



United States Environmental Protection Agency
Office of Environmental Measurement & Evaluation
11 Technology Drive
North Chelmsford, MA 01863-2431

Laboratory Report

May 06, 2011

Ted Bzenas - Mail Code OSRR02-2
US EPA New England R1

Project Number: 11040090
Project: A & J Floral - Benton, ME
Analysis: BNAs in Soils Medium Level
Analyst: Dan Boudreau 5/6/11
DB

Analytical Procedure:

All samples were received and logged in by the laboratory according to the USEPA New England Laboratory SOP for Sample Log-in.

Sample preparation and analysis was done following the EPA Region I SOP, EIASOP-BNAS3.

Samples were prepared using pressurized fluid extraction. The samples were analyzed using high resolution capillary column chromatography and quadrapole mass spectrometry (GC/MS). The SOP for this analysis is based on US EPA SW-846 methods 3545A and 8270C and EIASOP-BNAGCMS7.

Date Samples Received by the Laboratory: 04/28/2011

Data were reviewed in accordance with the internal verification procedures described in the EPA New England OEME Chemistry QA Plan.

Results relate only to the items tested or to the samples as received by the Laboratory. This analytical report shall not be reproduced except in full, without written approval of the laboratory.

Report may contain multiple sections and each section will be numbered independently.

If you have any questions please call me at 617-918-8340 .

Sincerely,

 5/6/11
Daniel N. Boudreau
Chemistry Team Leader

Qualifiers:

RL = Reporting limit

ND = Not Detected above Reporting limit

NA = Not Applicable due to high sample dilutions or sample interferences

NC = Not calculated since analyte concentration is ND.

J = Estimated value

E = Estimated value exceeds the calibration range

L = Estimated value is below the calibration range

B = Analyte is associated with the lab blank or trip blank contamination. Values are qualified when the observed concentration of the contamination in the sample extract is less than 5 times the concentration in the blank.

R = No recovery was calculated since the analyte concentration is greater than four times the spike level.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID: D30176
Date of Collection: 4/26/2011
Date of Extraction: 5/2/11
Date of Analysis: 5/3/11
Dry Weight Extracted: 6.79 grams
Wet Weight Extracted: 10.258 grams
Final Volume: 1 mL

Lab Sample ID: AB16941
Matrix: Soil
Volume Extracted: N/A
Percent Solids: 66%
Extract Dilution: 1
pH: N/A
GPC Factor: N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	370	
120-82-1	1,2,4-Trichlorobenzene	ND	370	
95-50-1	1,2-Dichlorobenzene	ND	370	
541-73-1	1,3-Dichlorobenzene	ND	370	
99-65-0	1,3-Dinitrobenzene	ND	370	
106-46-7	1,4-Dichlorobenzene	ND	370	
130-15-4	1,4-Naphthoquinone	ND	740	
90-12-0	1-Methylnaphthalene	ND	370	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	370	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	370	
95-95-4	2,4,5-Trichlorophenol	ND	370	
88-06-2	2,4,6-Trichlorophenol	ND	370	
120-83-2	2,4-Dichlorophenol	ND	370	
51-28-5	2,4-Dinitrophenol	ND	1500	
121-14-2	2,4-Dinitrotoluene	ND	370	
105-67-9	2,4-dimethylphenol	ND	370	
87-65-0	2,6-Dichlorophenol	ND	370	
606-20-2	2,6-Dinitrotoluene	ND	370	
91-58-7	2-Chloronaphthalene	ND	370	
95-57-8	2-Chlorophenol	ND	370	
91-57-6	2-Methylnaphthalene	ND	370	
95-48-7	2-Methylphenol	ND	370	
88-74-4	2-Nitroaniline	ND	370	
88-75-5	2-Nitrophenol	ND	370	
108-39-4/106-44-	3&4-Methylphenol	ND	740	
91-94-1	3,3'-Dichlorobenzidine	ND	370	
56-49-5	3-Methylcholanthrene	ND	740	
99-09-2	3-Nitroaniline	ND	370	
534-52-1	4,6-Dinitro-2-methylphenol	ND	740	
101-55-3	4-Bromophenyl-phenylether	ND	370	
59-50-7	4-Chloro-3-methylphenol	ND	370	
106-47-8	4-Chloroaniline	ND	370	
7005-72-3	4-Chlorophenyl-phenylether	ND	370	
100-01-6	4-Nitroaniline	ND	370	
100-02-7	4-Nitrophenol	ND	370	
56-57-5	4-nitroquinoline-1-oxide	ND	2900	
83-32-9	Acenaphthene	ND	370	
208-96-8	Acenaphthylene	ND	370	
98-86-2	Acetophenone	ND	370	
62-53-3	Aniline	ND	370	
120-12-7	Anthracene	ND	370	

140-57-8	Aramite	ND	740
103-33-3	Azobenzene	ND	370
92-87-5	Benzidine	ND	370
56-55-3	Benzo(a)anthracene	ND	370
50-32-8	Benzo(a)pyrene	ND	370
205-99-2	Benzo(b)fluoranthene	ND	370
191-24-2	Benzo(g,h,i)perylene	ND	370
207-08-9	Benzo(k)fluoranthene	ND	370
65-85-0	Benzoic acid	ND	740
100-51-6	Benzyl alcohol	ND	370
111-44-4	Bis(2-Chloroethyl)ether	ND	370
117-81-7	Bis(2-ethylhexyl)phthalate	ND	370
85-68-7	Butylbenzylphthalate	ND	370
86-74-8	Carbazole	ND	370
510-15-6	Chlorobenzilate	ND	370
218-01-9	Chrysene	ND	370
84-74-2	Di-n-butylphthalate	410	370
117-84-0	Di-n-octyl phthalate	ND	740
53-70-3	Dibenz(a,h)anthracene	ND	370
132-64-9	Dibenzofuran	ND	370
84-66-2	Diethylphthalate	ND	370
131-11-3	Dimethyl phthalate	ND	370
88-85-7	Dinoseb	ND	740
62-50-0	Ethyl methanesulfonate	ND	370
206-44-0	Fluoranthene	ND	370
86-73-7	Fluorene	ND	370
118-74-1	Hexachlorobenzene	ND	370
87-68-3	Hexachlorobutadiene	ND	370
77-47-4	Hexachlorocyclopentadiene	ND	370
67-72-1	Hexachloroethane	ND	370
1888-71-7	Hexachloropropene	ND	370
193-39-5	Indeno(1,2,3-cd)pyrene	ND	370
465-73-6	Isodrin	ND	370
78-59-1	Isophorone	ND	370
120-58-1	Isosafrole	ND	370
143-50-0	Kepone	ND	740
66-27-3	Methyl methanesulfonate	ND	370
86-30-6	N-Nitrosodiphenylamine	ND	370
621-64-7	N-nitroso-di-n-propylamine	ND	370
62-75-9	N-nitrosodimethylamine	ND	370
91-20-3	Naphthalene	ND	370
98-95-3	Nitrobenzene	ND	370
608-93-5	Pentachlorobenzene	ND	370
82-68-8	Pentachloronitrobenzene	ND	370
87-86-5	Pentachlorophenol	ND	740
62-44-2	Phenacetin	ND	370
85-01-8	Phenanthrene	ND	370
108-95-2	Phenol	ND	370
129-00-0	Pyrene	ND	370
110-86-1	Pyridine	ND	370
94-59-7	Safrole	ND	370
111-91-1	bis(-2-Chloroethoxy)methane	ND	370

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	63	24 - 110
Phenol-d6 (SS2)	63	25 - 113
Nitrobenzene-d5 (SS3)	60	25 - 111
2,4,6-Tribromophenol (SS5)	73	15 - 130
p-Terphenyl-d14 (SS6)	65	24 - 122
2-Fluorobiphenyl (SS4)	60	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID:	D30177	Lab Sample ID:	AB16942
Date of Collection:	4/26/2011	Matrix	Soil
Date of Extraction:	5/2/11	Volume Extracted:	1 mL
Date of Analysis:	5/3/11	Percent Solids:	80%
Dry Weight Extracted:	8.078 grams	Extract Dilution:	1
Wet Weight Extracted:	10.142 grams	pH:	N/A
Final Volume:	N/A	GPC Factor	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	310	
120-82-1	1,2,4-Trichlorobenzene	ND	310	
95-50-1	1,2-Dichlorobenzene	ND	310	
541-73-1	1,3-Dichlorobenzene	ND	310	
99-65-0	1,3-Dinitrobenzene	ND	310	
106-46-7	1,4-Dichlorobenzene	ND	310	
130-15-4	1,4-Naphthoquinone	ND	620	
90-12-0	1-Methylnaphthalene	10000	310	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	310	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	310	
95-95-4	2,4,5-Trichlorophenol	ND	310	
88-06-2	2,4,6-Trichlorophenol	ND	310	
120-83-2	2,4-Dichlorophenol	ND	310	
51-28-5	2,4-Dinitrophenol	ND	1200	
121-14-2	2,4-Dinitrotoluene	ND	310	
105-67-9	2,4-dimethylphenol	ND	310	
87-65-0	2,6-Dichlorophenol	ND	310	
606-20-2	2,6-Dinitrotoluene	ND	310	
91-58-7	2-Chloronaphthalene	ND	310	
95-57-8	2-Chlorophenol	ND	310	
91-57-6	2-Methylnaphthalene	17000	1500	
95-48-7	2-Methylphenol	ND	310	
88-74-4	2-Nitroaniline	ND	310	
88-75-5	2-Nitrophenol	ND	310	
108-39-4/106-44-	3&4-Methylphenol	ND	620	
91-94-1	3,3'-Dichlorobenzidine	ND	310	
56-49-5	3-Methylcholanthrene	ND	620	
99-09-2	3-Nitroaniline	ND	310	
534-52-1	4,6-Dinitro-2-methylphenol	ND	620	
101-55-3	4-Bromophenyl-phenylether	ND	310	
59-50-7	4-Chloro-3-methylphenol	ND	310	
106-47-8	4-Chloroaniline	ND	310	
7005-72-3	4-Chlorophenyl-phenylether	ND	310	
100-01-6	4-Nitroaniline	ND	310	
100-02-7	4-Nitrophenol	ND	310	
56-57-5	4-nitroquinoline-1-oxide	ND	2500	
83-32-9	Acenaphthene	ND	310	
208-96-8	Acenaphthylene	ND	310	
98-86-2	Acetophenone	ND	310	
62-53-3	Aniline	ND	310	
120-12-7	Anthracene	330	310	

140-57-8	Aramite	ND	620
103-33-3	Azobenzene	ND	310
92-87-5	Benzidine	ND	310
56-55-3	Benzo(a)anthracene	770	310
50-32-8	Benzo(a)pyrene	410	310
205-99-2	Benzo(b)fluoranthene	390	310
191-24-2	Benzo(g,h,i)perylene	420	310
207-08-9	Benzo(k)fluoranthene	ND	310
65-85-0	Benzoic acid	ND	620
100-51-6	Benzyl alcohol	ND	310
111-44-4	Bis(2-Chloroethyl)ether	ND	310
117-81-7	Bis(2-ethylhexyl)phthalate	ND	310
85-68-7	Butylbenzylphthalate	ND	310
86-74-8	Carbazole	ND	310
510-15-6	Chlorobenzilate	ND	310
218-01-9	Chrysene	980	310
84-74-2	Di-n-butylphthalate	650	310
117-84-0	Di-n-octyl phthalate	ND	620
53-70-3	Dibenz(a,h)anthracene	ND	310
132-64-9	Dibenzofuran	3400	310
84-66-2	Diethylphthalate	ND	310
131-11-3	Dimethyl phthalate	ND	310
88-85-7	Dinoseb	ND	620
62-50-0	Ethyl methanesulfonate	ND	310
206-44-0	Fluoranthene	770	310
86-73-7	Fluorene	330	310
118-74-1	Hexachlorobenzene	ND	310
87-68-3	Hexachlorobutadiene	ND	310
77-47-4	Hexachlorocyclopentadiene	ND	310
67-72-1	Hexachloroethane	ND	310
1888-71-7	Hexachloropropene	ND	310
193-39-5	Indeno(1,2,3-cd)pyrene	ND	310
465-73-6	Isodrin	ND	310
78-59-1	Isophorone	ND	310
120-58-1	Isosafrole	ND	310
143-50-0	Kepone	ND	620
66-27-3	Methyl methanesulfonate	ND	310
86-30-6	N-Nitrosodiphenylamine	ND	310
621-64-7	N-nitroso-di-n-propylamine	ND	310
62-75-9	N-nitrosodimethylamine	ND	310
91-20-3	Naphthalene	10000	310
98-95-3	Nitrobenzene	ND	310
608-93-5	Pentachlorobenzene	ND	310
82-68-8	Pentachloronitrobenzene	ND	310
87-86-5	Pentachlorophenol	ND	620
62-44-2	Phenacetin	ND	310
85-01-8	Phenanthrene	6400	310
108-95-2	Phenol	ND	310
129-00-0	Pyrene	910	310
110-86-1	Pyridine	ND	310
94-59-7	Safrole	ND	310
111-91-1	bis(-2-Chloroethoxy)methane	ND	310

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	78	24 - 110
Phenol-d6 (SS2)	78	25 - 113
Nitrobenzene-d5 (SS3)	80	25 - 111
2,4,6-Tribromophenol (SS5)	98	15 - 130
p-Terphenyl-d14 (SS6)	80	24 - 122
2-Fluorobiphenyl (SS4)	75	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

2-methylnaphthalene is reported from a 5x dilution.

Tentatively Identified non-Target Compounds

1,4-dimethyl-naphthalene	7600	ppb	J
1,4,5,8-tetramethylnaphthalene	8000	ppb	J
1-methyl-7-(1-methylethyl)-pceanthrene	8100	ppb	J

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID: D30178
Date of Collection: 4/26/2011
Date of Extraction: 5/2/11
Date of Analysis: 5/3/11
Dry Weight Extracted: 7.987 grams
Wet Weight Extracted: 10.143 grams
Final Volume: 1 mL

Lab Sample ID: AB16943
Matrix: Soil
Volume Extracted: N/A
Percent Solids: 79%
Extract Dilution: 1
pH: N/A
GPC Factor: N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	310	
120-82-1	1,2,4-Trichlorobenzene	ND	310	
95-50-1	1,2-Dichlorobenzene	ND	310	
541-73-1	1,3-Dichlorobenzene	ND	310	
99-65-0	1,3-Dinitrobenzene	ND	310	
106-46-7	1,4-Dichlorobenzene	ND	310	
130-15-4	1,4-Naphthoquinone	ND	630	
90-12-0	1-Methylnaphthalene	4800	310	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	310	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	310	
95-95-4	2,4,5-Trichlorophenol	ND	310	
88-06-2	2,4,6-Trichlorophenol	ND	310	
120-83-2	2,4-Dichlorophenol	ND	310	
51-28-5	2,4-Dinitrophenol	ND	1300	
121-14-2	2,4-Dinitrotoluene	ND	310	
105-67-9	2,4-dimethylphenol	ND	310	
87-65-0	2,6-Dichlorophenol	ND	310	
606-20-2	2,6-Dinitrotoluene	ND	310	
91-58-7	2-Chloronaphthalene	ND	310	
95-57-8	2-Chlorophenol	ND	310	
91-57-6	2-Methylnaphthalene	8800	310	
95-48-7	2-Methylphenol	ND	310	
88-74-4	2-Nitroaniline	ND	310	
88-75-5	2-Nitrophenol	ND	310	
108-39-4/106-44-	3&4-Methylphenol	ND	630	
91-94-1	3,3'-Dichlorobenzidine	ND	310	
56-49-5	3-Methylcholanthrene	ND	630	
99-09-2	3-Nitroaniline	ND	310	
534-52-1	4,6-Dinitro-2-methylphenol	ND	630	
101-55-3	4-Bromophenyl-phenylether	ND	310	
59-50-7	4-Chloro-3-methylphenol	ND	310	
106-47-8	4-Chloroaniline	ND	310	
7005-72-3	4-Chlorophenyl-phenylether	ND	310	
100-01-6	4-Nitroaniline	ND	310	
100-02-7	4-Nitrophenol	ND	310	
56-57-5	4-nitroquinoline-1-oxide	ND	2500	
83-32-9	Acenaphthene	ND	310	
208-96-8	Acenaphthylene	ND	310	
98-86-2	Acetophenone	ND	310	
62-53-3	Aniline	ND	310	
120-12-7	Anthracene	460	310	

140-57-8	Aramite	ND	630
103-33-3	Azobenzene	ND	310
92-87-5	Benzidine	ND	310
56-55-3	Benzo(a)anthracene	950	310
50-32-8	Benzo(a)pyrene	730	310
205-99-2	Benzo(b)fluoranthene	850	310
191-24-2	Benzo(g,h,i)perylene	600	310
207-08-9	Benzo(k)fluoranthene	570	310
65-85-0	Benzoic acid	ND	630
100-51-6	Benzyl alcohol	ND	310
111-44-4	Bis(2-Chloroethyl)ether	ND	310
117-81-7	Bis(2-ethylhexyl)phthalate	ND	310
85-68-7	Butylbenzylphthalate	ND	310
86-74-8	Carbazole	ND	310
510-15-6	Chlorobenzilate	ND	310
218-01-9	Chrysene	1000	310
84-74-2	Di-n-butylphthalate	ND	310
117-84-0	Di-n-octyl phthalate	ND	630
53-70-3	Dibenz(a,h)anthracene	ND	310
132-64-9	Dibenzofuran	1500	310
84-66-2	Diethylphthalate	ND	310
131-11-3	Dimethyl phthalate	ND	310
88-85-7	Dinoseb	ND	630
62-50-0	Ethyl methanesulfonate	ND	310
206-44-0	Fluoranthene	1600	310
86-73-7	Fluorene	320	310
118-74-1	Hexachlorobenzene	ND	310
87-68-3	Hexachlorobutadiene	ND	310
77-47-4	Hexachlorocyclopentadiene	ND	310
67-72-1	Hexachloroethane	ND	310
1888-71-7	Hexachloropropene	ND	310
193-39-5	Indeno(1,2,3-cd)pyrene	ND	310
465-73-6	Isodrin	ND	310
78-59-1	Isophorone	ND	310
120-58-1	Isosafrole	ND	310
143-50-0	Kepone	ND	630
66-27-3	Methyl methanesulfonate	ND	310
86-30-6	N-Nitrosodiphenylamine	ND	310
621-64-7	N-nitroso-di-n-propylamine	ND	310
62-75-9	N-nitrosodimethylamine	ND	310
91-20-3	Naphthalene	5700	310
98-95-3	Nitrobenzene	ND	310
608-93-5	Pentachlorobenzene	ND	310
82-68-8	Pentachloronitrobenzene	ND	310
87-86-5	Pentachlorophenol	ND	630
62-44-2	Phenacetin	ND	310
85-01-8	Phenanthrene	3900	310
108-95-2	Phenol	ND	310
129-00-0	Pyrene	1500	310
110-86-1	Pyridine	ND	310
94-59-7	Safrole	ND	310
111-91-1	bis(-2-Chloroethoxy)methane	ND	310

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	73	24 - 110
Phenol-d6 (SS2)	73	25 - 113
Nitrobenzene-d5 (SS3)	70	25 - 111
2,4,6-Tribromophenol (SS5)	93	15 - 130
p-Terphenyl-d14 (SS6)	80	24 - 122
2-Fluorobiphenyl (SS4)	75	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

Tentatively Identified non-Target Compounds

1,2,3-trimethylbenzene	3600	ppb	J
2,7-dimethyl-naphthalene	3600	ppb	J
1,4-dimethy-naphthalene	3300	ppb	J
1,4,5,8-tetramethylnaphthalene	3800	ppb	J

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID:	D30179	Lab Sample ID:	AB16944
Date of Collection:	4/26/2011	Matrix	Soil
Date of Extraction:	5/2/11	Volume Extracted:	N/A
Date of Analysis:	5/3/11	Percent Solids:	83%
Dry Weight Extracted:	8.577 grams	Extract Dilution:	1
Wet Weight Extracted:	10.355 grams	pH:	N/A
Final Volume:	1 mL	GPC Factor	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	290	
120-82-1	1,2,4-Trichlorobenzene	ND	290	
95-50-1	1,2-Dichlorobenzene	ND	290	
541-73-1	1,3-Dichlorobenzene	ND	290	
99-65-0	1,3-Dinitrobenzene	ND	290	
106-46-7	1,4-Dichlorobenzene	ND	290	
130-15-4	1,4-Naphthoquinone	ND	590	
90-12-0	1-Methylnaphthalene	ND	290	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	290	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	290	
95-95-4	2,4,5-Trichlorophenol	ND	290	
88-06-2	2,4,6-Trichlorophenol	ND	290	
120-83-2	2,4-Dichlorophenol	ND	290	
51-28-5	2,4-Dinitrophenol	ND	1200	
121-14-2	2,4-Dinitrotoluene	ND	290	
105-67-9	2,4-dimethylphenol	ND	290	
87-65-0	2,6-Dichlorophenol	ND	290	
606-20-2	2,6-Dinitrotoluene	ND	290	
91-58-7	2-Chloronaphthalene	ND	290	
95-57-8	2-Chlorophenol	ND	290	
91-57-6	2-Methylnaphthalene	ND	290	
95-48-7	2-Methylphenol	ND	290	
88-74-4	2-Nitroaniline	ND	290	
88-75-5	2-Nitrophenol	ND	290	
108-39-4/106-44-	3&4-Methylphenol	ND	590	
91-94-1	3,3'-Dichlorobenzidine	ND	290	
56-49-5	3-Methylcholanthrene	ND	590	
99-09-2	3-Nitroaniline	ND	290	
534-52-1	4,6-Dinitro-2-methylphenol	ND	590	
101-55-3	4-Bromophenyl-phenylether	ND	290	
59-50-7	4-Chloro-3-methylphenol	ND	290	
106-47-8	4-Chloroaniline	ND	290	
7005-72-3	4-Chlorophenyl-phenylether	ND	290	
100-01-6	4-Nitroaniline	ND	290	
100-02-7	4-Nitrophenol	ND	290	
56-57-5	4-nitroquinoline-1-oxide	ND	2300	
83-32-9	Acenaphthene	ND	290	
208-96-8	Acenaphthylene	ND	290	
98-86-2	Acetophenone	ND	290	
62-53-3	Aniline	ND	290	
120-12-7	Anthracene	ND	290	

140-57-8	Aramite	ND	590
103-33-3	Azobenzene	ND	290
92-87-5	Benzidine	ND	290
56-55-3	Benzo(a)anthracene	ND	290
50-32-8	Benzo(a)pyrene	ND	290
205-99-2	Benzo(b)fluoranthene	ND	290
191-24-2	Benzo(g,h,i)perylene	ND	290
207-08-9	Benzo(k)fluoranthene	ND	290
65-85-0	Benzoic acid	ND	590
100-51-6	Benzyl alcohol	ND	290
111-44-4	Bis(2-Chloroethyl)ether	ND	290
117-81-7	Bis(2-ethylhexyl)phthalate	ND	290
85-68-7	Butylbenzylphthalate	ND	290
86-74-8	Carbazole	ND	290
510-15-6	Chlorobenzilate	ND	290
218-01-9	Chrysene	ND	290
84-74-2	Di-n-butylphthalate	ND	290
117-84-0	Di-n-octyl phthalate	ND	590
53-70-3	Dibenz(a,h)anthracene	ND	290
132-64-9	Dibenzofuran	ND	290
84-66-2	Diethylphthalate	ND	290
131-11-3	Dimethyl phthalate	ND	290
88-85-7	Dinoseb	ND	590
62-50-0	Ethyl methanesulfonate	ND	290
206-44-0	Fluoranthene	ND	290
86-73-7	Fluorene	ND	290
118-74-1	Hexachlorobenzene	ND	290
87-68-3	Hexachlorobutadiene	ND	290
77-47-4	Hexachlorocyclopentadiene	ND	290
67-72-1	Hexachloroethane	ND	290
1888-71-7	Hexachloropropene	ND	290
193-39-5	Indeno(1,2,3-cd)pyrene	ND	290
465-73-6	Isodrin	ND	290
78-59-1	Isophorone	ND	290
120-58-1	Isosafrole	ND	290
143-50-0	Kepone	ND	590
66-27-3	Methyl methanesulfonate	ND	290
86-30-6	N-Nitrosodiphenylamine	ND	290
621-64-7	N-nitroso-di-n-propylamine	ND	290
62-75-9	N-nitrosodimethylamine	ND	290
91-20-3	Naphthalene	ND	290
98-95-3	Nitrobenzene	ND	290
608-93-5	Pentachlorobenzene	ND	290
82-68-8	Pentachloronitrobenzene	ND	290
87-86-5	Pentachlorophenol	ND	590
62-44-2	Phenacetin	ND	290
85-01-8	Phenanthrene	ND	290
108-95-2	Phenol	ND	290
129-00-0	Pyrene	ND	290
110-86-1	Pyridine	ND	290
94-59-7	Safrole	ND	290
111-91-1	bis(-2-Chloroethoxy)methane	ND	290

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	60	24 - 110
Phenol-d6 (SS2)	60	25 - 113
Nitrobenzene-d5 (SS3)	60	25 - 111
2,4,6-Tribromophenol (SS5)	75	15 - 130
p-Terphenyl-d14 (SS6)	70	24 - 122
2-Fluorobiphenyl (SS4)	65	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID: D30180
Date of Collection: 4/26/2011
Date of Extraction: 5/2/11
Date of Analysis: 5/3/11
Dry Weight Extracted: 12.787 grams
Wet Weight Extracted: 20.109 grams
Final Volume: 1 mL

Lab Sample ID: AB16945
Matrix: Soil
Volume Extracted: N/A
Percent Solids: 64%
Extract Dilution: 1
pH: N/A
GPC Factor: N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	
120-82-1	1,2,4-Trichlorobenzene	ND	200	
95-50-1	1,2-Dichlorobenzene	ND	200	
541-73-1	1,3-Dichlorobenzene	ND	200	
99-65-0	1,3-Dinitrobenzene	ND	200	
106-46-7	1,4-Dichlorobenzene	ND	200	
130-15-4	1,4-Naphthoquinone	ND	390	
90-12-0	1-Methylnaphthalene	ND	200	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	200	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	
95-95-4	2,4,5-Trichlorophenol	ND	200	
88-06-2	2,4,6-Trichlorophenol	ND	200	
120-83-2	2,4-Dichlorophenol	ND	200	
51-28-5	2,4-Dinitrophenol	ND	780	
121-14-2	2,4-Dinitrotoluene	ND	200	
105-67-9	2,4-dimethylphenol	ND	200	
87-65-0	2,6-Dichlorophenol	ND	200	
606-20-2	2,6-Dinitrotoluene	ND	200	
91-58-7	2-Chloronaphthalene	ND	200	
95-57-8	2-Chlorophenol	ND	200	
91-57-6	2-Methylnaphthalene	ND	200	
95-48-7	2-Methylphenol	ND	200	
88-74-4	2-Nitroaniline	ND	200	
88-75-5	2-Nitrophenol	ND	200	
108-39-4/106-44-	3&4-Methylphenol	ND	390	
91-94-1	3,3'-Dichlorobenzidine	ND	200	
56-49-5	3-Methylcholanthrene	ND	390	
99-09-2	3-Nitroaniline	ND	200	
534-52-1	4,6-Dinitro-2-methylphenol	ND	390	
101-55-3	4-Bromophenyl-phenylether	ND	200	
59-50-7	4-Chloro-3-methylphenol	ND	200	
106-47-8	4-Chloroaniline	ND	200	
7005-72-3	4-Chlorophenyl-phenylether	ND	200	
100-01-6	4-Nitroaniline	ND	200	
100-02-7	4-Nitrophenol	ND	200	
56-57-5	4-nitroquinoline-1-oxide	ND	1600	
83-32-9	Acenaphthene	ND	200	
208-96-8	Acenaphthylene	ND	200	
98-86-2	Acetophenone	ND	200	
62-53-3	Aniline	ND	200	
120-12-7	Anthracene	ND	200	

140-57-8	Aramite	ND	390
103-33-3	Azobenzene	ND	200
92-87-5	Benzidine	ND	200
56-55-3	Benzo(a)anthracene	250	200
50-32-8	Benzo(a)pyrene	210	200
205-99-2	Benzo(b)fluoranthene	200	200
191-24-2	Benzo(g,h,i)perylene	200	200
207-08-9	Benzo(k)fluoranthene	ND	200
65-85-0	Benzoic acid	ND	390
100-51-6	Benzyl alcohol	ND	200
111-44-4	Bis(2-Chloroethyl)ether	ND	200
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200
85-68-7	Butylbenzylphthalate	ND	200
86-74-8	Carbazole	ND	200
510-15-6	Chlorobenzilate	ND	200
218-01-9	Chrysene	270	200
84-74-2	Di-n-butylphthalate	ND	200
117-84-0	Di-n-octyl phthalate	ND	390
53-70-3	Dibenz(a,h)anthracene	ND	200
132-64-9	Dibenzofuran	ND	200
84-66-2	Diethylphthalate	ND	200
131-11-3	Dimethyl phthalate	ND	200
88-85-7	Dinoseb	ND	390
62-50-0	Ethyl methanesulfonate	ND	200
206-44-0	Fluoranthene	440	200
86-73-7	Fluorene	ND	200
118-74-1	Hexachlorobenzene	ND	200
87-68-3	Hexachlorobutadiene	ND	200
77-47-4	Hexachlorocyclopentadiene	ND	200
67-72-1	Hexachloroethane	ND	200
1888-71-7	Hexachloropropene	ND	200
193-39-5	Indeno(1,2,3-cd)pyrene	ND	200
465-73-6	Isodrin	ND	200
78-59-1	Isophorone	ND	200
120-58-1	Isosafrole	ND	200
143-50-0	Kepone	ND	390
66-27-3	Methyl methanesulfonate	ND	200
86-30-6	N-Nitrosodiphenylamine	ND	200
621-64-7	N-nitroso-di-n-propylamine	ND	200
62-75-9	N-nitrosodimethylamine	ND	200
91-20-3	Naphthalene	ND	200
98-95-3	Nitrobenzene	ND	200
608-93-5	Pentachlorobenzene	ND	200
82-68-8	Pentachloronitrobenzene	ND	200
87-86-5	Pentachlorophenol	ND	390
62-44-2	Phenacetin	ND	200
85-01-8	Phenanthrene	210	200
108-95-2	Phenol	ND	200
129-00-0	Pyrene	420	200
110-86-1	Pyridine	ND	200
94-59-7	Safrole	ND	200
111-91-1	bis(-2-Chloroethoxy)methane	ND	200

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	63	24 - 110
Phenol-d6 (SS2)	63	25 - 113
Nitrobenzene-d5 (SS3)	60	25 - 111
2,4,6-Tribromophenol (SS5)	78	15 - 130
p-Terphenyl-d14 (SS6)	70	24 - 122
2-Fluorobiphenyl (SS4)	60	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

Tentatively Identified non-Target Compounds

4-((1E)-3-Hydroxy-1-propenyl)-2-methoxyphenol	2200	ppb	J
4,4'-DDT	4400	ppb	J

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID:	D30181	Lab Sample ID:	AB16946
Date of Collection:	4/26/2011	Matrix	Soil
Date of Extraction:	5/2/11	Volume Extracted:	N/A
Date of Analysis:	5/3/11	Percent Solids:	79%
Dry Weight Extracted:	15.999 grams	Extract Dilution:	1
Wet Weight Extracted:	20.169 grams	pH:	N/A
Final Volume:	1 mL	GPC Factor	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	
120-82-1	1,2,4-Trichlorobenzene	ND	160	
95-50-1	1,2-Dichlorobenzene	ND	160	
541-73-1	1,3-Dichlorobenzene	ND	160	
99-65-0	1,3-Dinitrobenzene	ND	160	
106-46-7	1,4-Dichlorobenzene	ND	160	
130-15-4	1,4-Naphthoquinone	ND	310	
90-12-0	1-Methylnaphthalene	ND	160	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	160	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	
95-95-4	2,4,5-Trichlorophenol	ND	160	
88-06-2	2,4,6-Trichlorophenol	ND	160	
120-83-2	2,4-Dichlorophenol	ND	160	
51-28-5	2,4-Dinitrophenol	ND	630	
121-14-2	2,4-Dinitrotoluene	ND	160	
105-67-9	2,4-dimethylphenol	ND	160	
87-65-0	2,6-Dichlorophenol	ND	160	
606-20-2	2,6-Dinitrotoluene	ND	160	
91-58-7	2-Chloronaphthalene	ND	160	
95-57-8	2-Chlorophenol	ND	160	
91-57-6	2-Methylnaphthalene	ND	160	
95-48-7	2-Methylphenol	ND	160	
88-74-4	2-Nitroaniline	ND	160	
88-75-5	2-Nitrophenol	ND	160	
108-39-4/106-44-	3&4-Methylphenol	ND	310	
91-94-1	3,3'-Dichlorobenzidine	ND	160	
56-49-5	3-Methylcholanthrene	ND	310	
99-09-2	3-Nitroaniline	ND	160	
534-52-1	4,6-Dinitro-2-methylphenol	ND	310	
101-55-3	4-Bromophenyl-phenylether	ND	160	
59-50-7	4-Chloro-3-methylphenol	ND	160	
106-47-8	4-Chloroaniline	ND	160	
7005-72-3	4-Chlorophenyl-phenylether	ND	160	
100-01-6	4-Nitroaniline	ND	160	
100-02-7	4-Nitrophenol	ND	160	
56-57-5	4-nitroquinoline-1-oxide	ND	1300	
83-32-9	Acenaphthene	ND	160	
208-96-8	Acenaphthylene	ND	160	
98-86-2	Acetophenone	ND	160	
62-53-3	Aniline	ND	160	
120-12-7	Anthracene	ND	160	

140-57-8	Aramite	ND	310
103-33-3	Azobenzene	ND	160
92-87-5	Benzidine	ND	160
56-55-3	Benzo(a)anthracene	ND	160
50-32-8	Benzo(a)pyrene	ND	160
205-99-2	Benzo(b)fluoranthene	ND	160
191-24-2	Benzo(g,h,i)perylene	ND	160
207-08-9	Benzo(k)fluoranthene	ND	160
65-85-0	Benzoic acid	ND	310
100-51-6	Benzyl alcohol	ND	160
111-44-4	Bis(2-Chloroethyl)ether	ND	160
117-81-7	Bis(2-ethylhexyl)phthalate	200	160
85-68-7	Butylbenzylphthalate	ND	160
86-74-8	Carbazole	ND	160
510-15-6	Chlorobenzilate	ND	160
218-01-9	Chrysene	ND	160
84-74-2	Di-n-butylphthalate	ND	160
117-84-0	Di-n-octyl phthalate	ND	310
53-70-3	Dibenz(a,h)anthracene	ND	160
132-64-9	Dibenzofuran	ND	160
84-66-2	Diethylphthalate	ND	160
131-11-3	Dimethyl phthalate	ND	160
88-85-7	Dinoseb	ND	310
62-50-0	Ethyl methanesulfonate	ND	160
206-44-0	Fluoranthene	ND	160
86-73-7	Fluorene	ND	160
118-74-1	Hexachlorobenzene	ND	160
87-68-3	Hexachlorobutadiene	ND	160
77-47-4	Hexachlorocyclopentadiene	ND	160
67-72-1	Hexachloroethane	ND	160
1888-71-7	Hexachloropropene	ND	160
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160
465-73-6	Isodrin	ND	160
78-59-1	Isophorone	ND	160
120-58-1	Isosafrole	ND	160
143-50-0	Kepone	ND	310
66-27-3	Methyl methanesulfonate	ND	160
86-30-6	N-Nitrosodiphenylamine	ND	160
621-64-7	N-nitroso-di-n-propylamine	ND	160
62-75-9	N-nitrosodimethylamine	ND	160
91-20-3	Naphthalene	ND	160
98-95-3	Nitrobenzene	ND	160
608-93-5	Pentachlorobenzene	ND	160
82-68-8	Pentachloronitrobenzene	ND	160
87-86-5	Pentachlorophenol	ND	310
62-44-2	Phenacetin	ND	160
85-01-8	Phenanthrene	ND	160
108-95-2	Phenol	ND	160
129-00-0	Pyrene	ND	160
110-86-1	Pyridine	ND	160
94-59-7	Safrole	ND	160
111-91-1	bis(-2-Chloroethoxy)methane	ND	160

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	65	24 - 110
Phenol-d6 (SS2)	65	25 - 113
Nitrobenzene-d5 (SS3)	65	25 - 111
2,4,6-Tribromophenol (SS5)	78	15 - 130
p-Terphenyl-d14 (SS6)	70	24 - 122
2-Fluorobiphenyl (SS4)	65	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID: D30182
Date of Collection: 4/26/2011
Date of Extraction: 5/2/11
Date of Analysis: 5/3/11
Dry Weight Extracted: 13.321 grams
Wet Weight Extracted: 20.212 grams
Final Volume: 1 mL

Lab Sample ID: AB16947
Matrix: Soil
Volume Extracted: N/A
Percent Solids: 66%
Extract Dilution: 1
pH: N/A
GPC Factor: N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	
120-82-1	1,2,4-Trichlorobenzene	ND	190	
95-50-1	1,2-Dichlorobenzene	ND	190	
541-73-1	1,3-Dichlorobenzene	ND	190	
99-65-0	1,3-Dinitrobenzene	ND	190	
106-46-7	1,4-Dichlorobenzene	ND	190	
130-15-4	1,4-Naphthoquinone	ND	380	
90-12-0	1-Methylnaphthalene	ND	190	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	190	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	
95-95-4	2,4,5-Trichlorophenol	ND	190	
88-06-2	2,4,6-Trichlorophenol	ND	190	
120-83-2	2,4-Dichlorophenol	ND	190	
51-28-5	2,4-Dinitrophenol	ND	750	
121-14-2	2,4-Dinitrotoluene	ND	190	
105-67-9	2,4-dimethylphenol	ND	190	
87-65-0	2,6-Dichlorophenol	ND	190	
606-20-2	2,6-Dinitrotoluene	ND	190	
91-58-7	2-Chloronaphthalene	ND	190	
95-57-8	2-Chlorophenol	ND	190	
91-57-6	2-Methylnaphthalene	ND	190	
95-48-7	2-Methylphenol	ND	190	
88-74-4	2-Nitroaniline	ND	190	
88-75-5	2-Nitrophenol	ND	190	
108-39-4/106-44-	3&4-Methylphenol	ND	380	
91-94-1	3,3'-Dichlorobenzidine	ND	190	
56-49-5	3-Methylcholanthrene	ND	380	
99-09-2	3-Nitroaniline	ND	190	
534-52-1	4,6-Dinitro-2-methylphenol	ND	380	
101-55-3	4-Bromophenyl-phenylether	ND	190	
59-50-7	4-Chloro-3-methylphenol	ND	190	
106-47-8	4-Chloroaniline	ND	190	
7005-72-3	4-Chlorophenyl-phenylether	ND	190	
100-01-6	4-Nitroaniline	ND	190	
100-02-7	4-Nitrophenol	ND	190	
56-57-5	4-nitroquinoline-1-oxide	ND	1500	
83-32-9	Acenaphthene	ND	190	
208-96-8	Acenaphthylene	ND	190	
98-86-2	Acetophenone	ND	190	
62-53-3	Aniline	ND	190	
120-12-7	Anthracene	ND	190	

140-57-8	Aramite	ND	380
103-33-3	Azobenzene	ND	190
92-87-5	Benzidine	ND	190
56-55-3	Benzo(a)anthracene	ND	190
50-32-8	Benzo(a)pyrene	220	190
205-99-2	Benzo(b)fluoranthene	ND	190
191-24-2	Benzo(g,h,i)perylene	290	190
207-08-9	Benzo(k)fluoranthene	ND	190
65-85-0	Benzoic acid	ND	380
100-51-6	Benzyl alcohol	ND	190
111-44-4	Bis(2-Chloroethyl)ether	ND	190
117-81-7	Bis(2-ethylhexyl)phthalate	670	190
85-68-7	Butylbenzylphthalate	ND	190
86-74-8	Carbazole	ND	190
510-15-6	Chlorobenzilate	ND	190
218-01-9	Chrysene	ND	190
84-74-2	Di-n-butylphthalate	ND	190
117-84-0	Di-n-octyl phthalate	ND	380
53-70-3	Dibenz(a,h)anthracene	ND	190
132-64-9	Dibenzofuran	ND	190
84-66-2	Diethylphthalate	ND	190
131-11-3	Dimethyl phthalate	ND	190
88-85-7	Dinoseb	ND	380
62-50-0	Ethyl methanesulfonate	ND	190
206-44-0	Fluoranthene	ND	190
86-73-7	Fluorene	ND	190
118-74-1	Hexachlorobenzene	ND	190
87-68-3	Hexachlorobutadiene	ND	190
77-47-4	Hexachlorocyclopentadiene	ND	190
67-72-1	Hexachloroethane	ND	190
1888-71-7	Hexachloropropene	ND	190
193-39-5	Indeno(1,2,3-cd)pyrene	ND	190
465-73-6	Isodrin	ND	190
78-59-1	Isophorone	ND	190
120-58-1	Isosafrole	ND	190
143-50-0	Kepone	ND	380
66-27-3	Methyl methanesulfonate	ND	190
86-30-6	N-Nitrosodiphenylamine	ND	190
621-64-7	N-nitroso-di-n-propylamine	ND	190
62-75-9	N-nitrosodimethylamine	ND	190
91-20-3	Naphthalene	ND	190
98-95-3	Nitrobenzene	ND	190
608-93-5	Pentachlorobenzene	ND	190
82-68-8	Pentachloronitrobenzene	ND	190
87-86-5	Pentachlorophenol	ND	380
62-44-2	Phenacetin	ND	190
85-01-8	Phenanthrene	ND	190
108-95-2	Phenol	ND	190
129-00-0	Pyrene	360	190
110-86-1	Pyridine	ND	190
94-59-7	Safrole	ND	190
111-91-1	bis(-2-Chloroethoxy)methane	ND	190

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	63	24 - 110
Phenol-d6 (SS2)	63	25 - 113
Nitrobenzene-d5 (SS3)	60	25 - 111
2,4,6-Tribromophenol (SS5)	73	15 - 130
p-Terphenyl-d14 (SS6)	65	24 - 122
2-Fluorobiphenyl (SS4)	60	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID: D30183
Date of Collection: 4/26/2011
Date of Extraction: 5/2/11
Date of Analysis: 5/3/11
Dry Weight Extracted: 6.716 grams
Wet Weight Extracted: 9.927 grams
Final Volume: 1 mL

Lab Sample ID: AB16948
Matrix: Soil
Volume Extracted: N/A
Percent Solids: 68%
Extract Dilution: 1
pH: N/A
GPC Factor: N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	370	
120-82-1	1,2,4-Trichlorobenzene	ND	370	
95-50-1	1,2-Dichlorobenzene	ND	370	
541-73-1	1,3-Dichlorobenzene	ND	370	
99-65-0	1,3-Dinitrobenzene	ND	370	
106-46-7	1,4-Dichlorobenzene	ND	370	
130-15-4	1,4-Naphthoquinone	ND	750	
90-12-0	1-Methylnaphthalene	ND	370	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	370	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	370	
95-95-4	2,4,5-Trichlorophenol	ND	370	
88-06-2	2,4,6-Trichlorophenol	ND	370	
120-83-2	2,4-Dichlorophenol	ND	370	
51-28-5	2,4-Dinitrophenol	ND	1500	
121-14-2	2,4-Dinitrotoluene	ND	370	
105-67-9	2,4-dimethylphenol	ND	370	
87-65-0	2,6-Dichlorophenol	ND	370	
606-20-2	2,6-Dinitrotoluene	ND	370	
91-58-7	2-Chloronaphthalene	ND	370	
95-57-8	2-Chlorophenol	ND	370	
91-57-6	2-Methylnaphthalene	ND	370	
95-48-7	2-Methylphenol	ND	370	
88-74-4	2-Nitroaniline	ND	370	
88-75-5	2-Nitrophenol	ND	370	
108-39-4/106-44-	3&4-Methylphenol	ND	750	
91-94-1	3,3'-Dichlorobenzidine	ND	370	
56-49-5	3-Methylcholanthrene	ND	750	
99-09-2	3-Nitroaniline	ND	370	
534-52-1	4,6-Dinitro-2-methylphenol	ND	750	
101-55-3	4-Bromophenyl-phenylether	ND	370	
59-50-7	4-Chloro-3-methylphenol	ND	370	
106-47-8	4-Chloroaniline	ND	370	
7005-72-3	4-Chlorophenyl-phenylether	ND	370	
100-01-6	4-Nitroaniline	ND	370	
100-02-7	4-Nitrophenol	ND	370	
56-57-5	4-nitroquinoline-1-oxide	ND	3000	
83-32-9	Acenaphthene	ND	370	
208-96-8	Acenaphthylene	ND	370	
98-86-2	Acetophenone	ND	370	
62-53-3	Aniline	ND	370	
120-12-7	Anthracene	ND	370	

140-57-8	Aramite	ND	750
103-33-3	Azobenzene	ND	370
92-87-5	Benzidine	ND	370
56-55-3	Benzo(a)anthracene	ND	370
50-32-8	Benzo(a)pyrene	ND	370
205-99-2	Benzo(b)fluoranthene	ND	370
191-24-2	Benzo(g,h,i)perylene	ND	370
207-08-9	Benzo(k)fluoranthene	ND	370
65-85-0	Benzoic acid	ND	750
100-51-6	Benzyl alcohol	ND	370
111-44-4	Bis(2-Chloroethyl)ether	ND	370
117-81-7	Bis(2-ethylhexyl)phthalate	ND	370
85-68-7	Butylbenzylphthalate	ND	370
86-74-8	Carbazole	ND	370
510-15-6	Chlorobenzilate	ND	370
218-01-9	Chrysene	ND	370
84-74-2	Di-n-butylphthalate	ND	370
117-84-0	Di-n-octyl phthalate	ND	750
53-70-3	Dibenz(a,h)anthracene	ND	370
132-64-9	Dibenzofuran	ND	370
84-66-2	Diethylphthalate	ND	370
131-11-3	Dimethyl phthalate	ND	370
88-85-7	Dinoseb	ND	750
62-50-0	Ethyl methanesulfonate	ND	370
206-44-0	Fluoranthene	ND	370
86-73-7	Fluorene	ND	370
118-74-1	Hexachlorobenzene	ND	370
87-68-3	Hexachlorobutadiene	ND	370
77-47-4	Hexachlorocyclopentadiene	ND	370
67-72-1	Hexachloroethane	ND	370
1888-71-7	Hexachloropropene	ND	370
193-39-5	Indeno(1,2,3-cd)pyrene	ND	370
465-73-6	Isodrin	ND	370
78-59-1	Isophorone	ND	370
120-58-1	Isosafrole	ND	370
143-50-0	Kepone	ND	750
66-27-3	Methyl methanesulfonate	ND	370
86-30-6	N-Nitrosodiphenylamine	ND	370
621-64-7	N-nitroso-di-n-propylamine	ND	370
62-75-9	N-nitrosodimethylamine	ND	370
91-20-3	Naphthalene	ND	370
98-95-3	Nitrobenzene	ND	370
608-93-5	Pentachlorobenzene	ND	370
82-68-8	Pentachloronitrobenzene	ND	370
87-86-5	Pentachlorophenol	ND	750
62-44-2	Phenacetin	ND	370
85-01-8	Phenanthrene	ND	370
108-95-2	Phenol	ND	370
129-00-0	Pyrene	ND	370
110-86-1	Pyridine	ND	370
94-59-7	Safrole	ND	370
111-91-1	bis(-2-Chloroethoxy)methane	ND	370

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	70	24 - 110
Phenol-d6 (SS2)	70	25 - 113
Nitrobenzene-d5 (SS3)	65	25 - 111
2,4,6-Tribromophenol (SS5)	80	15 - 130
p-Terphenyl-d14 (SS6)	75	24 - 122
2-Fluorobiphenyl (SS4)	70	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

Laboratory Blank

Client Sample ID:	N/A	Lab Sample ID:	N/A
Date of Collection:	N/A	Matrix	Soil
Date of Extraction:	5/2/11	Volume Extracted:	N/A
Date of Analysis:	5/3/11	Percent Solids:	100%
Dry Weight Extracted:	10.047 grams	Extract Dilution:	1
Wet Weight Extracted:	10.093 grams	pH:	N/A
Final Volume:	1 mL	GPC Factor	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	250	
120-82-1	1,2,4-Trichlorobenzene	ND	250	
95-50-1	1,2-Dichlorobenzene	ND	250	
541-73-1	1,3-Dichlorobenzene	ND	250	
99-65-0	1,3-Dinitrobenzene	ND	250	
106-46-7	1,4-Dichlorobenzene	ND	250	
130-15-4	1,4-Naphthoquinone	ND	500	
90-12-0	1-Methylnaphthalene	ND	250	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	250	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	250	
95-95-4	2,4,5-Trichlorophenol	ND	250	
88-06-2	2,4,6-Trichlorophenol	ND	250	
120-83-2	2,4-Dichlorophenol	ND	250	
51-28-5	2,4-Dinitrophenol	ND	1000	
121-14-2	2,4-Dinitrotoluene	ND	250	
105-67-9	2,4-dimethylphenol	ND	250	
87-65-0	2,6-Dichlorophenol	ND	250	
606-20-2	2,6-Dinitrotoluene	ND	250	
91-58-7	2-Chloronaphthalene	ND	250	
95-57-8	2-Chlorophenol	ND	250	
91-57-6	2-Methylnaphthalene	ND	250	
95-48-7	2-Methylphenol	ND	250	
88-74-4	2-Nitroaniline	ND	250	
88-75-5	2-Nitrophenol	ND	250	
108-39-4/106-44-	3&4-Methylphenol	ND	500	
91-94-1	3,3'-Dichlorobenzidine	ND	250	
56-49-5	3-Methylcholanthrene	ND	500	
99-09-2	3-Nitroaniline	ND	250	
534-52-1	4,6-Dinitro-2-methylphenol	ND	500	
101-55-3	4-Bromophenyl-phenylether	ND	250	
59-50-7	4-Chloro-3-methylphenol	ND	250	
106-47-8	4-Chloroaniline	ND	250	
7005-72-3	4-Chlorophenyl-phenylether	ND	250	
100-01-6	4-Nitroaniline	ND	250	
100-02-7	4-Nitrophenol	ND	250	
56-57-5	4-nitroquinoline-1-oxide	ND	2000	
83-32-9	Acenaphthene	ND	250	
208-96-8	Acenaphthylene	ND	250	
98-86-2	Acetophenone	ND	250	
62-53-3	Aniline	ND	250	
120-12-7	Anthracene	ND	250	

140-57-8	Aramite	ND	500
103-33-3	Azobenzene	ND	250
92-87-5	Benzidine	ND	250
56-55-3	Benzo(a)anthracene	ND	250
50-32-8	Benzo(a)pyrene	ND	250
205-99-2	Benzo(b)fluoranthene	ND	250
191-24-2	Benzo(g,h,i)perylene	ND	250
207-08-9	Benzo(k)fluoranthene	ND	250
65-85-0	Benzoic acid	ND	500
100-51-6	Benzyl alcohol	ND	250
111-44-4	Bis(2-Chloroethyl)ether	ND	250
117-81-7	Bis(2-ethylhexyl)phthalate	ND	250
85-68-7	Butylbenzylphthalate	ND	250
86-74-8	Carbazole	ND	250
510-15-6	Chlorobenzilate	ND	250
218-01-9	Chrysene	ND	250
84-74-2	Di-n-butylphthalate	ND	250
117-84-0	Di-n-octyl phthalate	ND	500
53-70-3	Dibenz(a,h)anthracene	ND	250
132-64-9	Dibenzofuran	ND	250
84-66-2	Diethylphthalate	ND	250
131-11-3	Dimethyl phthalate	ND	250
88-85-7	Dinoseb	ND	500
62-50-0	Ethyl methanesulfonate	ND	250
206-44-0	Fluoranthene	ND	250
86-73-7	Fluorene	ND	250
118-74-1	Hexachlorobenzene	ND	250
87-68-3	Hexachlorobutadiene	ND	250
77-47-4	Hexachlorocyclopentadiene	ND	250
67-72-1	Hexachloroethane	ND	250
1888-71-7	Hexachloropropene	ND	250
193-39-5	Indeno(1,2,3-cd)pyrene	ND	250
465-73-6	Isodrin	ND	250
78-59-1	Isophorone	ND	250
120-58-1	Isosafrole	ND	250
143-50-0	Kepone	ND	500
66-27-3	Methyl methanesulfonate	ND	250
86-30-6	N-Nitrosodiphenylamine	ND	250
621-64-7	N-nitroso-di-n-propylamine	ND	250
62-75-9	N-nitrosodimethylamine	ND	250
91-20-3	Naphthalene	ND	250
98-95-3	Nitrobenzene	ND	250
608-93-5	Pentachlorobenzene	ND	250
82-68-8	Pentachloronitrobenzene	ND	250
87-86-5	Pentachlorophenol	ND	500
62-44-2	Phenacetin	ND	250
85-01-8	Phenanthrene	ND	250
108-95-2	Phenol	ND	250
129-00-0	Pyrene	ND	250
110-86-1	Pyridine	ND	250
94-59-7	Safrole	ND	250
111-91-1	bis(-2-Chloroethoxy)methane	ND	250

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	70	24 - 110
Phenol-d6 (SS2)	71	25 - 113
Nitrobenzene-d5 (SS3)	68	25 - 111
2,4,6-Tribromophenol (SS5)	59	15 - 130
p-Terphenyl-d14 (SS6)	86	24 - 122
2-Fluorobiphenyl (SS4)	72	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID: D30184
Date of Collection: 4/26/2011
Date of Extraction: 5/2/11
Date of Analysis: 5/3/11
Dry Weight Extracted: 13.054 grams
Wet Weight Extracted: 21.007 grams
Final Volume: 1 mL

Lab Sample ID: AB16949
Matrix: Soil
Volume Extracted: N/A
Percent Solids: 62%
Extract Dilution: 1
pH: N/A
GPC Factor: N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	
120-82-1	1,2,4-Trichlorobenzene	ND	190	
95-50-1	1,2-Dichlorobenzene	ND	190	
541-73-1	1,3-Dichlorobenzene	ND	190	
99-65-0	1,3-Dinitrobenzene	ND	190	
106-46-7	1,4-Dichlorobenzene	ND	190	
130-15-4	1,4-Naphthoquinone	ND	390	
90-12-0	1-Methylnaphthalene	ND	190	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	190	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	
95-95-4	2,4,5-Trichlorophenol	ND	190	
88-06-2	2,4,6-Trichlorophenol	ND	190	
120-83-2	2,4-Dichlorophenol	ND	190	
51-28-5	2,4-Dinitrophenol	ND	770	
121-14-2	2,4-Dinitrotoluene	ND	190	
105-67-9	2,4-dimethylphenol	ND	190	
87-65-0	2,6-Dichlorophenol	ND	190	
606-20-2	2,6-Dinitrotoluene	ND	190	
91-58-7	2-Chloronaphthalene	ND	190	
95-57-8	2-Chlorophenol	ND	190	
91-57-6	2-Methylnaphthalene	ND	190	
95-48-7	2-Methylphenol	ND	190	
88-74-4	2-Nitroaniline	ND	190	
88-75-5	2-Nitrophenol	ND	190	
108-39-4/106-44-	3&4-Methylphenol	ND	390	
91-94-1	3,3'-Dichlorobenzidine	ND	190	
56-49-5	3-Methylcholanthrene	ND	390	
99-09-2	3-Nitroaniline	ND	190	
534-52-1	4,6-Dinitro-2-methylphenol	ND	390	
101-55-3	4-Bromophenyl-phenylether	ND	190	
59-50-7	4-Chloro-3-methylphenol	ND	190	
106-47-8	4-Chloroaniline	ND	190	
7005-72-3	4-Chlorophenyl-phenylether	ND	190	
100-01-6	4-Nitroaniline	ND	190	
100-02-7	4-Nitrophenol	ND	190	
56-57-5	4-nitroquinoline-1-oxide	ND	1500	
83-32-9	Acenaphthene	ND	190	
208-96-8	Acenaphthylene	ND	190	
98-86-2	Acetophenone	ND	190	
62-53-3	Aniline	ND	190	
120-12-7	Anthracene	ND	190	

140-57-8	Aramite	ND	390
103-33-3	Azobenzene	ND	190
92-87-5	Benzidine	ND	190
56-55-3	Benzo(a)anthracene	ND	190
50-32-8	Benzo(a)pyrene	ND	190
205-99-2	Benzo(b)fluoranthene	ND	190
191-24-2	Benzo(g,h,i)perylene	ND	190
207-08-9	Benzo(k)fluoranthene	ND	190
65-85-0	Benzoic acid	ND	390
100-51-6	Benzyl alcohol	ND	190
111-44-4	Bis(2-Chloroethyl)ether	ND	190
117-81-7	Bis(2-ethylhexyl)phthalate	270	190
85-68-7	Butylbenzylphthalate	ND	190
86-74-8	Carbazole	ND	190
510-15-6	Chlorobenzilate	ND	190
218-01-9	Chrysene	ND	190
84-74-2	Di-n-butylphthalate	ND	190
117-84-0	Di-n-octyl phthalate	ND	390
53-70-3	Dibenz(a,h)anthracene	ND	190
132-64-9	Dibenzofuran	ND	190
84-66-2	Diethylphthalate	ND	190
131-11-3	Dimethyl phthalate	ND	190
88-85-7	Dinoseb	ND	390
62-50-0	Ethyl methanesulfonate	ND	190
206-44-0	Fluoranthene	ND	190
86-73-7	Fluorene	ND	190
118-74-1	Hexachlorobenzene	ND	190
87-68-3	Hexachlorobutadiene	ND	190
77-47-4	Hexachlorocyclopentadiene	ND	190
67-72-1	Hexachloroethane	ND	190
1888-71-7	Hexachloropropene	ND	190
193-39-5	Indeno(1,2,3-cd)pyrene	ND	190
465-73-6	Isodrin	ND	190
78-59-1	Isophorone	ND	190
120-58-1	Isosafrole	ND	190
143-50-0	Kepone	ND	390
66-27-3	Methyl methanesulfonate	ND	190
86-30-6	N-Nitrosodiphenylamine	ND	190
621-64-7	N-nitroso-di-n-propylamine	ND	190
62-75-9	N-nitrosodimethylamine	ND	190
91-20-3	Naphthalene	ND	190
98-95-3	Nitrobenzene	ND	190
608-93-5	Pentachlorobenzene	ND	190
82-68-8	Pentachloronitrobenzene	ND	190
87-86-5	Pentachlorophenol	ND	390
62-44-2	Phenacetin	ND	190
85-01-8	Phenanthrene	ND	190
108-95-2	Phenol	ND	190
129-00-0	Pyrene	ND	190
110-86-1	Pyridine	ND	190
94-59-7	Safrole	ND	190
111-91-1	bis(-2-Chloroethoxy)methane	ND	190

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	35	24 - 110
Phenol-d6 (SS2)	48	25 - 113
Nitrobenzene-d5 (SS3)	55	25 - 111
2,4,6-Tribromophenol (SS5)	25	15 - 130
p-Terphenyl-d14 (SS6)	65	24 - 122
2-Fluorobiphenyl (SS4)	55	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID:	D30185	Lab Sample ID:	AB16950
Date of Collection:	4/26/2011	Matrix	Soil
Date of Extraction:	5/2/11	Volume Extracted:	N/A
Date of Analysis:	5/3/11	Percent Solids:	63%
Dry Weight Extracted:	13.123 grams	Extract Dilution:	1
Wet Weight Extracted:	20.793 grams	pH:	N/A
Final Volume:	1 mL	GPC Factor	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	190	
120-82-1	1,2,4-Trichlorobenzene	ND	190	
95-50-1	1,2-Dichlorobenzene	ND	190	
541-73-1	1,3-Dichlorobenzene	ND	190	
99-65-0	1,3-Dinitrobenzene	ND	190	
106-46-7	1,4-Dichlorobenzene	ND	190	
130-15-4	1,4-Naphthoquinone	ND	380	
90-12-0	1-Methylnaphthalene	ND	190	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	190	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	190	
95-95-4	2,4,5-Trichlorophenol	ND	190	
88-06-2	2,4,6-Trichlorophenol	ND	190	
120-83-2	2,4-Dichlorophenol	ND	190	
51-28-5	2,4-Dinitrophenol	ND	760	
121-14-2	2,4-Dinitrotoluene	ND	190	
105-67-9	2,4-dimethylphenol	ND	190	
87-65-0	2,6-Dichlorophenol	ND	190	
606-20-2	2,6-Dinitrotoluene	ND	190	
91-58-7	2-Chloronaphthalene	ND	190	
95-57-8	2-Chlorophenol	ND	190	
91-57-6	2-Methylnaphthalene	ND	190	
95-48-7	2-Methylphenol	ND	190	
88-74-4	2-Nitroaniline	ND	190	
88-75-5	2-Nitrophenol	ND	190	
108-39-4/106-44-	3&4-Methylphenol	ND	380	
91-94-1	3,3'-Dichlorobenzidine	ND	190	
56-49-5	3-Methylcholanthrene	ND	380	
99-09-2	3-Nitroaniline	ND	190	
534-52-1	4,6-Dinitro-2-methylphenol	ND	380	
101-55-3	4-Bromophenyl-phenylether	ND	190	
59-50-7	4-Chloro-3-methylphenol	ND	190	
106-47-8	4-Chloroaniline	ND	190	
7005-72-3	4-Chlorophenyl-phenylether	ND	190	
100-01-6	4-Nitroaniline	ND	190	
100-02-7	4-Nitrophenol	ND	190	
56-57-5	4-nitroquinoline-1-oxide	ND	1500	
83-32-9	Acenaphthene	ND	190	
208-96-8	Acenaphthylene	480	190	
98-86-2	Acetophenone	ND	190	
62-53-3	Aniline	ND	190	
120-12-7	Anthracene	320	190	

140-57-8	Aramite	ND	380
103-33-3	Azobenzene	ND	190
92-87-5	Benzidine	ND	190
56-55-3	Benzo(a)anthracene	1900	190
50-32-8	Benzo(a)pyrene	6100	190
205-99-2	Benzo(b)fluoranthene	4700	190
191-24-2	Benzo(g,h,i)perylene	26000	950
207-08-9	Benzo(k)fluoranthene	6500	190
65-85-0	Benzoic acid	ND	380
100-51-6	Benzyl alcohol	ND	190
111-44-4	Bis(2-Chloroethyl)ether	ND	190
117-81-7	Bis(2-ethylhexyl)phthalate	190	190
85-68-7	Butylbenzylphthalate	ND	190
86-74-8	Carbazole	ND	190
510-15-6	Chlorobenzilate	ND	190
218-01-9	Chrysene	2400	190
84-74-2	Di-n-butylphthalate	ND	190
117-84-0	Di-n-octyl phthalate	ND	380
53-70-3	Dibenz(a,h)anthracene	580	190
132-64-9	Dibenzofuran	ND	190
84-66-2	Diethylphthalate	ND	190
131-11-3	Dimethyl phthalate	ND	190
88-85-7	Dinoseb	ND	380
62-50-0	Ethyl methanesulfonate	ND	190
206-44-0	Fluoranthene	4700	190
86-73-7	Fluorene	ND	190
118-74-1	Hexachlorobenzene	ND	190
87-68-3	Hexachlorobutadiene	ND	190
77-47-4	Hexachlorocyclopentadiene	ND	190
67-72-1	Hexachloroethane	ND	190
1888-71-7	Hexachloropropene	ND	190
193-39-5	Indeno(1,2,3-cd)pyrene	12000	950
465-73-6	Isodrin	ND	190
78-59-1	Isophorone	ND	190
120-58-1	Isosafrole	ND	190
143-50-0	Kepone	ND	380
66-27-3	Methyl methanesulfonate	ND	190
86-30-6	N-Nitrosodiphenylamine	ND	190
621-64-7	N-nitroso-di-n-propylamine	ND	190
62-75-9	N-nitrosodimethylamine	ND	190
91-20-3	Naphthalene	520	190
98-95-3	Nitrobenzene	ND	190
608-93-5	Pentachlorobenzene	210	190
82-68-8	Pentachloronitrobenzene	ND	190
87-86-5	Pentachlorophenol	ND	380
62-44-2	Phenacetin	ND	190
85-01-8	Phenanthrene	1900	190
108-95-2	Phenol	ND	190
129-00-0	Pyrene	6200	190
110-86-1	Pyridine	ND	190
94-59-7	Safrole	ND	190
111-91-1	bis(-2-Chloroethoxy)methane	ND	190

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	70	24 - 110
Phenol-d6 (SS2)	70	25 - 113
Nitrobenzene-d5 (SS3)	65	25 - 111
2,4,6-Tribromophenol (SS5)	83	15 - 130
p-Terphenyl-d14 (SS6)	75	24 - 122
2-Fluorobiphenyl (SS4)	65	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

Benzo(g,h,i)perylene and indeno(1,2,3-cd)pyrene are reported from a 5x dilution.

Tentatively Identified non-Target Compounds

1H-Phenalen-1-one	2400	ppb	J
Benzo[e]pyrene	6000	ppb	J
Dibenzo[def,mno]chrysene	12000	ppb	J
Coronene	16000	ppb	J

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID: D30186
Date of Collection: 4/26/2011
Date of Extraction: 5/2/11
Date of Analysis: 5/3/11
Dry Weight Extracted: 7.712 grams
Wet Weight Extracted: 10.044 grams
Final Volume: 1 mL

Lab Sample ID: AB16951
Matrix: Soil
Volume Extracted: N/A
Percent Solids: 77%
Extract Dilution: 1
pH: N/A
GPC Factor: N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	330	
120-82-1	1,2,4-Trichlorobenzene	ND	330	
95-50-1	1,2-Dichlorobenzene	ND	330	
541-73-1	1,3-Dichlorobenzene	ND	330	
99-65-0	1,3-Dinitrobenzene	ND	330	
106-46-7	1,4-Dichlorobenzene	ND	330	
130-15-4	1,4-Naphthoquinone	ND	650	
90-12-0	1-Methylnaphthalene	ND	330	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	330	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	330	
95-95-4	2,4,5-Trichlorophenol	ND	330	
88-06-2	2,4,6-Trichlorophenol	ND	330	
120-83-2	2,4-Dichlorophenol	ND	330	
51-28-5	2,4-Dinitrophenol	ND	1300	
121-14-2	2,4-Dinitrotoluene	ND	330	
105-67-9	2,4-dimethylphenol	ND	330	
87-65-0	2,6-Dichlorophenol	ND	330	
606-20-2	2,6-Dinitrotoluene	ND	330	
91-58-7	2-Chloronaphthalene	ND	330	
95-57-8	2-Chlorophenol	ND	330	
91-57-6	2-Methylnaphthalene	ND	330	
95-48-7	2-Methylphenol	ND	330	
88-74-4	2-Nitroaniline	ND	330	
88-75-5	2-Nitrophenol	ND	330	
108-39-4/106-44-	3&4-Methylphenol	ND	650	
91-94-1	3,3'-Dichlorobenzidine	ND	330	
56-49-5	3-Methylcholanthrene	ND	650	
99-09-2	3-Nitroaniline	ND	330	
534-52-1	4,6-Dinitro-2-methylphenol	ND	650	
101-55-3	4-Bromophenyl-phenylether	ND	330	
59-50-7	4-Chloro-3-methylphenol	ND	330	
106-47-8	4-Chloroaniline	ND	330	
7005-72-3	4-Chlorophenyl-phenylether	ND	330	
100-01-6	4-Nitroaniline	ND	330	
100-02-7	4-Nitrophenol	ND	330	
56-57-5	4-nitroquinoline-1-oxide	ND	2600	
83-32-9	Acenaphthene	ND	330	
208-96-8	Acenaphthylene	ND	330	
98-86-2	Acetophenone	ND	330	
62-53-3	Aniline	ND	330	
120-12-7	Anthracene	ND	330	

140-57-8	Aramite	ND	650
103-33-3	Azobenzene	ND	330
92-87-5	Benzidine	ND	330
56-55-3	Benzo(a)anthracene	340	330
50-32-8	Benzo(a)pyrene	ND	330
205-99-2	Benzo(b)fluoranthene	930	330
191-24-2	Benzo(g,h,i)perylene	2500	330
207-08-9	Benzo(k)fluoranthene	850	330
65-85-0	Benzoic acid	ND	650
100-51-6	Benzyl alcohol	ND	330
111-44-4	Bis(2-Chloroethyl)ether	ND	330
117-81-7	Bis(2-ethylhexyl)phthalate	510	330
85-68-7	Butylbenzylphthalate	ND	330
86-74-8	Carbazole	ND	330
510-15-6	Chlorobenzilate	ND	330
218-01-9	Chrysene	520	330
84-74-2	Di-n-butylphthalate	ND	330
117-84-0	Di-n-octyl phthalate	ND	650
53-70-3	Dibenz(a,h)anthracene	ND	330
132-64-9	Dibenzofuran	ND	330
84-66-2	Diethylphthalate	ND	330
131-11-3	Dimethyl phthalate	ND	330
88-85-7	Dinoseb	ND	650
62-50-0	Ethyl methanesulfonate	ND	330
206-44-0	Fluoranthene	350	330
86-73-7	Fluorene	ND	330
118-74-1	Hexachlorobenzene	ND	330
87-68-3	Hexachlorobutadiene	ND	330
77-47-4	Hexachlorocyclopentadiene	ND	330
67-72-1	Hexachloroethane	ND	330
1888-71-7	Hexachloropropene	ND	330
193-39-5	Indeno(1,2,3-cd)pyrene	1400	330
465-73-6	Isodrin	ND	330
78-59-1	Isophorone	ND	330
120-58-1	Isosafrole	ND	330
143-50-0	Kepone	ND	650
66-27-3	Methyl methanesulfonate	ND	330
86-30-6	N-Nitrosodiphenylamine	ND	330
621-64-7	N-nitroso-di-n-propylamine	ND	330
62-75-9	N-nitrosodimethylamine	ND	330
91-20-3	Naphthalene	ND	330
98-95-3	Nitrobenzene	ND	330
608-93-5	Pentachlorobenzene	ND	330
82-68-8	Pentachloronitrobenzene	ND	330
87-86-5	Pentachlorophenol	ND	650
62-44-2	Phenacetin	ND	330
85-01-8	Phenanthrene	ND	330
108-95-2	Phenol	ND	330
129-00-0	Pyrene	560	330
110-86-1	Pyridine	ND	330
94-59-7	Safrole	ND	330
111-91-1	bis(-2-Chloroethoxy)methane	ND	330

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	55	24 - 110
Phenol-d6 (SS2)	55	25 - 113
Nitrobenzene-d5 (SS3)	50	25 - 111
2,4,6-Tribromophenol (SS5)	70	15 - 130
p-Terphenyl-d14 (SS6)	60	24 - 122
2-Fluorobiphenyl (SS4)	55	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID:	D30187	Lab Sample ID:	AB16952
Date of Collection:	4/26/2011	Matrix	Soil
Date of Extraction:	5/2/11	Volume Extracted:	N/A
Date of Analysis:	5/3/11	Percent Solids:	74%
Dry Weight Extracted:	16.053 grams	Extract Dilution:	1
Wet Weight Extracted:	21.570 grams	pH:	N/A
Final Volume:	1 mL	GPC Factor	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	
120-82-1	1,2,4-Trichlorobenzene	ND	160	
95-50-1	1,2-Dichlorobenzene	ND	160	
541-73-1	1,3-Dichlorobenzene	ND	160	
99-65-0	1,3-Dinitrobenzene	ND	160	
106-46-7	1,4-Dichlorobenzene	ND	160	
130-15-4	1,4-Naphthoquinone	ND	310	
90-12-0	1-Methylnaphthalene	ND	160	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	160	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	
95-95-4	2,4,5-Trichlorophenol	ND	160	
88-06-2	2,4,6-Trichlorophenol	ND	160	
120-83-2	2,4-Dichlorophenol	ND	160	
51-28-5	2,4-Dinitrophenol	ND	620	
121-14-2	2,4-Dinitrotoluene	ND	160	
105-67-9	2,4-dimethylphenol	ND	160	
87-65-0	2,6-Dichlorophenol	ND	160	
606-20-2	2,6-Dinitrotoluene	ND	160	
91-58-7	2-Chloronaphthalene	ND	160	
95-57-8	2-Chlorophenol	ND	160	
91-57-6	2-Methylnaphthalene	ND	160	
95-48-7	2-Methylphenol	ND	160	
88-74-4	2-Nitroaniline	ND	160	
88-75-5	2-Nitrophenol	ND	160	
108-39-4/106-44-	3&4-Methylphenol	ND	310	
91-94-1	3,3'-Dichlorobenzidine	ND	160	
56-49-5	3-Methylcholanthrene	ND	310	
99-09-2	3-Nitroaniline	ND	160	
534-52-1	4,6-Dinitro-2-methylphenol	ND	310	
101-55-3	4-Bromophenyl-phenylether	ND	160	
59-50-7	4-Chloro-3-methylphenol	ND	160	
106-47-8	4-Chloroaniline	ND	160	
7005-72-3	4-Chlorophenyl-phenylether	ND	160	
100-01-6	4-Nitroaniline	ND	160	
100-02-7	4-Nitrophenol	ND	160	
56-57-5	4-nitroquinoline-1-oxide	ND	1200	
83-32-9	Acenaphthene	ND	160	
208-96-8	Acenaphthylene	ND	160	
98-86-2	Acetophenone	ND	160	
62-53-3	Aniline	ND	160	
120-12-7	Anthracene	ND	160	

140-57-8	Aramite	ND	310
103-33-3	Azobenzene	ND	160
92-87-5	Benzidine	ND	160
56-55-3	Benzo(a)anthracene	180	160
50-32-8	Benzo(a)pyrene	ND	160
205-99-2	Benzo(b)fluoranthene	510	160
191-24-2	Benzo(g,h,i)perylene	580	160
207-08-9	Benzo(k)fluoranthene	340	160
65-85-0	Benzoic acid	ND	310
100-51-6	Benzyl alcohol	ND	160
111-44-4	Bis(2-Chloroethyl)ether	ND	160
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160
85-68-7	Butylbenzylphthalate	ND	160
86-74-8	Carbazole	ND	160
510-15-6	Chlorobenzilate	ND	160
218-01-9	Chrysene	360	160
84-74-2	Di-n-butylphthalate	ND	160
117-84-0	Di-n-octyl phthalate	ND	310
53-70-3	Dibenz(a,h)anthracene	ND	160
132-64-9	Dibenzofuran	ND	160
84-66-2	Diethylphthalate	ND	160
131-11-3	Dimethyl phthalate	ND	160
88-85-7	Dinoseb	ND	310
62-50-0	Ethyl methanesulfonate	ND	160
206-44-0	Fluoranthene	430	160
86-73-7	Fluorene	ND	160
118-74-1	Hexachlorobenzene	ND	160
87-68-3	Hexachlorobutadiene	ND	160
77-47-4	Hexachlorocyclopentadiene	ND	160
67-72-1	Hexachloroethane	ND	160
1888-71-7	Hexachloropropene	ND	160
193-39-5	Indeno(1,2,3-cd)pyrene	380	160
465-73-6	Isodrin	ND	160
78-59-1	Isophorone	ND	160
120-58-1	Isosafrole	ND	160
143-50-0	Kepone	ND	310
66-27-3	Methyl methanesulfonate	ND	160
86-30-6	N-Nitrosodiphenylamine	ND	160
621-64-7	N-nitroso-di-n-propylamine	ND	160
62-75-9	N-nitrosodimethylamine	ND	160
91-20-3	Naphthalene	ND	160
98-95-3	Nitrobenzene	ND	160
608-93-5	Pentachlorobenzene	ND	160
82-68-8	Pentachloronitrobenzene	ND	160
87-86-5	Pentachlorophenol	ND	310
62-44-2	Phenacetin	ND	160
85-01-8	Phenanthrene	240	160
108-95-2	Phenol	ND	160
129-00-0	Pyrene	360	160
110-86-1	Pyridine	ND	160
94-59-7	Safrole	ND	160
111-91-1	bis(-2-Chloroethoxy)methane	ND	160

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	60	24 - 110
Phenol-d6 (SS2)	58	25 - 113
Nitrobenzene-d5 (SS3)	55	25 - 111
2,4,6-Tribromophenol (SS5)	73	15 - 130
p-Terphenyl-d14 (SS6)	65	24 - 122
2-Fluorobiphenyl (SS4)	60	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID:	D30188	Lab Sample ID:	AB16953
Date of Collection:	4/26/2011	Matrix	Soil
Date of Extraction:	5/2/11	Volume Extracted:	N/A
Date of Analysis:	5/3/11	Percent Solids:	55%
Dry Weight Extracted:	5.612 grams	Extract Dilution:	1
Wet Weight Extracted:	10.147 grams	pH:	N/A
Final Volume:	1 mL	GPC Factor	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	450	
120-82-1	1,2,4-Trichlorobenzene	ND	450	
95-50-1	1,2-Dichlorobenzene	ND	450	
*541-73-1	1,3-Dichlorobenzene	ND	450	
99-65-0	1,3-Dinitrobenzene	ND	450	
106-46-7	1,4-Dichlorobenzene	ND	450	
130-15-4	1,4-Naphthoquinone	ND	890	
90-12-0	1-Methylnaphthalene	ND	450	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	450	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	450	
95-95-4	2,4,5-Trichlorophenol	ND	450	
88-06-2	2,4,6-Trichlorophenol	ND	450	
120-83-2	2,4-Dichlorophenol	ND	450	
51-28-5	2,4-Dinitrophenol	ND	1800	
121-14-2	2,4-Dinitrotoluene	ND	450	
105-67-9	2,4-dimethylphenol	ND	450	
87-65-0	2,6-Dichlorophenol	ND	450	
606-20-2	2,6-Dinitrotoluene	ND	450	
91-58-7	2-Chloronaphthalene	ND	450	
95-57-8	2-Chlorophenol	ND	450	
91-57-6	2-Methylnaphthalene	ND	450	
95-48-7	2-Methylphenol	ND	450	
88-74-4	2-Nitroaniline	ND	450	
88-75-5	2-Nitrophenol	ND	450	
108-39-4/106-44-	3&4-Methylphenol	ND	890	
91-94-1	3,3'-Dichlorobenzidine	ND	450	
56-49-5	3-Methylcholanthrene	ND	890	
99-09-2	3-Nitroaniline	ND	450	
534-52-1	4,6-Dinitro-2-methylphenol	ND	890	
101-55-3	4-Bromophenyl-phenylether	ND	450	
59-50-7	4-Chloro-3-methylphenol	ND	450	
106-47-8	4-Chloroaniline	ND	450	
7005-72-3	4-Chlorophenyl-phenylether	ND	450	
100-01-6	4-Nitroaniline	ND	450	
100-02-7	4-Nitrophenol	ND	450	
56-57-5	4-nitroquinoline-1-oxide	ND	3600	
83-32-9	Acenaphthene	ND	450	
208-96-8	Acenaphthylene	ND	450	
98-86-2	Acetophenone	ND	450	
62-53-3	Aniline	ND	450	
120-12-7	Anthracene	ND	450	

140-57-8	Aramite	ND	890
103-33-3	Azobenzene	ND	450
92-87-5	Benzidine	ND	450
56-55-3	Benzo(a)anthracene	ND	450
50-32-8	Benzo(a)pyrene	ND	450
205-99-2	Benzo(b)fluoranthene	ND	450
191-24-2	Benzo(g,h,i)perylene	ND	450
207-08-9	Benzo(k)fluoranthene	ND	450
65-85-0	Benzoic acid	ND	890
100-51-6	Benzyl alcohol	ND	450
111-44-4	Bis(2-Chloroethyl)ether	ND	450
117-81-7	Bis(2-ethylhexyl)phthalate	470	450
85-68-7	Butylbenzylphthalate	ND	450
86-74-8	Carbazole	ND	450
510-15-6	Chlorobenzilate	ND	450
218-01-9	Chrysene	ND	450
84-74-2	Di-n-butylphthalate	ND	450
117-84-0	Di-n-octyl phthalate	ND	890
53-70-3	Dibenz(a,h)anthracene	ND	450
132-64-9	Dibenzofuran	ND	450
84-66-2	Diethylphthalate	ND	450
131-11-3	Dimethyl phthalate	ND	450
88-85-7	Dinoseb	ND	890
62-50-0	Ethyl methanesulfonate	ND	450
206-44-0	Fluoranthene	ND	450
86-73-7	Fluorene	ND	450
118-74-1	Hexachlorobenzene	ND	450
87-68-3	Hexachlorobutadiene	ND	450
77-47-4	Hexachlorocyclopentadiene	ND	450
67-72-1	Hexachloroethane	ND	450
1888-71-7	Hexachloropropene	ND	450
193-39-5	Indeno(1,2,3-cd)pyrene	ND	450
465-73-6	Isodrin	ND	450
78-59-1	Isophorone	ND	450
120-58-1	Isosafrole	ND	450
143-50-0	Kepone	ND	890
66-27-3	Methyl methanesulfonate	ND	450
86-30-6	N-Nitrosodiphenylamine	ND	450
621-64-7	N-nitroso-di-n-propylamine	ND	450
62-75-9	N-nitrosodimethylamine	ND	450
91-20-3	Naphthalene	ND	450
98-95-3	Nitrobenzene	ND	450
608-93-5	Pentachlorobenzene	ND	450
82-68-8	Pentachloronitrobenzene	ND	450
87-86-5	Pentachlorophenol	ND	890
62-44-2	Phenacetin	ND	450
85-01-8	Phenanthrene	ND	450
108-95-2	Phenol	ND	450
129-00-0	Pyrene	ND	450
110-86-1	Pyridine	ND	450
94-59-7	Safrole	ND	450
111-91-1	bis(-2-Chloroethoxy)methane	ND	450

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	65	24 - 110
Phenol-d6 (SS2)	68	25 - 113
Nitrobenzene-d5 (SS3)	65	25 - 111
2,4,6-Tribromophenol (SS5)	70	15 - 130
p-Terphenyl-d14 (SS6)	70	24 - 122
2-Fluorobiphenyl (SS4)	70	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID: D30189
Date of Collection: 4/26/2011
Date of Extraction: 5/2/11
Date of Analysis: 5/4/11
Dry Weight Extracted: 8.595 grams
Wet Weight Extracted: 10.470 grams
Final Volume: 1 mL

Lab Sample ID: AB16954
Matrix: Soil
Volume Extracted: N/A
Percent Solids: 82%
Extract Dilution: 1
pH: N/A
GPC Factor: N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	290	
120-82-1	1,2,4-Trichlorobenzene	ND	290	
95-50-1	1,2-Dichlorobenzene	ND	290	
541-73-1	1,3-Dichlorobenzene	ND	290	
99-65-0	1,3-Dinitrobenzene	ND	290	
106-46-7	1,4-Dichlorobenzene	ND	290	
130-15-4	1,4-Naphthoquinone	ND	580	
90-12-0	1-Methylnaphthalene	ND	290	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	290	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	290	
95-95-4	2,4,5-Trichlorophenol	ND	290	
88-06-2	2,4,6-Trichlorophenol	ND	290	
120-83-2	2,4-Dichlorophenol	ND	290	
51-28-5	2,4-Dinitrophenol	ND	1200	
121-14-2	2,4-Dinitrotoluene	ND	290	
105-67-9	2,4-dimethylphenol	ND	290	
87-65-0	2,6-Dichlorophenol	ND	290	
606-20-2	2,6-Dinitrotoluene	ND	290	
91-58-7	2-Chloronaphthalene	ND	290	
95-57-8	2-Chlorophenol	ND	290	
91-57-6	2-Methylnaphthalene	ND	290	
95-48-7	2-Methylphenol	ND	290	
88-74-4	2-Nitroaniline	ND	290	
88-75-5	2-Nitrophenol	ND	290	
108-39-4/106-44-	3&4-Methylphenol	ND	580	
91-94-1	3,3'-Dichlorobenzidine	ND	290	
56-49-5	3-Methylcholanthrene	ND	580	
99-09-2	3-Nitroaniline	ND	290	
534-52-1	4,6-Dinitro-2-methylphenol	ND	580	
101-55-3	4-Bromophenyl-phenylether	ND	290	
59-50-7	4-Chloro-3-methylphenol	ND	290	
106-47-8	4-Chloroaniline	ND	290	
7005-72-3	4-Chlorophenyl-phenylether	ND	290	
100-01-6	4-Nitroaniline	ND	290	
100-02-7	4-Nitrophenol	ND	290	
56-57-5	4-nitroquinoline-1-oxide	ND	2300	
83-32-9	Acenaphthene	ND	290	
208-96-8	Acenaphthylene	ND	290	
98-86-2	Acetophenone	ND	290	
62-53-3	Aniline	ND	290	
120-12-7	Anthracene	ND	290	

140-57-8	Aramite	ND	580
103-33-3	Azobenzene	ND	290
92-87-5	Benzidine	ND	290
56-55-3	Benzo(a)anthracene	ND	290
50-32-8	Benzo(a)pyrene	ND	290
205-99-2	Benzo(b)fluoranthene	ND	290
191-24-2	Benzo(g,h,i)perylene	ND	290
207-08-9	Benzo(k)fluoranthene	ND	290
65-85-0	Benzoic acid	ND	580
100-51-6	Benzyl alcohol	ND	290
111-44-4	Bis(2-Chloroethyl)ether	ND	290
117-81-7	Bis(2-ethylhexyl)phthalate	ND	290
85-68-7	Butylbenzylphthalate	ND	290
86-74-8	Carbazole	ND	290
510-15-6	Chlorobenzilate	ND	290
218-01-9	Chrysene	ND	290
84-74-2	Di-n-butylphthalate	ND	290
117-84-0	Di-n-octyl phthalate	ND	580
53-70-3	Dibenz(a,h)anthracene	ND	290
132-64-9	Dibenzofuran	ND	290
84-66-2	Diethylphthalate	ND	290
131-11-3	Dimethyl phthalate	ND	290
88-85-7	Dinoseb	ND	580
62-50-0	Ethyl methanesulfonate	ND	290
206-44-0	Fluoranthene	ND	290
86-73-7	Fluorene	ND	290
118-74-1	Hexachlorobenzene	ND	290
87-68-3	Hexachlorobutadiene	ND	290
77-47-4	Hexachlorocyclopentadiene	ND	290
67-72-1	Hexachloroethane	ND	290
1888-71-7	Hexachloropropene	ND	290
193-39-5	Indeno(1,2,3-cd)pyrene	ND	290
465-73-6	Isodrin	ND	290
78-59-1	Isophorone	ND	290
120-58-1	Isosafrole	ND	290
143-50-0	Kepone	ND	580
66-27-3	Methyl methanesulfonate	ND	290
86-30-6	N-Nitrosodiphenylamine	ND	290
621-64-7	N-nitroso-di-n-propylamine	ND	290
62-75-9	N-nitrosodimethylamine	ND	290
91-20-3	Naphthalene	ND	290
98-95-3	Nitrobenzene	ND	290
608-93-5	Pentachlorobenzene	ND	290
82-68-8	Pentachloronitrobenzene	ND	290
87-86-5	Pentachlorophenol	ND	580
62-44-2	Phenacetin	ND	290
85-01-8	Phenanthrene	ND	290
108-95-2	Phenol	ND	290
129-00-0	Pyrene	ND	290
110-86-1	Pyridine	ND	290
94-59-7	Safrole	ND	290
111-91-1	bis(-2-Chloroethoxy)methane	ND	290

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	55	24 - 110
Phenol-d6 (SS2)	60	25 - 113
Nitrobenzene-d5 (SS3)	60	25 - 111
2,4,6-Tribromophenol (SS5)	60	15 - 130
p-Terphenyl-d14 (SS6)	65	24 - 122
2-Fluorobiphenyl (SS4)	65	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID: D30190
Date of Collection: 4/26/2011
Date of Extraction: 5/2/11
Date of Analysis: 5/4/11
Dry Weight Extracted: 7.855 grams
Wet Weight Extracted: 10.067 grams
Final Volume: 1 mL

Lab Sample ID: AB16955
Matrix: Soil
Volume Extracted: N/A
Percent Solids: 78%
Extract Dilution: 1
pH: N/A
GPC Factor: N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	320	
120-82-1	1,2,4-Trichlorobenzene	ND	320	
95-50-1	1,2-Dichlorobenzene	ND	320	
541-73-1	1,3-Dichlorobenzene	ND	320	
99-65-0	1,3-Dinitrobenzene	ND	320	
106-46-7	1,4-Dichlorobenzene	ND	320	
130-15-4	1,4-Naphthoquinone	ND	640	
90-12-0	1-Methylnaphthalene	ND	320	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	320	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	320	
95-95-4	2,4,5-Trichlorophenol	ND	320	
88-06-2	2,4,6-Trichlorophenol	ND	320	
120-83-2	2,4-Dichlorophenol	ND	320	
51-28-5	2,4-Dinitrophenol	ND	1300	
121-14-2	2,4-Dinitrotoluene	ND	320	
105-67-9	2,4-dimethylphenol	ND	320	
87-65-0	2,6-Dichlorophenol	ND	320	
606-20-2	2,6-Dinitrotoluene	ND	320	
91-58-7	2-Chloronaphthalene	ND	320	
95-57-8	2-Chlorophenol	ND	320	
91-57-6	2-Methylnaphthalene	ND	320	
95-48-7	2-Methylphenol	ND	320	
88-74-4	2-Nitroaniline	ND	320	
88-75-5	2-Nitrophenol	ND	320	
108-39-4/106-44-	3&4-Methylphenol	ND	640	
91-94-1	3,3'-Dichlorobenzidine	ND	320	
56-49-5	3-Methylcholanthrene	ND	640	
99-09-2	3-Nitroaniline	ND	320	
534-52-1	4,6-Dinitro-2-methylphenol	ND	640	
101-55-3	4-Bromophenyl-phenylether	ND	320	
59-50-7	4-Chloro-3-methylphenol	ND	320	
106-47-8	4-Chloroaniline	ND	320	
7005-72-3	4-Chlorophenyl-phenylether	ND	320	
100-01-6	4-Nitroaniline	ND	320	
100-02-7	4-Nitrophenol	ND	320	
56-57-5	4-nitroquinoline-1-oxide	ND	2500	
83-32-9	Acenaphthene	ND	320	
208-96-8	Acenaphthylene	ND	320	
98-86-2	Acetophenone	ND	320	
62-53-3	Aniline	ND	320	
120-12-7	Anthracene	ND	320	

140-57-8	Aramite	ND	640
103-33-3	Azobenzene	ND	320
92-87-5	Benzidine	ND	320
56-55-3	Benzo(a)anthracene	ND	320
50-32-8	Benzo(a)pyrene	ND	320
205-99-2	Benzo(b)fluoranthene	ND	320
191-24-2	Benzo(g,h,i)perylene	ND	320
207-08-9	Benzo(k)fluoranthene	ND	320
65-85-0	Benzoic acid	ND	640
100-51-6	Benzyl alcohol	ND	320
111-44-4	Bis(2-Chloroethyl)ether	ND	320
117-81-7	Bis(2-ethylhexyl)phthalate	3600	320
85-68-7	Butylbenzylphthalate	ND	320
86-74-8	Carbazole	ND	320
510-15-6	Chlorobenzilate	ND	320
218-01-9	Chrysene	ND	320
84-74-2	Di-n-butylphthalate	ND	320
117-84-0	Di-n-octyl phthalate	ND	640
53-70-3	Dibenz(a,h)anthracene	ND	320
132-64-9	Dibenzofuran	ND	320
84-66-2	Diethylphthalate	ND	320
131-11-3	Dimethyl phthalate	ND	320
88-85-7	Dinoseb	ND	640
62-50-0	Ethyl methanesulfonate	ND	320
206-44-0	Fluoranthene	ND	320
86-73-7	Fluorene	ND	320
118-74-1	Hexachlorobenzene	ND	320
87-68-3	Hexachlorobutadiene	ND	320
77-47-4	Hexachlorocyclopentadiene	ND	320
67-72-1	Hexachloroethane	ND	320
1888-71-7	Hexachloropropene	ND	320
193-39-5	Indeno(1,2,3-cd)pyrene	ND	320
465-73-6	Isodrin	ND	320
78-59-1	Isophorone	ND	320
120-58-1	Isosafrole	ND	320
143-50-0	Kepone	ND	640
66-27-3	Methyl methanesulfonate	ND	320
86-30-6	N-Nitrosodiphenylamine	ND	320
621-64-7	N-nitroso-di-n-propylamine	ND	320
62-75-9	N-nitrosodimethylamine	ND	320
91-20-3	Naphthalene	ND	320
98-95-3	Nitrobenzene	ND	320
608-93-5	Pentachlorobenzene	ND	320
82-68-8	Pentachloronitrobenzene	ND	320
87-86-5	Pentachlorophenol	ND	640
62-44-2	Phenacetin	ND	320
85-01-8	Phenanthrene	ND	320
108-95-2	Phenol	ND	320
129-00-0	Pyrene	ND	320
110-86-1	Pyridine	ND	320
94-59-7	Safrole	ND	320
111-91-1	bis(-2-Chloroethoxy)methane	ND	320

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	83	24 - 110
Phenol-d6 (SS2)	80	25 - 113
Nitrobenzene-d5 (SS3)	70	25 - 111
2,4,6-Tribromophenol (SS5)	75	15 - 130
p-Terphenyl-d14 (SS6)	55	24 - 122
2-Fluorobiphenyl (SS4)	65	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

Tentatively Identified non-Target Compounds

2,6-bis(1,1-dimethylethyl)-2,5-cyclohexadiene-1,4-dione 3600 ppb J

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID: D30191
Date of Collection: 4/26/2011
Date of Extraction: 5/2/11
Date of Analysis: 5/4/11
Dry Weight Extracted: 12.831 grams
Wet Weight Extracted: 20.769 grams
Final Volume: 1 mL

Lab Sample ID: AB16956
Matrix: Soil
Volume Extracted: N/A
Percent Solids: 62%
Extract Dilution: 1
pH: N/A
GPC Factor: N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	
120-82-1	1,2,4-Trichlorobenzene	ND	200	
95-50-1	1,2-Dichlorobenzene	ND	200	
541-73-1	1,3-Dichlorobenzene	ND	200	
99-65-0	1,3-Dinitrobenzene	ND	200	
106-46-7	1,4-Dichlorobenzene	ND	200	
130-15-4	1,4-Naphthoquinone	ND	390	
90-12-0	1-Methylnaphthalene	ND	200	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	200	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	
95-95-4	2,4,5-Trichlorophenol	ND	200	
88-06-2	2,4,6-Trichlorophenol	ND	200	
120-83-2	2,4-Dichlorophenol	ND	200	
51-28-5	2,4-Dinitrophenol	ND	780	
121-14-2	2,4-Dinitrotoluene	ND	200	
105-67-9	2,4-dimethylphenol	ND	200	
87-65-0	2,6-Dichlorophenol	ND	200	
606-20-2	2,6-Dinitrotoluene	ND	200	
91-58-7	2-Chloronaphthalene	ND	200	
95-57-8	2-Chlorophenol	ND	200	
91-57-6	2-Methylnaphthalene	ND	200	
95-48-7	2-Methylphenol	ND	200	
88-74-4	2-Nitroaniline	ND	200	
88-75-5	2-Nitrophenol	ND	200	
108-39-4/106-44-	3&4-Methylphenol	ND	390	
91-94-1	3,3'-Dichlorobenzidine	ND	200	
56-49-5	3-Methylcholanthrene	350	390	J
99-09-2	3-Nitroaniline	ND	200	
534-52-1	4,6-Dinitro-2-methylphenol	ND	390	
101-55-3	4-Bromophenyl-phenylether	ND	200	
59-50-7	4-Chloro-3-methylphenol	ND	200	
106-47-8	4-Chloroaniline	ND	200	
7005-72-3	4-Chlorophenyl-phenylether	ND	200	
100-01-6	4-Nitroaniline	ND	200	
100-02-7	4-Nitrophenol	ND	200	
56-57-5	4-nitroquinoline-1-oxide	ND	1600	
83-32-9	Acenaphthene	ND	200	
208-96-8	Acenaphthylene	910	200	
98-86-2	Acetophenone	ND	200	
62-53-3	Aniline	ND	200	
120-12-7	Anthracene	1400	200	

140-57-8	Aramite	ND	390
103-33-3	Azobenzene	ND	200
92-87-5	Benzidine	ND	200
56-55-3	Benzo(a)anthracene	9600	200
50-32-8	Benzo(a)pyrene	36000	1900
205-99-2	Benzo(b)fluoranthene	36000	1900
191-24-2	Benzo(g,h,i)perylene	100000	1900
207-08-9	Benzo(k)fluoranthene	38000	1900
65-85-0	Benzoic acid	ND	390
100-51-6	Benzyl alcohol	ND	200
111-44-4	Bis(2-Chloroethyl)ether	ND	200
117-81-7	Bis(2-ethylhexyl)phthalate	220	200
85-68-7	Butylbenzylphthalate	ND	200
86-74-8	Carbazole	ND	200
510-15-6	Chlorobenzilate	ND	200
218-01-9	Chrysene	16000	1900
84-74-2	Di-n-butylphthalate	ND	200
117-84-0	Di-n-octyl phthalate	ND	390
53-70-3	Dibenz(a,h)anthracene	3500	200
132-64-9	Dibenzofuran	ND	200
84-66-2	Diethylphthalate	ND	200
131-11-3	Dimethyl phthalate	ND	200
88-85-7	Dinoseb	ND	390
62-50-0	Ethyl methanesulfonate	ND	200
206-44-0	Fluoranthene	34000	1900
86-73-7	Fluorene	ND	200
118-74-1	Hexachlorobenzene	ND	200
87-68-3	Hexachlorobutadiene	ND	200
77-47-4	Hexachlorocyclopentadiene	ND	200
67-72-1	Hexachloroethane	ND	200
1888-71-7	Hexachloropropene	ND	200
193-39-5	Indeno(1,2,3-cd)pyrene	57000	1900
465-73-6	Isodrin	ND	200
78-59-1	Isophorone	ND	200
120-58-1	Isosafrole	ND	200
143-50-0	Kepone	ND	390
66-27-3	Methyl methanesulfonate	ND	200
86-30-6	N-Nitrosodiphenylamine	ND	200
621-64-7	N-nitroso-di-n-propylamine	ND	200
62-75-9	N-nitrosodimethylamine	ND	200
91-20-3	Naphthalene	500	200
98-95-3	Nitrobenzene	ND	200
608-93-5	Pentachlorobenzene	ND	200
82-68-8	Pentachloronitrobenzene	ND	200
87-86-5	Pentachlorophenol	ND	390
62-44-2	Phenacetin	ND	200
85-01-8	Phenanthrene	7500	200
108-95-2	Phenol	ND	200
129-00-0	Pyrene	40000	1900
110-86-1	Pyridine	ND	200
94-59-7	Safrole	ND	200
111-91-1	bis(-2-Chloroethoxy)methane	ND	200

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	65	24 - 110
Phenol-d6 (SS2)	68	25 - 113
Nitrobenzene-d5 (SS3)	60	25 - 111
2,4,6-Tribromophenol (SS5)	83	15 - 130
p-Terphenyl-d14 (SS6)	70	24 - 122
2-Fluorobiphenyl (SS4)	65	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

Fluoranthene, pyrene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, and benzo(g,h,i)perylene are reported from a 10x dilution.

Tentatively Identified non-Target Compounds

1H-phenalen-1-one	9500	ppb	J
cyclopenta(def)phenanthrenone	5400	ppb	J
benzo[e]pyrene	14000	ppb	J
3,4:8,9-dibenzopyrene	5000	ppb	J

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID: D30192
Date of Collection: 4/26/2011
Date of Extraction: 5/2/11
Date of Analysis: 5/4/11
Dry Weight Extracted: 8.570 grams
Wet Weight Extracted: 10.391 grams
Final Volume: 1 mL

Lab Sample ID: AB16957
Matrix: Soil
Volume Extracted: N/A
Percent Solids: 82%
Extract Dilution: 1
pH: N/A
GPC Factor: N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	290	
120-82-1	1,2,4-Trichlorobenzene	ND	290	
95-50-1	1,2-Dichlorobenzene	ND	290	
541-73-1	1,3-Dichlorobenzene	ND	290	
99-65-0	1,3-Dinitrobenzene	ND	290	
106-46-7	1,4-Dichlorobenzene	ND	290	
130-15-4	1,4-Naphthoquinone	ND	590	
90-12-0	1-Methylnaphthalene	2000	290	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	290	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	290	
95-95-4	2,4,5-Trichlorophenol	ND	290	
88-06-2	2,4,6-Trichlorophenol	ND	290	
120-83-2	2,4-Dichlorophenol	ND	290	
51-28-5	2,4-Dinitrophenol	ND	1200	
121-14-2	2,4-Dinitrotoluene	ND	290	
105-67-9	2,4-dimethylphenol	ND	290	
87-65-0	2,6-Dichlorophenol	ND	290	
606-20-2	2,6-Dinitrotoluene	ND	290	
91-58-7	2-Chloronaphthalene	ND	290	
95-57-8	2-Chlorophenol	ND	290	
91-57-6	2-Methylnaphthalene	2400	290	
95-48-7	2-Methylphenol	ND	290	
88-74-4	2-Nitroaniline	ND	290	
88-75-5	2-Nitrophenol	ND	290	
108-39-4/106-44-	3&4-Methylphenol	ND	590	
91-94-1	3,3'-Dichlorobenzidine	ND	290	
56-49-5	3-Methylcholanthrene	ND	590	
99-09-2	3-Nitroaniline	ND	290	
534-52-1	4,6-Dinitro-2-methylphenol	ND	590	
101-55-3	4-Bromophenyl-phenylether	ND	290	
59-50-7	4-Chloro-3-methylphenol	ND	290	
106-47-8	4-Chloroaniline	ND	290	
7005-72-3	4-Chlorophenyl-phenylether	ND	290	
100-01-6	4-Nitroaniline	ND	290	
100-02-7	4-Nitrophenol	ND	290	
56-57-5	4-nitroquinoline-1-oxide	ND	2300	
83-32-9	Acenaphthene	830	290	
208-96-8	Acenaphthylene	ND	290	
98-86-2	Acetophenone	ND	290	
62-53-3	Aniline	ND	290	
120-12-7	Anthracene	1000	290	

140-57-8	Aramite	ND	590
103-33-3	Azobenzene	ND	290
92-87-5	Benzidine	ND	290
56-55-3	Benzo(a)anthracene	1300	290
50-32-8	Benzo(a)pyrene	1200	290
205-99-2	Benzo(b)fluoranthene	1200	290
191-24-2	Benzo(g,h,i)perylene	2600	290
207-08-9	Benzo(k)fluoranthene	1200	290
65-85-0	Benzoic acid	ND	590
100-51-6	Benzyl alcohol	ND	290
111-44-4	Bis(2-Chloroethyl)ether	ND	290
117-81-7	Bis(2-ethylhexyl)phthalate	5900	290
85-68-7	Butylbenzylphthalate	2100	290
86-74-8	Carbazole	ND	290
510-15-6	Chlorobenzilate	ND	290
218-01-9	Chrysene	1400	290
84-74-2	Di-n-butylphthalate	1100	290
117-84-0	Di-n-octyl phthalate	ND	590
53-70-3	Dibenz(a,h)anthracene	ND	290
132-64-9	Dibenzofuran	ND	290
84-66-2	Diethylphthalate	ND	290
131-11-3	Dimethyl phthalate	ND	290
88-85-7	Dinoseb	ND	590
62-50-0	Ethyl methanesulfonate	ND	290
206-44-0	Fluoranthene	2600	290
86-73-7	Fluorene	2200	290
118-74-1	Hexachlorobenzene	ND	290
87-68-3	Hexachlorobutadiene	ND	290
77-47-4	Hexachlorocyclopentadiene	ND	290
67-72-1	Hexachloroethane	ND	290
1888-71-7	Hexachloropropene	ND	290
193-39-5	Indeno(1,2,3-cd)pyrene	1400	290
465-73-6	Isodrin	ND	290
78-59-1	Isophorone	ND	290
120-58-1	Isosafrole	ND	290
143-50-0	Kepone	ND	590
66-27-3	Methyl methanesulfonate	ND	290
86-30-6	N-Nitrosodiphenylamine	ND	290
621-64-7	N-nitroso-di-n-propylamine	ND	290
62-75-9	N-nitrosodimethylamine	ND	290
91-20-3	Naphthalene	ND	290
98-95-3	Nitrobenzene	ND	290
608-93-5	Pentachlorobenzene	ND	290
82-68-8	Pentachloronitrobenzene	ND	290
87-86-5	Pentachlorophenol	ND	590
62-44-2	Phenacetin	ND	290
85-01-8	Phenanthrene	4800	290
108-95-2	Phenol	ND	290
129-00-0	Pyrene	4200	290
110-86-1	Pyridine	ND	290
94-59-7	Safrole	ND	290
111-91-1	bis-(2-Chloroethoxy)methane	ND	290

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	33	24 - 110
Phenol-d6 (SS2)	30	25 - 113
Nitrobenzene-d5 (SS3)	27	25 - 111
2,4,6-Tribromophenol (SS5)	30	15 - 130
p-Terphenyl-d14 (SS6)	23	24 - 122
2-Fluorobiphenyl (SS4)	25	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

Tentatively Identified non-Target Compounds

1,2,3,4-tetrahydro-1,4-dimethyl-naphthalene	7700	ppb	J
2,7-dimethyl-naphthalene	9900	ppb	J
1,4-dimethyl-naphthalene	7700	ppb	J
2,3,6-trimethyl-naphthalene	8600	ppb	J
1,6,7-trimethyl-naphthalene	12000	ppb	J
1,4,6-trimethyl-naphthalene	14000	ppb	J
4,4'-dimethylbiphenyl	12000	ppb	J

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID:	D30193	Lab Sample ID:	AB16958
Date of Collection:	4/26/2011	Matrix:	Soil
Date of Extraction:	5/2/11	Volume Extracted:	N/A
Date of Analysis:	5/4/11	Percent Solids:	58%
Dry Weight Extracted:	6.289 grams	Extract Dilution:	1
Wet Weight Extracted:	10.778 grams	pH:	N/A
Final Volume:	1 mL	GPC Factor:	N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	400	
120-82-1	1,2,4-Trichlorobenzene	ND	400	
95-50-1	1,2-Dichlorobenzene	ND	400	
541-73-1	1,3-Dichlorobenzene	ND	400	
99-65-0	1,3-Dinitrobenzene	ND	400	
106-46-7	1,4-Dichlorobenzene	ND	400	
130-15-4	1,4-Naphthoquinone	ND	800	
90-12-0	1-Methylnaphthalene	ND	400	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	400	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	400	
95-95-4	2,4,5-Trichlorophenol	ND	400	
88-06-2	2,4,6-Trichlorophenol	ND	400	
120-83-2	2,4-Dichlorophenol	ND	400	
51-28-5	2,4-Dinitrophenol	ND	1600	
121-14-2	2,4-Dinitrotoluene	ND	400	
105-67-9	2,4-dimethylphenol	ND	400	
87-65-0	2,6-Dichlorophenol	ND	400	
606-20-2	2,6-Dinitrotoluene	ND	400	
91-58-7	2-Chloronaphthalene	ND	400	
95-57-8	2-Chlorophenol	ND	400	
91-57-6	2-Methylnaphthalene	ND	400	
95-48-7	2-Methylphenol	ND	400	
88-74-4	2-Nitroaniline	ND	400	
88-75-5	2-Nitrophenol	ND	400	
108-39-4/106-44-	3&4-Methylphenol	ND	800	
91-94-1	3,3'-Dichlorobenzidine	ND	400	
56-49-5	3-Methylcholanthrene	ND	800	
99-09-2	3-Nitroaniline	ND	400	
534-52-1	4,6-Dinitro-2-methylphenol	ND	800	
101-55-3	4-Bromophenyl-phenylether	ND	400	
59-50-7	4-Chloro-3-methylphenol	ND	400	
106-47-8	4-Chloroaniline	ND	400	
7005-72-3	4-Chlorophenyl-phenylether	ND	400	
100-01-6	4-Nitroaniline	ND	400	
100-02-7	4-Nitrophenol	ND	400	
56-57-5	4-nitroquinoline-1-oxide	ND	3200	
83-32-9	Acenaphthene	ND	400	
208-96-8	Acenaphthylene	ND	400	
98-86-2	Acetophenone	ND	400	
62-53-3	Aniline	ND	400	
120-12-7	Anthracene	ND	400	

140-57-8	Aramite	ND	800
103-33-3	Azobenzene	ND	400
92-87-5	Benzidine	ND	400
56-55-3	Benzo(a)anthracene	4400	400
50-32-8	Benzo(a)pyrene	12000	400
205-99-2	Benzo(b)fluoranthene	12000	400
191-24-2	Benzo(g,h,i)perylene	27000	2000
207-08-9	Benzo(k)fluoranthene	13000	400
65-85-0	Benzoic acid	ND	800
100-51-6	Benzyl alcohol	ND	400
111-44-4	Bis(2-Chloroethyl)ether	ND	400
117-81-7	Bis(2-ethylhexyl)phthalate	ND	400
85-68-7	Butylbenzylphthalate	ND	400
86-74-8	Carbazole	ND	400
510-15-6	Chlorobenzilate	ND	400
218-01-9	Chrysene	7100	400
84-74-2	Di-n-butylphthalate	ND	400
117-84-0	Di-n-octyl phthalate	ND	800
53-70-3	Dibenz(a,h)anthracene	ND	400
132-64-9	Dibenzofuran	ND	400
84-66-2	Diethylphthalate	ND	400
131-11-3	Dimethyl phthalate	ND	400
88-85-7	Dinoseb	ND	800
62-50-0	Ethyl methanesulfonate	ND	400
206-44-0	Fluoranthene	5800	400
86-73-7	Fluorene	ND	400
118-74-1	Hexachlorobenzene	ND	400
87-68-3	Hexachlorobutadiene	ND	400
77-47-4	Hexachlorocyclopentadiene	ND	400
67-72-1	Hexachloroethane	ND	400
1888-71-7	Hexachloropropene	ND	400
193-39-5	Indeno(1,2,3-cd)pyrene	18000	2000
465-73-6	Isodrin	ND	400
78-59-1	Isophorone	ND	400
120-58-1	Isosafrole	ND	400
143-50-0	Kepone	ND	800
66-27-3	Methyl methanesulfonate	ND	400
86-30-6	N-Nitrosodiphenylamine	ND	400
621-64-7	N-nitroso-di-n-propylamine	ND	400
62-75-9	N-nitrosodimethylamine	ND	400
91-20-3	Naphthalene	ND	400
98-95-3	Nitrobenzene	ND	400
608-93-5	Pentachlorobenzene	ND	400
82-68-8	Pentachloronitrobenzene	ND	400
87-86-5	Pentachlorophenol	ND	800
62-44-2	Phenacetin	ND	400
85-01-8	Phenanthrene	1300	400
108-95-2	Phenol	ND	400
129-00-0	Pyrene	5000	400
110-86-1	Pyridine	ND	400
94-59-7	Safrole	ND	400
111-91-1	bis(-2-Chloroethoxy)methane	ND	400

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	43	24 - 110
Phenol-d6 (SS2)	45	25 - 113
Nitrobenzene-d5 (SS3)	42	25 - 111
2,4,6-Tribromophenol (SS5)	58	15 - 130
p-Terphenyl-d14 (SS6)	50	24 - 122
2-Fluorobiphenyl (SS4)	42	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

Indeno(1,2,3-cd)pyrene and benzo(g,h,i)perylene are reported from a 5x dilution.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID: D30194
Date of Collection: 4/26/2011
Date of Extraction: 5/2/11
Date of Analysis: 5/4/11
Dry Weight Extracted: 8.612 grams
Wet Weight Extracted: 10.282 grams
Final Volume: 1 mL

Lab Sample ID: AB16959
Matrix: Soil
Volume Extracted: N/A
Percent Solids: 84%
Extract Dilution: 1
pH: N/A
GPC Factor: N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	290	
120-82-1	1,2,4-Trichlorobenzene	ND	290	
95-50-1	1,2-Dichlorobenzene	ND	290	
541-73-1	1,3-Dichlorobenzene	ND	290	
99-65-0	1,3-Dinitrobenzene	ND	290	
106-46-7	1,4-Dichlorobenzene	ND	290	
130-15-4	1,4-Naphthoquinone	ND	580	
90-12-0	1-Methylnaphthalene	ND	290	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	290	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	290	
95-95-4	2,4,5-Trichlorophenol	ND	290	
88-06-2	2,4,6-Trichlorophenol	ND	290	
120-83-2	2,4-Dichlorophenol	ND	290	
51-28-5	2,4-Dinitrophenol	ND	1200	
121-14-2	2,4-Dinitrotoluene	ND	290	
105-67-9	2,4-dimethylphenol	ND	290	
87-65-0	2,6-Dichlorophenol	ND	290	
606-20-2	2,6-Dinitrotoluene	ND	290	
91-58-7	2-Chloronaphthalene	ND	290	
95-57-8	2-Chlorophenol	ND	290	
91-57-6	2-Methylnaphthalene	ND	290	
95-48-7	2-Methylphenol	ND	290	
88-74-4	2-Nitroaniline	ND	290	
88-75-5	2-Nitrophenol	ND	290	
108-39-4/106-44-	3&4-Methylphenol	ND	580	
91-94-1	3,3'-Dichlorobenzidine	ND	290	
56-49-5	3-Methylcholanthrene	ND	580	
99-09-2	3-Nitroaniline	ND	290	
534-52-1	4,6-Dinitro-2-methylphenol	ND	580	
101-55-3	4-Bromophenyl-phenylether	ND	290	
59-50-7	4-Chloro-3-methylphenol	ND	290	
106-47-8	4-Chloroaniline	ND	290	
7005-72-3	4-Chlorophenyl-phenylether	ND	290	
100-01-6	4-Nitroaniline	ND	290	
100-02-7	4-Nitrophenol	ND	290	
56-57-5	4-nitroquinoline-1-oxide	ND	2300	
83-32-9	Acenaphthene	ND	290	
208-96-8	Acenaphthylene	ND	290	
98-86-2	Acetophenone	ND	290	
62-53-3	Aniline	ND	290	
120-12-7	Anthracene	ND	290	

140-57-8	Aramite	ND	580
103-33-3	Azobenzene	ND	290
92-87-5	Benzidine	ND	290
56-55-3	Benzo(a)anthracene	ND	290
50-32-8	Benzo(a)pyrene	540	290
205-99-2	Benzo(b)fluoranthene	560	290
191-24-2	Benzo(g,h,i)perylene	1100	290
207-08-9	Benzo(k)fluoranthene	350	290
65-85-0	Benzoic acid	ND	580
100-51-6	Benzyl alcohol	ND	290
111-44-4	Bis(2-Chloroethyl)ether	ND	290
117-81-7	Bis(2-ethylhexyl)phthalate	300	290
85-68-7	Butylbenzylphthalate	ND	290
86-74-8	Carbazole	ND	290
510-15-6	Chlorobenzilate	ND	290
218-01-9	Chrysene	ND	290
84-74-2	Di-n-butylphthalate	ND	290
117-84-0	Di-n-octyl phthalate	ND	580
53-70-3	Dibenz(a,h)anthracene	ND	290
132-64-9	Dibenzofuran	ND	290
84-66-2	Diethylphthalate	ND	290
131-11-3	Dimethyl phthalate	ND	290
88-85-7	Dinoseb	ND	580
62-50-0	Ethyl methanesulfonate	ND	290
206-44-0	Fluoranthene	ND	290
86-73-7	Fluorene	ND	290
118-74-1	Hexachlorobenzene	ND	290
87-68-3	Hexachlorobutadiene	ND	290
77-47-4	Hexachlorocyclopentadiene	ND	290
67-72-1	Hexachloroethane	ND	290
1888-71-7	Hexachloropropene	ND	290
193-39-5	Indeno(1,2,3-cd)pyrene	630	290
465-73-6	Isodrin	ND	290
78-59-1	Isophorone	ND	290
120-58-1	Isosafrole	ND	290
143-50-0	Kepone	ND	580
66-27-3	Methyl methanesulfonate	ND	290
86-30-6	N-Nitrosodiphenylamine	ND	290
621-64-7	N-nitroso-di-n-propylamine	ND	290
62-75-9	N-nitrosodimethylamine	ND	290
91-20-3	Naphthalene	ND	290
98-95-3	Nitrobenzene	ND	290
608-93-5	Pentachlorobenzene	ND	290
82-68-8	Pentachloronitrobenzene	ND	290
87-86-5	Pentachlorophenol	ND	580
62-44-2	Phenacetin	ND	290
85-01-8	Phenanthrene	ND	290
108-95-2	Phenol	ND	290
129-00-0	Pyrene	ND	290
110-86-1	Pyridine	ND	290
94-59-7	Safrole	ND	290
111-91-1	bis(-2-Chloroethoxy)methane	ND	290

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	65	24 - 110
Phenol-d6 (SS2)	65	25 - 113
Nitrobenzene-d5 (SS3)	65	25 - 111
2,4,6-Tribromophenol (SS5)	88	15 - 130
p-Terphenyl-d14 (SS6)	75	24 - 122
2-Fluorobiphenyl (SS4)	70	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

A & J Floral - Benton, ME

BNAs in Soils Medium Level

Client Sample ID: D30195
Date of Collection: 4/26/2011
Date of Extraction: 5/2/11
Date of Analysis: 5/4/11
Dry Weight Extracted: 5.826 grams
Wet Weight Extracted: 10.525 grams
Final Volume: 1 mL

Lab Sample ID: AB16960
Matrix: Soil
Volume Extracted: N/A
Percent Solids: 55%
Extract Dilution: 1
pH: N/A
GPC Factor: N/A

CAS Number	Compound	Concentration ug/Kg	RL ug/Kg	Qualifier
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	430	
120-82-1	1,2,4-Trichlorobenzene	ND	430	
95-50-1	1,2-Dichlorobenzene	ND	430	
541-73-1	1,3-Dichlorobenzene	ND	430	
99-65-0	1,3-Dinitrobenzene	ND	430	
106-46-7	1,4-Dichlorobenzene	ND	430	
130-15-4	1,4-Naphthoquinone	ND	860	
90-12-0	1-Methylnaphthalene	ND	430	
108-60-1	2,2'-oxybis(1-chloropropane)	ND	430	
58-90-2	2,3,4,6-Tetrachlorophenol	ND	430	
95-95-4	2,4,5-Trichlorophenol	ND	430	
88-06-2	2,4,6-Trichlorophenol	ND	430	
120-83-2	2,4-Dichlorophenol	ND	430	
51-28-5	2,4-Dinitrophenol	ND	1700	
121-14-2	2,4-Dinitrotoluene	ND	430	
105-67-9	2,4-dimethylphenol	ND	430	
87-65-0	2,6-Dichlorophenol	ND	430	
606-20-2	2,6-Dinitrotoluene	ND	430	
91-58-7	2-Chloronaphthalene	ND	430	
95-57-8	2-Chlorophenol	ND	430	
91-57-6	2-Methylnaphthalene	ND	430	
95-48-7	2-Methylphenol	ND	430	
88-74-4	2-Nitroaniline	ND	430	
88-75-5	2-Nitrophenol	ND	430	
108-39-4/106-44-	3&4-Methylphenol	ND	860	
91-94-1	3,3'-Dichlorobenzidine	ND	430	
56-49-5	3-Methylcholanthrene	ND	860	
99-09-2	3-Nitroaniline	ND	430	
534-52-1	4,6-Dinitro-2-methylphenol	ND	860	
101-55-3	4-Bromophenyl-phenylether	ND	430	
59-50-7	4-Chloro-3-methylphenol	ND	430	
106-47-8	4-Chloroaniline	ND	430	
7005-72-3	4-Chlorophenyl-phenylether	ND	430	
100-01-6	4-Nitroaniline	ND	430	
100-02-7	4-Nitrophenol	ND	430	
56-57-5	4-nitroquinoline-1-oxide	ND	3400	
83-32-9	Acenaphthene	ND	430	
208-96-8	Acenaphthylene	ND	430	
98-86-2	Acetophenone	ND	430	
62-53-3	Aniline	ND	430	
120-12-7	Anthracene	ND	430	

140-57-8	Aramite	ND	860
103-33-3	Azobenzene	ND	430
92-87-5	Benzidine	ND	430
56-55-3	Benzo(a)anthracene	ND	430
50-32-8	Benzo(a)pyrene	ND	430
205-99-2	Benzo(b)fluoranthene	ND	430
191-24-2	Benzo(g,h,i)perylene	ND	430
207-08-9	Benzo(k)fluoranthene	ND	430
65-85-0	Benzoic acid	ND	860
100-51-6	Benzyl alcohol	ND	430
111-44-4	Bis(2-Chloroethyl)ether	ND	430
117-81-7	Bis(2-ethylhexyl)phthalate	ND	430
85-68-7	Butylbenzylphthalate	ND	430
86-74-8	Carbazole	ND	430
510-15-6	Chlorobenzilate	ND	430
218-01-9	Chrysene	ND	430
84-74-2	Di-n-butylphthalate	ND	430
117-84-0	Di-n-octyl phthalate	ND	860
53-70-3	Dibenz(a,h)anthracene	ND	430
132-64-9	Dibenzofuran	ND	430
84-66-2	Diethylphthalate	ND	430
131-11-3	Dimethyl phthalate	ND	430
88-85-7	Dinoseb	ND	860
62-50-0	Ethyl methanesulfonate	ND	430
206-44-0	Fluoranthene	ND	430
86-73-7	Fluorene	ND	430
118-74-1	Hexachlorobenzene	ND	430
87-68-3	Hexachlorobutadiene	ND	430
77-47-4	Hexachlorocyclopentadiene	ND	430
67-72-1	Hexachloroethane	ND	430
1888-71-7	Hexachloropropene	ND	430
193-39-5	Indeno(1,2,3-cd)pyrene	ND	430
465-73-6	Isodrin	ND	430
78-59-1	Isophorone	ND	430
120-58-1	Isosafrole	ND	430
143-50-0	Kepone	ND	860
66-27-3	Methyl methanesulfonate	ND	430
86-30-6	N-Nitrosodiphenylamine	ND	430
621-64-7	N-nitroso-di-n-propylamine	ND	430
62-75-9	N-nitrosodimethylamine	ND	430
91-20-3	Naphthalene	ND	430
98-95-3	Nitrobenzene	ND	430
608-93-5	Pentachlorobenzene	ND	430
82-68-8	Pentachloronitrobenzene	ND	430
87-86-5	Pentachlorophenol	ND	860
62-44-2	Phenacetin	ND	430
85-01-8	Phenanthrene	ND	430
108-95-2	Phenol	ND	430
129-00-0	Pyrene	ND	430
110-86-1	Pyridine	ND	430
94-59-7	Safrole	ND	430
111-91-1	bis(-2-Chloroethoxy)methane	ND	430

Surrogate Compounds	Recoveries (%)	QC Ranges
2-Fluorophenol (SS1)	38	24 - 110
Phenol-d6 (SS2)	38	25 - 113
Nitrobenzene-d5 (SS3)	37	25 - 111
2,4,6-Tribromophenol (SS5)	48	15 - 130
p-Terphenyl-d14 (SS6)	46	24 - 122
2-Fluorobiphenyl (SS4)	42	28 - 111

Comments: The reporting levels of the following compounds have been raised to reflect the calibration range of the analytical method; benzoic acid, 1,4-naphthoquinone, 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, pentachlorophenol, dinoseb, aramite, kepone, di-n-octyl phthalate, 3-methylcholanthrene, and 4-nitroquinoline-1-oxide.

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

BNA MATRIX SPIKE (MS) RESULTS

A & J Floral - Benton, ME

Sample ID: AB16948

PARAMETER	SPIKE ADDED ug/Kg	SAMPLE CONCENTRATION ug/Kg	MS CONCENTRATION ug/Kg	MS % REC	QC LIMITS (% REC)
1,2,4,5-Tetrachlorobenzene	5700	ND	3700	65	47 - 97
1,2,4-Trichlorobenzene	5700	ND	3600	63	46 - 95
1,2-Dichlorobenzene	5700	ND	3200	56	42 - 90
1,3-Dichlorobenzene	5700	ND	3100	55	41 - 86
1,3-Dinitrobenzene	5700	ND	4000	70	36 - 117
1,4-Dichlorobenzene	5700	ND	3100	55	41 - 86
1,4-Naphthoquinone	5700	ND	3200	56	10 - 123
1-Methylnaphthalene	5700	ND	3800	67	49 - 99
2,2'-oxybis(1-chloropropane)	5700	ND	3300	58	35 - 117
2,3,4,6-Tetrachlorophenol	5700	ND	4500	79	7.7 - 168
2,4,5-Trichlorophenol	5700	ND	4300	76	54 - 103
2,4,6-Trichlorophenol	5700	ND	4300	76	33 - 119
2,4-Dichlorophenol	5700	ND	4000	70	42 - 107
2,4-Dinitrophenol	5700	ND	3400	60	10 - 114
2,4-Dinitrotoluene	5700	ND	4200	74	29 - 129
2,4-dimethylphenol	5700	ND	3700	65	35 - 105
2,6-Dichlorophenol	5700	ND	3900	69	28 - 114
2,6-Dinitrotoluene	5700	ND	4100	72	57 - 105
2-Chloronaphthalene	5700	ND	3800	67	45 - 108
2-Chlorophenol	5700	ND	3700	65	41 - 102
2-Methylnaphthalene	5700	ND	4100	72	43 - 101
2-Methylphenol	5700	ND	3800	67	45 - 102
2-Nitroaniline	5700	ND	4300	76	40 - 142
2-Nitrophenol	5700	ND	3900	69	48 - 99
3&4-Methylphenol	11000	ND	7500	66	10 - 154
3,3'-Dichlorobenzidine	5700	ND	1800	32	10 - 137
3-Methylcholanthrene	5700	ND	4700	83	25 - 123
3-Nitroaniline	5700	ND	3800	67	30 - 114
4,6-Dinitro-2-methylphenol	5700	ND	3900	69	10 - 115
4-Bromophenyl-phenylether	5700	ND	4200	74	48 - 116
4-Chloro-3-methylphenol	5700	ND	4200	74	43 - 112
4-Chloroaniline	5700	ND	3100	55	17 - 94
4-Chlorophenyl-phenylether	5700	ND	4000	70	52 - 103
4-Nitroaniline	5700	ND	3300	58	17 - 117
4-Nitrophenol	5700	ND	4600	81	17 - 141
4-nitroquinoline-1-oxide	5700	ND	2900	51	4.4 - 101
Acenaphthene	5700	ND	4000	70	53 - 101
Acenaphthylene	5700	ND	4100	72	56 - 99
Acetophenone	5700	ND	3500	62	46 - 101
Aniline	5700	ND	2200	39	10 - 90
Anthracene	5700	ND	4500	79	58 - 108
Aramite	5700	ND	4400	78	39 - 118
Azobenzene	5700	ND	4000	70	53 - 117
Benzidine	5700	ND	ND	ND	10 - 41
Benzo(a)anthracene	5700	ND	4600	81	50 - 112
Benzo(a)pyrene	5700	ND	4600	81	34 - 122
Benzo(b)fluoranthene	5700	ND	4600	81	42 - 120
Benzo(g,h,i)perylene	5700	ND	4500	79	50 - 108
Benzo(k)fluoranthene	5700	ND	4200	74	33 - 116
Benzoic acid	5700	ND	2600	46	10 - 168

Benzyl alcohol	5700	ND	3700	65	18 - 131
Bis(2-Chloroethyl)ether	5700	ND	3300	58	45 - 98
Bis(2-ethylhexyl)phthalate	5700	ND	4500	79	22 - 151
Butylbenzylphthalate	5700	ND	4600	81	56 - 120
Carbazole	5700	ND	4100	72	52 - 114
Chlorobenzilate	5700	ND	4800	85	50 - 129
Chrysene	5700	ND	4400	78	43 - 111
Di-n-butylphthalate	5700	ND	4500	79	57 - 125
Di-n-octyl phthalate	5700	ND	4200	74	39 - 128
Dibenz(a,h)anthracene	5700	ND	4600	81	31 - 129
Dibenzofuran	5700	ND	3900	69	53 - 100
Diethylphthalate	5700	ND	4000	70	54 - 106
Dimethyl phthalate	5700	ND	3900	69	54 - 104
Dinoseb	5700	ND	4100	72	6.4 - 114
Ethyl methanesulfonate	5700	ND	3300	58	46 - 100
Fluoranthene	5700	ND	4600	81	43 - 126
Fluorene	5700	ND	4200	74	57 - 103
Hexachlorobenzene	5700	ND	4200	74	46 - 113
Hexachlorobutadiene	5700	ND	3600	63	44 - 93
Hexachlorocyclopentadiene	5700	ND	2700	48	10 - 115
Hexachloroethane	5700	ND	3200	56	36 - 88
Hexachloropropene	5700	ND	3400	60	10 - 112
Indeno(1,2,3-cd)pyrene	5700	ND	4700	83	29 - 131
Isodrin	5700	ND	4200	74	6.7 - 141
Isophorone	5700	ND	3700	65	52 - 108
Isosafrole	5700	ND	3700	65	49 - 97
Kepone	5700	ND	3700	65	10 - 126
Methyl methanesulfonate	5700	ND	3300	58	15 - 112
N-Nitrosodiphenylamine	5700	ND	4100	72	50 - 107
N-nitroso-di-n-propylamine	5700	ND	3500	62	45 - 108
N-nitrosodimethylamine	5700	ND	2900	51	34 - 90
Naphthalene	5700	ND	3700	65	43 - 100
Nitrobenzene	5700	ND	3500	62	46 - 103
Pentachlorobenzene	5700	ND	4000	70	50 - 101
Pentachloronitrobenzene	5700	ND	4600	81	51 - 119
Pentachlorophenol	5700	ND	4400	78	6.2 - 128
Phenacetin	5700	ND	4400	78	54 - 124
Phenanthrene	5700	ND	4300	76	47 - 119
Phenol	5700	ND	3600	63	48 - 97
Pyrene	5700	ND	4500	79	49 - 117
Pyridine	5700	ND	2100	37	14 - 67
Safrole	5700	ND	4000	70	49 - 103
bis(-2-Chloroethoxy)methane	5700	ND	3500	62	47 - 102

Comments:

Laboratory Duplicate Results

A & J Floral - Benton, ME

Sample ID: AB16948

PARAMETER	SAMPLE RESULT ug/Kg	SAMPLE DUPLICATE RESULT ug/Kg	PRECISION RPD %	QC LIMITS
1,2,4,5-Tetrachlorobenzene	ND	ND	ND	50
1,2,4-Trichlorobenzene	ND	ND	ND	50
1,2-Dichlorobenzene	ND	ND	ND	50
1,3-Dichlorobenzene	ND	ND	ND	50
1,3-Dinitrobenzene	ND	ND	ND	50
1,4-Dichlorobenzene	ND	ND	ND	50
1,4-Naphthoquinone	ND	ND	ND	50
1-Methylnaphthalene	ND	ND	ND	50
2,2'-oxybis(1-chloropropane)	ND	ND	ND	50
2,3,4,6-Tetrachlorophenol	ND	ND	ND	50
2,4,5-Trichlorophenol	ND	ND	ND	50
2,4,6-Trichlorophenol	ND	ND	ND	50
2,4-Dichlorophenol	ND	ND	ND	50
2,4-Dinitrophenol	ND	ND	ND	50
2,4-Dinitrotoluene	ND	ND	ND	50
2,4-dimethylphenol	ND	ND	ND	50
2,6-Dichlorophenol	ND	ND	ND	50
2,6-Dinitrotoluene	ND	ND	ND	50
2-Chloronaphthalene	ND	ND	ND	50
2-Chlorophenol	ND	ND	ND	50
2-Methylnaphthalene	ND	ND	ND	50
2-Methylphenol	ND	ND	ND	50
2-Nitroaniline	ND	ND	ND	50
2-Nitrophenol	ND	ND	ND	50
3&4-Methylphenol	ND	ND	ND	50
3,3'-Dichlorobenzidine	ND	ND	ND	50
3-Methylcholanthrene	ND	ND	ND	50
3-Nitroaniline	ND	ND	ND	50
4,6-Dinitro-2-methylphenol	ND	ND	ND	50
4-Bromophenyl-phenylether	ND	ND	ND	50
4-Chloro-3-methylphenol	ND	ND	ND	50
4-Chloroaniline	ND	ND	ND	50
4-Chlorophenyl-phenylether	ND	ND	ND	50
4-Nitroaniline	ND	ND	ND	50
4-Nitrophenol	ND	ND	ND	50
4-nitroquinoline-1-oxide	ND	ND	ND	50
Acenaphthene	ND	ND	ND	50
Acenaphthylene	ND	ND	ND	50
Acetophenone	ND	ND	ND	50
Aniline	ND	ND	ND	50
Anthracene	ND	ND	ND	50
Aramite	ND	ND	ND	50
Azobenzene	ND	ND	ND	50
Benzidine	ND	ND	ND	50
Benzo(a)anthracene	ND	ND	ND	50
Benzo(a)pyrene	ND	ND	ND	50
Benzo(b)fluoranthene	ND	ND	ND	50
Benzo(g,h,i)perylene	ND	ND	ND	50
Benzo(k)fluoranthene	ND	ND	ND	50
Benzoic acid	ND	ND	ND	50
Benzyl alcohol	ND	ND	ND	50
Bis(2-Chloroethyl)ether	ND	ND	ND	50
Bis(2-ethylhexyl)phthalate	ND	ND	ND	50
Butylbenzylphthalate	ND	ND	ND	50
Carbazole	ND	ND	ND	50

Chlorobenzilate	ND	ND	ND	50
Chrysene	ND	ND	ND	50
Di-n-butylphthalate	ND	ND	ND	50
Di-n-octyl phthalate	ND	ND	ND	50
Dibenz(a,h)anthracene	ND	ND	ND	50
Dibenzofuran	ND	ND	ND	50
Diethylphthalate	ND	ND	ND	50
Dimethyl phthalate	ND	ND	ND	50
Dinoseb	ND	ND	ND	50
Ethyl methanesulfonate	ND	ND	ND	52
Fluoranthene	ND	ND	ND	50
Fluorene	ND	ND	ND	50
Hexachlorobenzene	ND	ND	ND	50
Hexachlorobutadiene	ND	ND	ND	50
Hexachlorocyclopentadiene	ND	ND	ND	50
Hexachloroethane	ND	ND	ND	50
Hexachloropropene	ND	ND	ND	50
Indeno(1,2,3-cd)pyrene	ND	ND	ND	50
Isodrin	ND	ND	ND	50
Isophorone	ND	ND	ND	50
Isosafrole	ND	ND	ND	50
Kepone	ND	ND	ND	50
Methyl methanesulfonate	ND	ND	ND	50
N-Nitrosodiphenylamine	ND	ND	ND	50
N-nitroso-di-n-propylamine	ND	ND	ND	50
N-nitrosodimethylamine	ND	ND	ND	50
Naphthalene	ND	ND	ND	50
Nitrobenzene	ND	ND	ND	50
Pentachlorobenzene	ND	ND	ND	50
Pentachloronitrobenzene	ND	ND	ND	50
Pentachlorophenol	ND	ND	ND	50
Phenacetin	ND	ND	ND	50
Phenanthrene	ND	ND	ND	50
Phenol	ND	ND	ND	50
Pyrene	ND	ND	ND	50
Pyridine	ND	ND	ND	50
Safrole	ND	ND	ND	50
bis(-2-Chloroethoxy)methane	ND	ND	ND	50

US ENVIRONMENTAL PROTECTION AGENCY
NEW ENGLAND LABORATORY

Laboratory Fortified Blank (LFB) Results

A & J Floral - Benton, ME

PARAMETER	LFB AMOUNT SPIKED ug/L	LFB RESULT ug/L	LFB RECOVERY %	QC LIMITS %
1,2,4,5-Tetrachlorobenzene	3935	3260	83	41 - 113
1,2,4-Trichlorobenzene	3935	3160	80	39 - 111
1,2-Dichlorobenzene	3935	2910	74	36 - 106
1,3-Dichlorobenzene	3935	2880	73	35 - 103
1,3-Dinitrobenzene	3935	3380	86	26 - 138
1,4-Dichlorobenzene	3935	2890	73	35 - 103
1,4-Naphthoquinone	3935	3450	88	37 - 134
1-Methylnaphthalene	3935	3240	82	41 - 117
2,2'-oxybis(1-chloropropane)	3935	2920	74	30 - 134
2,3,4,6-Tetrachlorophenol	3935	3000	76	16 - 153
2,4,5-Trichlorophenol	3935	3320	84	38 - 122
2,4,6-Trichlorophenol	3935	3180	81	39 - 121
2,4-Dichlorophenol	3935	3320	84	40 - 118
2,4-Dinitrophenol	3935	1090	28	10 - 71
2,4-Dinitrotoluene	3935	3550	90	47 - 127
2,4-dimethylphenol	3935	3150	80	30 - 120
2,6-Dichlorophenol	3935	3260	83	40 - 116
2,6-Dinitrotoluene	3935	3420	87	46 - 128
2-Chloronaphthalene	3935	3260	83	42 - 125
2-Chlorophenol	3935	3180	81	41 - 115
2-Methylnaphthalene	3935	3450	88	35 - 120
2-Methylphenol	3935	3220	82	40 - 119
2-Nitroaniline	3935	3500	89	29 - 163
2-Nitrophenol	3935	2940	75	35 - 115
3&4-Methylphenol	7870	6390	81	3.5 - 149
3,3'-Dichlorobenzidine	3935	3190	81	29 - 114
3-Methylcholanthrene	3935	3980	101	40 - 126
3-Nitroaniline	3935	3170	81	44 - 120
4,6-Dinitro-2-methylphenol	3935	2080	53	10 - 97
4-Bromophenyl-phenylether	3935	3510	89	40 - 133
4-Chloro-3-methylphenol	3935	3400	86	36 - 133
4-Chloroaniline	3935	2900	74	28 - 99
4-Chlorophenyl-phenylether	3935	3290	84	45 - 119
4-Nitroaniline	3935	3380	86	37 - 131
4-Nitrophenol	3935	3370	86	15 - 141
4-nitroquinoline-1-oxide	3935	2690	68	19 - 118
Acenaphthene	3935	3330	85	44 - 119
Acenaphthylene	3935	3410	87	44 - 121
Acetophenone	3935	3070	78	41 - 115
Aniline	3935	2520	64	20 - 99
Anthracene	3935	3820	97	40 - 137
Aramite	3935	3480	88	37 - 118
Azobenzene	3935	3530	90	41 - 141
Benzidine	3935	1460	37	2 - 76
Benzo(a)anthracene	3935	3850	98	46 - 128
Benzo(a)pyrene	3935	3840	98	49 - 124
Benzo(b)fluoranthene	3935	3650	93	41 - 135
Benzo(g,h,i)perylene	3935	3800	97	47 - 123
Benzo(k)fluoranthene	3935	3800	97	50 - 114
Benzoic acid	3935	4760	121	10 - 122

Benzyl alcohol	3935	3180	81	28 - 129
Bis(2-Chloroethyl)ether	3935	2980	76	40 - 112
Bis(2-ethylhexyl)phthalate	3935	3390	86	38 - 143
Butylbenzylphthalate	3935	3730	95	40 - 143
Carbazole	3935	3560	91	42 - 133
Chlorobenzilate	3935	3930	100	45 - 139
Chrysene	3935	3670	93	47 - 118
Di-n-butylphthalate	3935	3770	96	33 - 183
Di-n-octyl phthalate	3935	3370	86	44 - 125
Dibenz(a,h)anthracene	3935	3990	101	47 - 128
Dibenzofuran	3935	3220	82	44 - 118
Diethylphthalate	3935	3360	85	44 - 132
Dimethyl phthalate	3935	3290	84	46 - 121
Dinoseb	3935	2730	69	10 - 118
Ethyl methanesulfonate	3935	3000	76	41 - 117
Fluoranthene	3935	3750	95	42 - 135
Fluorene	3935	3430	87	47 - 122
Hexachlorobenzene	3935	3580	91	38 - 133
Hexachlorobutadiene	3935	3220	82	40 - 108
Hexachlorocyclopentadiene	3935	3340	85	18 - 130
Hexachloroethane	3935	2890	73	34 - 106
Hexachloropropene	3935	3330	85	31 - 115
Indeno(1,2,3-cd)pyrene	3935	3920	100	46 - 127
Isodrin	3935	3610	92	43 - 137
Isophorone	3935	3220	82	45 - 125
Isosafrole	3935	3180	81	41 - 115
Kepone	3935	1620	41	12 - 101
Methyl methanesulfonate	3935	3000	76	6.3 - 136
N-Nitrosodiphenylamine	3935	3520	90	30 - 148
N-nitroso-di-n-propylamine	3935	3000	76	41 - 122
N-nitrosodimethylamine	3935	2700	69	28 - 107
Naphthalene	3935	3210	82	38 - 118
Nitrobenzene	3935	3090	79	40 - 119
Pentachlorobenzene	3935	3370	86	44 - 116
Pentachloronitrobenzene	3935	3880	99	39 - 139
Pentachlorophenol	3935	2770	70	10 - 117
Phenacetin	3935	3800	97	39 - 146
Phenanthrene	3935	3530	90	39 - 134
Phenol	3935	3100	79	39 - 121
Pyrene	3935	3660	93	45 - 130
Pyridine	3935	2110	54	22 - 77
Safrole	3935	3290	84	45 - 119
bis(-2-Chloroethoxy)methane	3935	3130	80	40 - 119

Comments:

Samples in Batch AB16941, AB16942, AB16943, AB16944, AB16945, AB16946, AB16947, AB16948, AB16949, AB16950,
AB16951, AB16952, AB16953, AB16954, AB16955, AB16956, AB16957, AB16958, AB16959, AB16960

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	D30176	SS-01	Metals by ICP	Soil	4/26/2011	11:30	1	8 oz. jar	None	Y
	D30176	SS-01	OILID	Soil	4/26/2011	11:30	1	8 oz. jar	None	Y
	D30176	SS-01	Percent Solids	Soil	4/26/2011	11:30	1	40 mL VOA	None	Y
	D30176	SS-01	Pest/PCB (\$PESMS)	Soil	4/26/2011	11:30	2	8 oz. jar	None	Y
	D30176	SS-01	SVOCs (\$BNAMS)	Soil	4/26/2011	11:30	1	8 oz. jar	None	Y
	D30176	SS-01	VOCs (\$VOAHS)	Soil	4/26/2011	11:30	1	40 mL VOA	MeOH	Y
	D30176	SS-01	VOCs (\$VOAHS)	Soil	4/26/2011	11:30	1	40 mL VOA	MeOH	Y
	D30177	SS-02	OILID	Soil	4/26/2011	11:50	1	4 oz. jar	None	N
	D30177	SS-02	Percent Solids	Soil	4/26/2011	11:50	1	40 mL VOA	None	N
	D30177	SS-02	Pest/PCB (\$PESMS)	Soil	4/26/2011	11:50	1	8 oz. jar	None	N
	D30177	SS-02	SVOCs (\$BNAMS)	Soil	4/26/2011	11:50	1	4 oz. jar	None	N
	D30177	SS-02	VOCs (\$VOAHS)	Soil	4/26/2011	11:50	1	40 mL VOA	MeOH	N
	D30178	SS-03	Metals by ICP	Soil	4/26/2011	12:20	1	4 oz. jar	None	N
	D30178	SS-03	OILID	Soil	4/26/2011	12:20	1	4 oz. jar	None	N
	D30178	SS-03	Pest/PCB (\$PESMS)	Soil	4/26/2011	12:20	1	8 oz. jar	None	N
	D30178	SS-03	SVOCs (\$BNAMS)	Soil	4/26/2011	12:20	1	4 oz. jar	None	N
	D30179	SS-04	OILID	Soil	4/26/2011	12:45	1	4 oz. jar	None	N
	D30179	SS-04	Percent Solids	Soil	4/26/2011	12:45	1	40 mL VOA	None	N
	D30179	SS-04	Pest/PCB (\$PESMS)	Soil	4/26/2011	12:45	1	8 oz. jar	None	N

Special Instructions:

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

[illegible]

Hand Delivered: 4/28/11

A & J Floral

Ted Bazenas

Site #: R01-110426TB

Lab: OEME

Ted Bazenas
617-918-4710

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	D30179	SS-04	SVOCs (\$BNAMS)	Soil	4/26/2011	12:45	1	4 oz. jar	None	N
	D30179	SS-04	VOCs (\$VOAHS)	Soil	4/26/2011	12:45	1	40 mL VOA	MeOH	N
	D30180	SS-05	Metals by ICP	Soil	4/26/2011	11:39	1	4 oz. jar	None	N
	D30180	SS-05	OILID	Soil	4/26/2011	11:39	1	4 oz. jar	None	N
	D30180	SS-05	Pest/PCB (\$PESMS)	Soil	4/26/2011	11:39	1	8 oz. jar	None	N
	D30180	SS-05	SVOCs (\$BNAMS)	Soil	4/26/2011	11:39	1	4 oz. jar	None	N
	D30181	SS-06	OILID	Soil	4/26/2011	12:04	1	4 oz. jar	None	N
	D30181	SS-06	SVOCs (\$BNAMS)	Soil	4/26/2011	12:04	1	4 oz. jar	None	N
	D30182	SS-07	OILID	Soil	4/26/2011	12:22	1	4 oz. jar	None	N
	D30182	SS-07	Pest/PCB (\$PESMS)	Soil	4/26/2011	12:22	1	8 oz. jar	None	N
	D30182	SS-07	SVOCs (\$BNAMS)	Soil	4/26/2011	12:22	1	4 oz. jar	None	N
	D30183	SS-08	OILID	Soil	4/26/2011	12:33	1	4 oz. jar	None	N
	D30183	SS-08	SVOCs (\$BNAMS)	Soil	4/26/2011	12:33	1	4 oz. jar	None	N
	D30184	SS-09	OILID	Soil	4/26/2011	12:50	1	4 oz. jar	None	N
	D30184	SS-09	Percent Solids	Soil	4/26/2011	12:50	1	40 mL VOA	None	N
	D30184	SS-09	Pest/PCB (\$PESMS)	Soil	4/26/2011	12:50	1	8 oz. jar	None	N
	D30184	SS-09	SVOCs (\$BNAMS)	Soil	4/26/2011	12:50	1	4 oz. jar	None	N
	D30184	SS-09	VOCs (\$VOAHS)	Soil	4/26/2011	12:50	1	40 mL VOA	MeOH	N
	D30185	SS-10	OILID	Soil	4/26/2011	13:43	1	4 oz. jar	None	N

Special Instructions:

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

[illegible]

CHAIN OF CUSTODY RECORD

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	D30185	SS-10	Pest/PCB (\$PESMS)	Soil	4/26/2011	13:43	1	8 oz. jar	None	N
	D30185	SS-10	SVOCs (\$BNAMS)	Soil	4/26/2011	13:43	1	4 oz. jar	None	N
	D30186	SS-11	OILID	Soil	4/26/2011	14:02	1	4 oz. jar	None	N
	D30186	SS-11	SVOCs (\$BNAMS)	Soil	4/26/2011	14:02	1	4 oz. jar	None	N
	D30187	SS-12	OILID	Soil	4/26/2011	14:15	1	4 oz. jar	None	N
	D30187	SS-12	SVOCs (\$BNAMS)	Soil	4/26/2011	14:15	1	4 oz. jar	None	N
	D30188	SS-13	OILID	Soil	4/26/2011	14:20	1	4 oz. jar	None	N
	D30188	SS-13	SVOCs (\$BNAMS)	Soil	4/26/2011	14:20	1	4 oz. jar	None	N
	D30189	SS-14	Metals by ICP	Soil	4/26/2011	14:40	1	4 oz. jar	None	N
	D30189	SS-14	OILID	Soil	4/26/2011	14:40	1	4 oz. jar	None	N
	D30189	SS-14	SVOCs (\$BNAMS)	Soil	4/26/2011	14:40	1	4 oz. jar	None	N
	D30190	SS-15	OILID	Soil	4/26/2011	14:43	1	4 oz. jar	None	N
	D30190	SS-15	Pest/PCB (\$PESMS)	Soil	4/26/2011	14:43	1	8 oz. jar	None	N
	D30190	SS-15	SVOCs (\$BNAMS)	Soil	4/26/2011	14:43	1	4 oz. jar	None	N
	D30191	SS-16	OILID	Soil	4/26/2011	13:40	1	4 oz. jar	None	N
	D30191	SS-16	SVOCs (\$BNAMS)	Soil	4/26/2011	13:40	1	4 oz. jar	None	N
	D30192	SS-17	OILID	Soil	4/26/2011	13:50	1	4 oz. jar	None	N
	D30192	SS-17	SVOCs (\$BNAMS)	Soil	4/26/2011	13:50	1	4 oz. jar	None	N
	D30193	SS-18	OILID	Soil	4/26/2011	14:00	1	4 oz. jar	None	N

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CHAIN OF CUSTODY RECORD

No: 1-042611-225156-0001

Hand Delivered: 4/28/11

A & J Floral

Site #: R01-110426TB

Sampler Signature: *Ted Bazenas*

Lab: OEME

617-918-4710

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	D30193	SS-18	Pest/PCB (\$PESMS)	Soil	4/26/2011	14:00	1	8 oz. jar	None	N
	D30193	SS-18	SVOCs (\$BNAMS)	Soil	4/26/2011	14:00	1	4 oz. jar	None	N
	D30194	SS-19	OILID	Soil	4/26/2011	14:15	1	4 oz. jar	None	N
	D30194	SS-19	SVOCs (\$BNAMS)	Soil	4/26/2011	14:15	1	4 oz. jar	None	N
	D30195	SS-20	OILID	Soil	4/26/2011	14:25	1	4 oz. jar	None	N
	D30195	SS-20	Pest/PCB (\$PESMS)	Soil	4/26/2011	14:25	1	8 oz. jar	None	N
	D30195	SS-20	SVOCs (\$BNAMS)	Soil	4/26/2011	14:25	1	4 oz. jar	None	N
	D30196	SS-21	Metals by ICP	Soil	4/26/2011	15:17	1	4 oz. jar	None	N
	D30196	SS-21	OILID	Soil	4/26/2011	15:17	1	8 oz. jar	None	Y
	D30196	SS-21	Percent Solids	Soil	4/26/2011	15:17	1	40 mL VOA	None	Y
	D30196	SS-21	Pest/PCB (\$PESMS)	Soil	4/26/2011	15:17	2	8 oz. jar	None	Y
	D30196	SS-21	SVOCs (\$BNAMS)	Soil	4/26/2011	15:17	1	8 oz. jar	None	Y
	D30196	SS-21	VOCs (\$VOAHS)	Soil	4/26/2011	15:17	1	40 mL VOA	MeOH	Y
	D30196	SS-21	VOCs (\$VOAHS)	Soil	4/26/2011	15:17	1	40 mL VOA	MeOH	Y
	D30197	SS-22	OILID	Soil	4/26/2011	15:30	1	4 oz. jar	None	N
	D30197	SS-22	Percent Solids	Soil	4/26/2011	15:30	1	40 mL VOA	None	N
	D30197	SS-22	Pest/PCB (\$PESMS)	Soil	4/26/2011	15:30	1	8 oz. jar	None	N
	D30197	SS-22	SVOCs (\$BNAMS)	Soil	4/26/2011	15:30	1	4 oz. jar	None	N
	D30197	SS-22	VOCs (\$VOAHS)	Soil	4/26/2011	15:30	1	40 mL VOA	MeOH	N

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USEPA

Hand Delivered: 4/28/11

A & J Floral

Sampler Signature: 

Ted Bazenas

617-918-4710

Site #: R01-110426TB

Lab: OEME

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	D30198	SS-23	OILID	Soil	4/26/2011	15:52	1	4 oz. jar	None	N
	D30198	SS-23	Percent Solids	Soil	4/26/2011	15:52	1	40 mL VOA	None	N
	D30198	SS-23	Pest/PCB (\$PESMS)	Soil	4/26/2011	15:52	1	8 oz. jar	None	N
	D30198	SS-23	SVOCs (\$BNAMS)	Soil	4/26/2011	15:52	1	4 oz. jar	None	N
	D30198	SS-23	VOCs (\$VOAHS)	Soil	4/26/2011	15:52	1	40 mL VOA	MeOH	N
	D30199	SS-24	OILID	Soil	4/26/2011	16:08	1	4 oz. jar	None	N
	D30199	SS-24	Percent Solids	Soil	4/26/2011	16:08	1	40 mL VOA	None	N
	D30199	SS-24	Pest/PCB (\$PESMS)	Soil	4/26/2011	16:08	1	8 oz. jar	None	N
	D30199	SS-24	SVOCs (\$BNAMS)	Soil	4/26/2011	16:08	1	4 oz. jar	None	N
	D30199	SS-24	VOCs (\$VOAHS)	Soil	4/26/2011	16:08	1	40 mL VOA	MeOH	N
	D30200	SS-25	OILID	Soil	4/26/2011	15:20	1	4 oz. jar	None	N
	D30200	SS-25	Percent Solids	Soil	4/26/2011	15:20	1	40 mL VOA	None	N
	D30200	SS-25	Pest/PCB (\$PESMS)	Soil	4/26/2011	15:20	1	8 oz. jar	None	N
	D30200	SS-25	SVOCs (\$BNAMS)	Soil	4/26/2011	15:20	1	4 oz. jar	None	N
	D30200	SS-25	VOCs (\$VOAHS)	Soil	4/26/2011	15:20	1	40 mL VOA	MeOH	N
	D30201	SS-26	OILID	Soil	4/26/2011	15:45	1	4 oz. jar	None	N
	D30201	SS-26	Percent Solids	Soil	4/26/2011	15:45	1	40 mL VOA	None	N
	D30201	SS-26	Pest/PCB (\$PESMS)	Soil	4/26/2011	15:45	1	8 oz. jar	None	N
	D30201	SS-26	SVOCs (\$BNAMS)	Soil	4/26/2011	15:45	1	4 oz. jar	None	N

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CHAIN OF CUSTODY #

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Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	D30201	SS-26	VOCs (\$VOAHS)	Soil	4/26/2011	15:45	1	40 mL VOA	MeOH	N
	D30202	SS-27	OILID	Soil	4/26/2011	16:00	1	4 oz. jar	None	N
	D30202	SS-27	Percent Solids	Soil	4/26/2011	16:00	1	40 mL VOA	None	N
	D30202	SS-27	Pest/PCB (\$PESMS)	Soil	4/26/2011	16:00	1	8 oz. jar	None	N
	D30202	SS-27	SVOCs (\$BNAMS)	Soil	4/26/2011	16:00	1	4 oz. jar	None	N
	D30202	SS-27	VOCs (\$VOAHS)	Soil	4/26/2011	16:00	1	40 mL VOA	MeOH	N
	D30203	SS-28	OILID	Soil	4/26/2011	16:15	1	4 oz. jar	None	N
	D30203	SS-28	Percent Solids	Soil	4/26/2011	16:15	1	40 mL VOA	None	N
	D30203	SS-28	Pest/PCB (\$PESMS)	Soil	4/26/2011	16:15	1	8 oz. jar	None	N
	D30203	SS-28	SVOCs (\$BNAMS)	Soil	4/26/2011	16:15	1	4 oz. jar	None	N
	D30203	SS-28	VOCs (\$VOAHS)	Soil	4/26/2011	16:15	1	40 mL VOA	MeOH	N
	D30204	SS-29	OILID	Soil	4/26/2011	16:40	1	4 oz. jar	None	N
	D30204	SS-29	Percent Solids	Soil	4/26/2011	16:40	1	40 mL VOA	None	N
	D30204	SS-29	Pest/PCB (\$PESMS)	Soil	4/26/2011	16:40	1	8 oz. jar	None	N
	D30204	SS-29	SVOCs (\$BNAMS)	Soil	4/26/2011	16:40	1	4 oz. jar	None	N
	D30204	SS-29	VOCs (\$VOAHS)	Soil	4/26/2011	16:40	1	40 mL VOA	MeOH	N
	D30205	SS-30	OILID	Soil	4/26/2011	12:45	1	4 oz. jar	None	N
	D30205	SS-30	Percent Solids	Soil	4/26/2011	12:45	1	40 mL VOA	None	N
	D30205	SS-30	Pest/PCB (\$PESMS)	Soil	4/26/2011	12:45	1	8 oz. jar	None	N

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No: 1-042611-225156-0001

Site #: R01-110426TB

Lab: OEME

A & J Floral

Ted Bazenas

617-918-4710

USEPA

Hand Delivered: 4/28/11

Sampler Signature: *C. B. Jones*

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