21	1.33	1.21	1.17	1.10	1.02	1.17	9.09	Average RRF
Indeno(1,2,3-cd)pyrene	1.52	1.60	1.46	1.42	1.34	1.23	1.43	9.11	Average RRF
Benzo(g,h,i)perylene	1.33	1.42	1.32	1.28	1.22	1.12	1.28	7.98	Average RRF

Aqua Pro-Tech Laboratories
Semi-Volatile Organic Initial Calibration

Client: TERMS ENVIRONMENTAL

Project: Vet Park

Calibration Date: 14-Mar-11

Lab File ID: RRF5: 2S7916.D RRF10: 2S7915.D RRF20: 2S7914.D
 RRF50: 2S7912.D RRF60: 2S7911.D RRF80: 2S7910.D

* Compounds with required maximum %RSD values. (CC Compounds)

** Compounds with required minimum RRF values. (SPC Compounds)

Compound	RRF5	RRF10	RRF20	RRF50	RRF60	RRF80	Avg RRF	% RSD	Cal Type
----------	------	-------	-------	-------	-------	-------	---------	-------	----------

Average %RSD = 9.60

Aqua Pro-Tech Laboratories
Semi-Volatile Organic Instrument Performance Check (Tune)
DECAFLUOROTRIPHENYLPHOSPHINE(DFTPP)

Client: TERMS ENVIRONMENTAL

DFTPP Injection Date: 14-Mar-11

Project: Vet Park

DFTPP Injection Time: 10:43

Lab File ID: G:\HPCChem\2\Data\03142011\2S7909.D

m/z	Ion Abundance Criteria	% Relative Abundance
51	30.0 - 60.0% of mass 198	48.6
68	0.00 - 2.00% of mass 69	0.00
69	0.00 - 100% of mass 198	61.3
70	0.00 - 2.00% of mass 69	0.300
127	40.0 - 60.0% of mass 198	48.0
197	0.00 - 1.00% of mass 198	0.00
198	100 - 100% of mass 198	100
199	5.00 - 9.00% of mass 198	7.60
275	10.0 - 30.0% of mass 198	23.7
365	1.00 - 100% of mass 198	3.20
441	0.0100 - 100% of mass 443	77.2
442	40.0 - 100% of mass 198	48.2
443	17.0 - 23.0% of mass 442	20.5

This check applies to the following Samples, MS, MSD, Blanks, and Standards

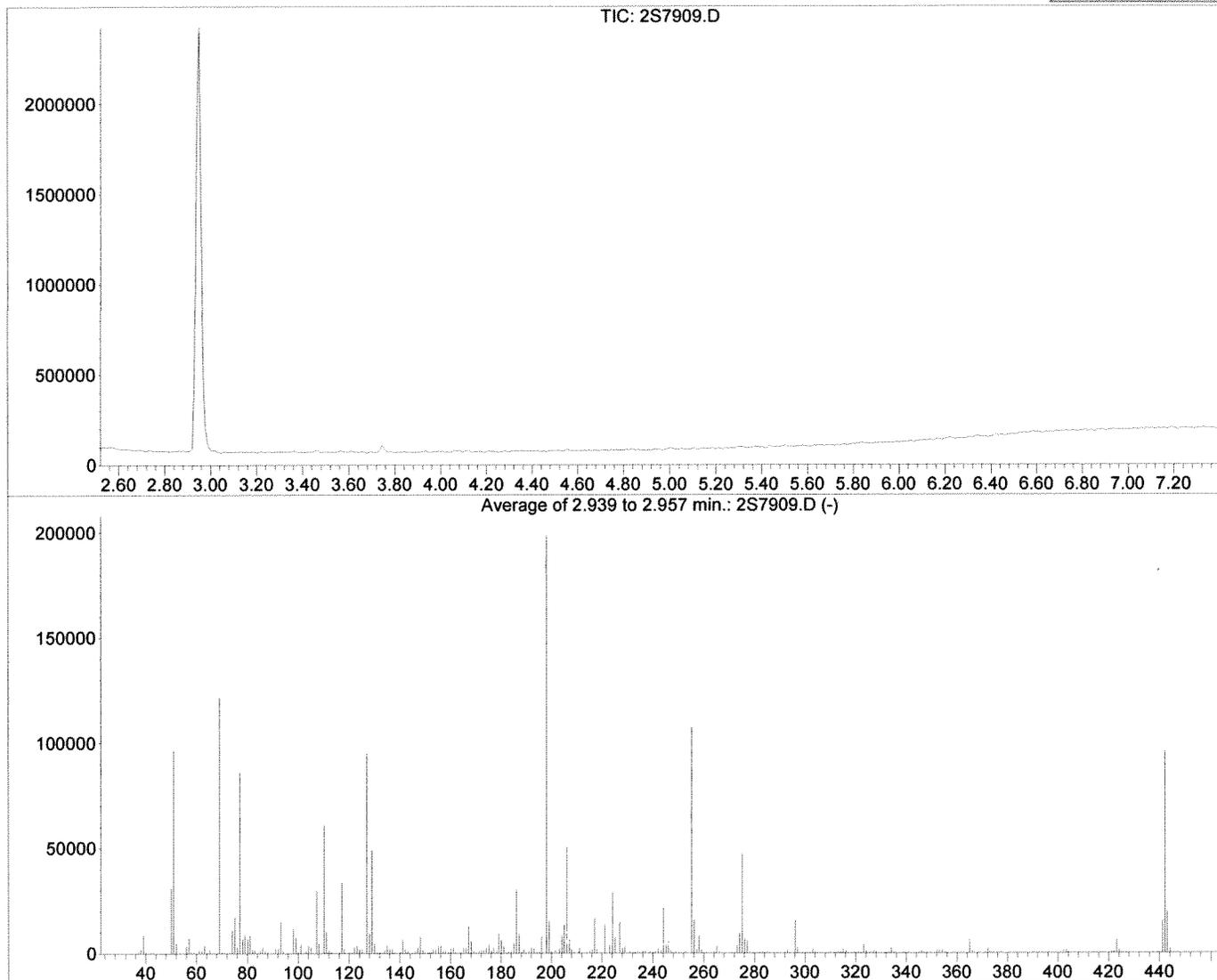
Client Sample	Lab Sample ID	Lab File ID	Date Acquired	Time Acquired
SSTD5	005 ppm ABN ical std	2S7916.D	14-Mar-11	14:19
SSTD10	010 ppm ABN ical std	2S7915.D	14-Mar-11	13:46
SSTD20	020 ppm ABN ical std	2S7914.D	14-Mar-11	13:12
SSTD40	040 ppm ABN ical std	2S7913.D	14-Mar-11	12:39
SSTD50	050 ppm ABN ical std	2S7912.D	14-Mar-11	12:06
SSTD60	060 ppm ABN ical std	2S7911.D	14-Mar-11	11:34
SSTD80	080 ppm ABN ical std	2S7910.D	14-Mar-11	11:00

Data File : G:\HPCHEM\2\Data\03142011\2S7909.D
 Acq On : 14 Mar 2011 10:43 am
 Sample : Dftpp tune
 Misc :
 MS Integration Params: rteint.p
 Method : G:\HPCHEM\2\METHODS\0314ABNS.M (RTE Integrator)
 Title : BNA Extractables GC/MS 8270C

Vial: 1
 Operator: sdp
 Inst : GC/MS-5
 Multiplr: 1.00

101

Approved:
 15-Mar-2011 10:27

Spectrum Information: Average of 2.939 to 2.957 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	48.6	96340	PASS
68	69	0.00	2	0.0	0	PASS
69	198	0.00	100	61.3	121489	PASS
70	69	0.00	2	0.3	395	PASS
127	198	40	60	48.0	95109	PASS
197	198	0.00	1	0.0	0	PASS
198	198	100	100	100.0	198337	PASS
199	198	5	9	7.6	15070	PASS
275	198	10	30	23.7	47088	PASS
365	198	1	100	3.2	6352	PASS
441	443	0.01	100	77.2	15160	PASS
442	198	40	100	48.2	95581	PASS
443	442	17	23	20.5	19640	PASS

Aqua Pro-Tech Laboratories
Semi-Volatile Organics Continuing Calibration Check

Client: TERMS ENVIRONMENTAL
Project: Vet Park

* Compounds with required maximum %RSD values. (CC Compounds)

** Compounds with required minimum RRF values. (SPC Compounds)

Compound	Avg RRF	CCC RRF	Min RRF	RRF %D	Conc	CCC Conc	Conc %D	Max %D	Cal Type
n-Nitroso-dimethylamine	0.951	0.963		1.27	50.0	50.6	1.26		Average RRF
Pyridine	1.52	1.66		9.35	50.0	54.7	9.35		Average RRF
2-Fluorophenol	0.856	0.843		1.56	50.0	49.2	1.55		Average RRF
Benzaldehyde	1.03	0.826		19.7	50.0	40.1	19.7		Average RRF
Aniline	1.86	1.43		23.4	50.0	38.3	23.4		Average RRF
bis(2-Chloroethyl)ether	1.15	1.06		8.33	50.0	45.8	8.34		Average RRF
2-Chlorophenol	1.45	1.42		2.22	50.0	48.9	2.21		Average RRF
Phenol-d6	1.57	1.55		1.31	50.0	49.3	1.31		Average RRF
Phenol*	1.57	1.50	0.0100	4.46	50.0	47.8	4.47	20.0	Average RRF
1,3-Dichlorobenzene	1.58	1.63		3.20	50.0	51.6	3.18		Average RRF
1,4-Dichlorobenzene*	1.65	1.73	0.0100	5.18	50.0	52.6	5.19	20.0	Average RRF
1,2-Dichlorobenzene	1.63	1.76		7.95	50.0	54.0	7.95		Average RRF
Benzyl Alcohol	0.709	0.721		1.64	50.0	50.8	1.64		Average RRF
bis(2-Chloroisopropyl)ether	2.25	2.39		6.26	50.0	53.1	6.26		Average RRF
2-Methylphenol*	1.34	1.29	0.0100	4.12	50.0	47.9	4.13		Average RRF
Acetophenone	2.03	1.72		15.6	50.0	42.2	15.6		Average RRF
Hexachloroethane	0.874	0.741		15.2	50.0	42.4	15.2		Average RRF
n-Nitroso-di-n-propylamine **	0.791	0.822	0.0500	4.00	50.0	52.0	3.99		Average RRF
Nitrobenzene-d5	0.409	0.364		10.9	50.0	44.5	10.9		Average RRF
3+4-Methylphenol*	1.34	1.25	0.0100	6.83	50.0	46.6	6.81		Average RRF
Nitrobenzene	0.578	0.439		24.0	50.0	38.0	24.0		Average RRF
Isophorone	0.764	0.493		35.5	50.0	32.3	35.4		Average RRF
2-Nitrophenol*	0.242	0.233	0.0100	3.55	50.0	48.3	3.44	20.0	Average RRF
2,4-Dimethylphenol	0.452	0.381		15.7	50.0	42.1	15.7		Average RRF
bis(2-Chloroethoxy)methane	0.498	0.373		25.0	50.0	37.5	25.0		Average RRF
2,4-Dichlorophenol*	0.357	0.409	0.0100	14.6	50.0	57.4	14.7	20.0	Average RRF
1,2,4-Trichlorobenzene	0.403	0.532		32.0	50.0	66.0	32.0		Average RRF
Naphthalene	1.09	0.999		8.19	50.0	45.9	8.20		Average RRF
Benzoic Acid	0.176	0.183		3.63	50.0	51.9	3.77		Average RRF
2,6-Dichlorophenol	0.395	0.457		15.6	50.0	57.8	15.7		Average RRF
4-Chloroaniline	0.513	0.483		5.80	50.0	47.1	5.84		Average RRF
Hexachlorobutadiene*	0.265	0.368	0.0100	38.9	50.0	69.4	38.8	20.0	Average RRF
Caprolactam	0.116	0.113		2.36	50.0	48.8	2.32		Average RRF
2-Methylnaphthalene	0.793	0.820		3.44	75.0	77.6	3.44		Average RRF
4-Chloro-3-methylphenol*	0.445	0.440	0.0100	1.06	50.0	49.5	1.06	20.0	Average RRF
Hexachlorocyclopentadiene **	0.257	0.137	0.0500	46.6	50.0	26.7	46.6		Average RRF
1,2,4,5-Tetrachlorobenzene*	0.325	0.351	0.0100	8.01	50.0	54.0	8.03	20.0	Average RRF
2,4,6-Trichlorophenol*	0.459	0.478	0.0100	4.24	50.0	52.1	4.24	20.0	Average RRF
2-Fluorobiphenyl	1.28	1.19		6.95	50.0	46.5	6.95		Average RRF
2,4,5-Trichlorophenol*	0.458	0.409	0.0100	10.6	50.0	44.7	10.6		Average RRF
2-Chloronaphthalene	1.18	0.915		22.3	50.0	38.8	22.3		Average RRF
Biphenyl	1.45	1.11		23.6	50.0	38.2	23.6		Average RRF
2-Nitroaniline	0.522	0.390		25.2	50.0	37.4	25.2		Average RRF
Dimethylphthalate	1.52	1.24		18.3	50.0	40.8	18.3		Average RRF

Aqua Pro-Tech Laboratories
Semi-Volatile Organics Continuing Calibration Check

Client: TERMS ENVIRONMENTAL
Project: Vet Park

* Compounds with required maximum %RSD values. (CC Compounds)

** Compounds with required minimum RRF values. (SPC Compounds)

Compound	Avg RRF	CCC RRF	Min RRF	RRF %D	Conc	CCC Conc	Conc %D	Max %D	Cal Type
Acenaphthylene	1.78	1.81		1.44	50.0	50.7	1.45		Average RRF
2,6-Dinitrotoluene	0.370	0.343		7.34	50.0	46.3	7.33		Average RRF
Acenaphthene*	1.27	1.13	0.0100	11.6	50.0	44.2	11.6	20.0	Average RRF
3-Nitroaniline	0.421	0.358		15.0	50.0	42.5	14.9		Average RRF
2,4-Dinitrophenol **	0.184	0.100	0.0500	45.5	50.0	32.3	35.4		Quadratic
Dibenzofuran	1.84	1.71		7.17	50.0	46.4	7.17		Average RRF
2,4-Dinitrotoluene	0.563	0.535		4.99	50.0	47.5	4.97		Average RRF
2,3,4,6-Tetrachlorophenol	0.331	0.334		0.876	50.0	50.4	0.884		Average RRF
4-Nitrophenol **	0.309	0.303	0.0500	2.12	50.0	48.9	2.17		Average RRF
Diethylphthalate	1.75	1.39		20.4	50.0	39.8	20.4		Average RRF
Fluorene	1.42	1.33		5.95	50.0	47.0	5.96	20.0	Average RRF
4-Chlorophenyl phenyl ether	0.684	0.753		10.2	50.0	55.1	10.1		Average RRF
4-Nitroaniline	0.409	0.402		1.87	50.0	49.1	1.84		Average RRF
n-Nitrosodiphenylamine*	0.546	0.472	0.0100	13.6	50.0	43.2	13.7	20.0	Average RRF
4,6-Dinitro-2-methylphenol	0.142	0.124		13.0	50.0	43.6	12.8		Average RRF
1,2-Diphenylhydrazine	1.09	0.663		39.4	50.0	30.3	39.4		Average RRF
2,4,6-Tribromophenol	0.107	0.115		7.42	50.0	53.7	7.34		Average RRF
4-Bromophenyl-phenyl ether	0.228	0.221		2.73	50.0	48.6	2.78		Average RRF
Hexachlorobenzene	0.269	0.248		7.85	50.0	46.1	7.85		Average RRF
Atrazine	0.255	0.224		12.2	50.0	44.0	12.1		Average RRF
Pentachlorophenol*	0.0958	0.116	0.0100	21.0	50.0	53.8	7.50	20.0	Quadratic
Phenanthrene	1.19	1.05		11.1	50.0	44.5	11.1		Average RRF
Anthracene	1.21	1.09		10.3	50.0	44.9	10.3		Average RRF
Carbazole	1.16	1.26		8.58	50.0	54.3	8.58		Average RRF
Di-n-butylphthalate	1.94	1.44		25.7	50.0	37.2	25.7		Average RRF
Fluoranthene*	1.39	1.37	0.0100	1.34	50.0	49.3	1.33	20.0	Average RRF
Benzidine	0.398	0.258		35.4	50.0	32.3	35.4		Average RRF
Pyrene	1.31	1.53		17.1	50.0	58.6	17.1		Average RRF
p-Terphenyl-d14	0.796	0.923		16.0	50.0	58.0	16.0		Average RRF
Butylbenzylphthalate	0.961	0.845		12.0	50.0	44.0	12.0		Average RRF
Benzo(a)anthracene	1.28	1.24		3.07	50.0	48.5	3.07		Average RRF
3,3'-Dichlorobenzidine	0.423	0.452		6.92	50.0	53.5	6.97		Average RRF
Chrysene	1.26	1.36		7.79	50.0	53.9	7.79		Average RRF
bis(2-Ethylhexyl)phthalate	1.44	1.20		16.5	50.0	41.7	16.5		Average RRF
Di-n-octylphthalate*	2.02	1.63	0.0100	19.2	50.0	40.4	19.2	20.0	Average RRF
Benzo(b)fluoranthene	1.23	1.32		7.25	50.0	53.6	7.24		Average RRF
Benzo(k)fluoranthene	0.921	0.838		9.01	50.0	45.5	9.02		Average RRF
Benzo(a)pyrene*	1.11	1.04	0.0100	6.79	50.0	46.6	6.80	20.0	Average RRF
Dibenzo(a,h)anthracene	1.17	0.963		17.8	50.0	41.1	17.9		Average RRF
Indeno(1,2,3-cd)pyrene	1.43	1.17		18.1	50.0	40.9	18.1		Average RRF
Benzo(g,h,i)perylene	1.28	1.03		19.8	50.0	40.1	19.8		Average RRF

Average Conc %D = 12.3

Quantitation Report (QT Reviewed)

Data File : G:\HPCHEM\2\Data\07142011\2S8675.D
 Acq On : 14 Jul 2011 9:36 am
 Sample : 050 ppm ABN ccv
 Misc : 9p-06-05
 MS Integration Params: rteint.p
 Quant Time: Jul 14 10:12 2011

Vial: 3
 Operator: sdp
 Inst : GC/MS-5
 Multiplr: 1.00

104

Quant Results File: 0313ABNS.RES

Quant Method : G:\HPCHEM\2\METHODS\0313ABNS.M (RTE Integrator)
 Title : BNA Extractables GC/MS 8270C
 Last Update : Tue Jul 05 16:12:13 2011
 Response via : Initial Calibration
 DataAcq Meth : RUN8270

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	33597	40.00	ug/kg	0.00
21) Naphthalene-d8	8.42	136	149843	40.00	ug/kg	0.00
38) Acenaphthene-d10	12.00	164	163258	40.00	ug/kg	0.00
61) Phenanthrene-d10	15.04	188	371443	40.00	ug/kg	0.01
75) Chrysene-d12	19.78	240	349449	40.00	ug/kg	-0.03
84) Perylene-d12	21.28	264	462873	40.00	ug/kg	-0.11

System Monitoring Compounds

4) 2-Fluorophenol	3.40	112	35393m	49.22	ug/kg	0.00
Spiked Amount	100.000	Range 46 - 77	Recovery =	49.22%		
7) Phenol-d6	5.63	99	65136m	49.35	ug/kg	0.02
Spiked Amount	100.000	Range 32 - 60	Recovery =	49.35%		
22) Nitrobenzene-d5	7.06	82	68179m	44.53	ug/kg	0.00
Spiked Amount	50.000	Range 49 - 112	Recovery =	89.06%		
43) 2-Fluorobiphenyl	10.72	172	243309	46.53	ug/kg	0.00
Spiked Amount	50.000	Range 45 - 115	Recovery =	93.06%		
65) 2,4,6-Tribromophenol	13.70	330	53518	53.67	ug/kg	0.01
Spiked Amount	100.000	Range 43 - 126	Recovery =	53.67%		
78) p-Terphenyl-d14	18.41	244	403043	57.98	ug/kg	0.00
Spiked Amount	50.000	Range 50 - 125	Recovery =	115.96%		

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Pyridine	1.16	79	69577m	54.67	ug/kg	
3) n-Nitroso-dimethylamine	1.17	42	40429m	50.63	ug/kg	
5) Benzaldehyde	5.01	77	34682m	40.14	ug/kg	
6) Aniline	5.28	93	59973	38.32	ug/kg	96
8) Phenol	5.66	94	62902m	47.77	ug/kg	
9) bis(2-Chloroethyl)ether	5.49	93	44387m	45.83	ug/kg	
10) 2-Chlorophenol	5.57	128	59523	48.89	ug/kg	93
11) 1,3-Dichlorobenzene	5.72	146	68525	51.59	ug/kg	96
12) 1,4-Dichlorobenzene	5.89	146	72748	52.59	ug/kg	94
13) Benzyl Alcohol	6.41	108	30280m	50.82	ug/kg	
14) 1,2-Dichlorobenzene	6.17	146	73732	53.97	ug/kg	96
15) 2-Methylphenol	6.81	108	54081	47.94	ug/kg	97
16) bis(2-Chloroisopropyl)ethe	6.60	45	100315	53.13	ug/kg#	97
17) Acetophenone	6.79	105	72033	42.20	ug/kg	92
18) 3+4-Methylphenol	7.19	108	52420	46.59	ug/kg#	66
19) n-Nitroso-di-n-propylamine	6.90	70	34532m	51.99	ug/kg	
20) Hexachloroethane	6.80	117	31101	42.38	ug/kg	78
23) Nitrobenzene	7.11	77	82275m	37.98	ug/kg	
24) Isophorone	7.65	82	92330	32.28	ug/kg	99
25) 2-Nitrophenol	7.75	139	43722	48.28	ug/kg	97
26) 2,4-Dimethylphenol	8.12	107	71354	42.15	ug/kg	98
27) bis(2-Chloroethoxy)methane	8.17	93	69896	37.50	ug/kg	97
28) 2,4-Dichlorophenol	8.41	162	76668	57.36	ug/kg	96
29) Benzoic Acid	8.75	105	34263m	51.89	ug/kg	
30) 1,2,4-Trichlorobenzene	8.37	180	99689	65.99	ug/kg	96
31) Naphthalene	8.46	128	187094	45.90	ug/kg	96
32) 2,6-Dichlorophenol	8.75	162	85517	57.83	ug/kg	97
33) 4-Chloroaniline	8.76	127	90480m	47.08	ug/kg	
34) Hexachlorobutadiene	8.77	225	68890	69.42	ug/kg	91
35) Caprolactam	9.70	113	21189	48.84	ug/kg	81
36) 4-Chloro-3-methylphenol	10.07	107	82440m	49.47	ug/kg	
37) 2-Methylnaphthalene	9.90	142	230359	77.58	ug/kg	93
39) Hexachlorocyclopentadiene	10.23	237	28039m	26.68	ug/kg	
40) 1,2,4,5-Tetrachlorobenzene	10.28	216	71716	54.01	ug/kg	98
41) 2,4,6-Trichlorophenol	10.68	196	97609	52.12	ug/kg	91
42) 2,4,5-Trichlorophenol	10.86	196	83505	44.70	ug/kg	89

(#) = qualifier out of range (m) = manual integration
 2S8675.D 0313ABNS.M Thu Jul 14 12:17:39 2011

Quantitation Report (QT Reviewed)

Data File : G:\HPChem\2\Data\07142011\2S8675.D
 Acq On : 14 Jul 2011 9:36 am
 Sample : 050 ppm ABN ccv
 Misc : 9p-06-05
 MS Integration Params: rteint.p
 Quant Time: Jul 14 10:12 2011

Vial: 3
 Operator: sdp
 Inst : GC/MS-5
 Multiplr: 1.00

105

Quant Results File: 0313ABNS.RES

Quant Method : G:\HPCHEM\2\METHODS\0313ABNS.M (RTE Integrator)
 Title : BNA Extractables GC/MS 8270C
 Last Update : Tue Jul 05 16:12:13 2011
 Response via : Initial Calibration
 DataAcq Meth : RUN8270

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
44) Biphenyl	10.90	154	226281	38.22	ug/kg	91
45) 2-Chloronaphthalene	10.88	162	186648	38.85	ug/kg	95
46) 2-Nitroaniline	11.28	138	79631	37.40	ug/kg	82
47) Dimethylphthalate	11.69	163	253490	40.85	ug/kg	90
48) Acenaphthylene	11.69	152	368769m	50.73	ug/kg	
49) 2,6-Dinitrotoluene	11.82	165	69992	46.34	ug/kg	81
50) 3-Nitroaniline	12.17	138	73067m	42.53	ug/kg	
51) Acenaphthene	12.07	153	229808	44.18	ug/kg	96
52) 2,4-Dinitrophenol	12.56	184	20488m	32.32	ug/kg	
53) Dibenzofuran	12.44	168	349032	46.41	ug/kg	97
54) 4-Nitrophenol	13.15	65	61747m	48.92	ug/kg	
55) 2,4-Dinitrotoluene	12.70	165	109100	47.52	ug/kg	72
56) 2,3,4,6-Tetrachlorophenol	12.88	232	68138	50.44	ug/kg	87
57) Fluorene	13.13	166	271778	47.02	ug/kg	96
58) Diethylphthalate	13.15	149	284588	39.78	ug/kg	96
59) 4-Chlorophenyl phenyl ethe	13.22	204	153638	55.07	ug/kg	89
60) 4-Nitroaniline	13.47	138	81945m	49.08	ug/kg	
62) 4,6-Dinitro-2-methylphenol	13.58	198	57550m	43.58	ug/kg	
63) n-Nitrosodiphenylamine	13.52	169	218989	43.17	ug/kg	97
64) 1,2-Diphenylhydrazine	13.54	77	307937m	30.29	ug/kg	
66) 4-Bromophenyl-phenyl ether	14.20	248	102732	48.61	ug/kg	90
67) Hexachlorobenzene	14.29	284	115241	46.07	ug/kg	96
68) Atrazine	14.79	200	104069	43.97	ug/kg	80
69) Pentachlorophenol	14.87	266	53880m	53.75	ug/kg	
70) Phenanthrene	15.09	178	489815	44.47	ug/kg	99
71) Anthracene	15.20	178	506050	44.87	ug/kg	97
72) Carbazole	15.67	167	583292m	54.29	ug/kg	
73) Di-n-butylphthalate	16.52	149	668007	37.16	ug/kg#	99
74) Fluoranthene	17.54	202	638232	49.34	ug/kg	91
76) Benzidine	18.01	184	112527m	32.32	ug/kg	
77) Pyrene	17.99	202	668305	58.57	ug/kg	89
79) Butylbenzylphthalate	19.18	149	369299	44.00	ug/kg	84
80) Benzo(a)anthracene	19.77	228	541320	48.46	ug/kg	97
81) 3,3'-Dichlorobenzidine	19.78	252	197400	53.48	ug/kg	93
82) Chrysene	19.81	228	595064	53.89	ug/kg	97
83) bis(2-Ethylhexyl)phthalate	19.89	149	524534	41.74	ug/kg	98
85) Di-n-octylphthalate	20.53	149	942470m	40.39	ug/kg	
86) Benzo(b)fluoranthene	20.90	252	764064m	53.62	ug/kg	
87) Benzo(k)fluoranthene	20.92	252	485029m	45.49	ug/kg	
88) Benzo(a)pyrene	21.22	252	600539	46.60	ug/kg	92
89) Indeno(1,2,3-cd)pyrene	22.68	276	676826	40.94	ug/kg	92
90) Dibenzo(a,h)anthracene	22.67	278	557105	41.07	ug/kg	93
91) Benzo(g,h,i)perylene	23.09	276	594347	40.10	ug/kg	98

Aqua Pro-Tech Laboratories
Semi-Volatile Internal Standard Area and RT Summary

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Lab File ID (Standard): 2S8675.D

Date Acquired: 14-Jul-11
Time Acquired: 9:36

IS1= 1,4-Dichlorobenzene-d4
IS2= Naphthalene-d8
IS3= Acenaphthene-d10

Area Upper Limit=+100% of Internal Standard Area
Area Lower Limit=-50% of Internal Standard Area
RT Upper Limit=+0.50 minutes of Internal Standard RT
RT Lower Limit=-0.50 minutes of Internal Standard RT

* Denotes values outside of method required QC limits

	IS1 Area	RT	IS2 Area	RT	IS3 Area	RT
12 Hour Std.	33597	5.86	149843	8.42	163258	12
Upper Limit	67194	6.36	299686	8.92	326516	12.5
Lower Limit	16798	5.36	74922	7.92	81629	11.5
Client Sample						
Blank - 2165	30027	5.87	127652	8.41	130510	11.99
S1	40904	5.86	168100	8.41	163795	11.99
S2	44478	5.86	178660	8.41	169540	11.99
S3	42705	5.87	182868	8.42	166391	11.99
S4	29265	5.85	128335	8.42	132012	11.99
S5	42264	5.86	171390	8.41	156987	11.98
S6	41066	5.87	167887	8.41	161889	11.99

Aqua Pro-Tech Laboratories
Semi-Volatile Internal Standard Area and RT Summary

Client: TERMS ENVIRONMENTAL
Project: Vet Park
Lab File ID (Standard): 2S8675.D

Date Acquired: 14-Jul-11
Time Acquired: 9:36

IS4= Phenanthrene-d10
IS5= Chrysene-d12
IS6= Perylene-d12

Area Upper Limit=+100% of Internal Standard Area
Area Lower Limit=-50% of Internal Standard Area
RT Upper Limit=+0.50 minutes of Internal Standard RT
RT Lower Limit=-0.50 minutes of Internal Standard RT

* Denotes values outside of method required QC limits

	IS4 Area	RT	IS5 Area	RT	IS6 Area	RT
12 Hour Std.	371443	15.04	349449	19.78	462873	21.28
Upper Limit	742886	15.54	698898	20.28	925746	21.78
Lower Limit	185722	14.54	174724	19.28	231436	20.78
Client Sample						
Blank - 2165	290997	15.03	347229	19.79	361282	21.32
S1	366416	15.03	432014	19.81	481148	21.36
S2	387181	15.03	430881	19.8	478811	21.35
S3	378028	15.04	447742	19.78	471100	21.28
S4	316292	15.03	368004	19.79	407459	21.3
S5	361300	15.03	404977	19.78	451202	21.28
S6	360520	15.04	415640	19.75	478417	21.18