

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BF081123 SAS No.: BF081123 SDG No.: BF081123
 Instrument ID: BNA_F Calibration Date/Time: 8/11/2023 1:08:08
 Lab File ID: BF134720.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
 GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.784	0.627		-20.026	
Pyridine	1.640	1.441		-12.134	
2-Fluorophenol	1.316	1.164		-11.55	
Benzaldehyde	0.917	0.775		-15.485	
Aniline	2.206	1.912		-13.327	
Phenol-d6	1.682	1.481		-11.95	
Phenol	1.657	1.530		-7.664	20.0
bis(2-Chloroethyl)ether	1.317	1.201		-8.808	
2-Chlorophenol	1.327	1.227		-7.536	
1,2-Dichlorobenzene	1.282	1.182		-7.8	
1,3-Dichlorobenzene	1.373	1.284		-6.482	
1,4-Dichlorobenzene	1.376	1.278		-7.122	20.0
Benzyl Alcohol	1.160	1.036		-10.69	
2-Methylphenol	1.173	1.074		-8.44	
2,2-oxybis(1-Chloropropane)	2.063	1.829		-11.343	
Acetophenone	0.462	0.403		-12.771	
3+4-Methylphenols	1.414	1.216		-14.003	
n-Nitroso-di-n-propylamine	1.007	0.858	0.050	-14.796	
Nitrobenzene-d5	0.320	0.341		6.563	
Hexachloroethane	0.483	0.471		-2.484	
Nitrobenzene	0.346	0.345		-0.289	
Isophorone	0.698	0.640		-8.309	
2-Nitrophenol	0.122	0.173		41.803	20.0
2,4-Dimethylphenol	0.311	0.286		-8.039	
bis(2-Chloroethoxy)methane	0.418	0.388		-7.177	
2,4-Dichlorophenol	0.283	0.269		-4.947	20.0
1,2,4-Trichlorobenzene	0.301	0.289		-3.987	
Benzoic acid	0.176	0.222		26.136	
Naphthalene	1.005	0.933		-7.164	
4-Chloroaniline	0.448	0.413		-7.813	
Hexachlorobutadiene	0.174	0.172		-1.149	20.0
Caprolactam	0.091	0.091		0.0	
4-Chloro-3-methylphenol	0.299	0.291		-2.676	20.0
2-Methylnaphthalene	0.666	0.623		-6.456	
Hexachlorocyclopentadiene	0.283	0.230	0.050	-18.728	
2,4,6-Trichlorophenol	0.381	0.377		-1.05	20.0
2-Fluorobiphenyl	1.203	1.127		-6.318	
2,4,5-Trichlorophenol	0.435	0.437		0.46	
1,1-Biphenyl	1.555	1.446		-7.01	
2-Chloronaphthalene	1.165	1.075		-7.725	
2-Nitroaniline	0.316	0.376		18.987	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.363	1.318		-3.302	
Acenaphthylene	1.832	1.698		-7.314	
2,6-Dinitrotoluene	0.248	0.307		23.79	
3-Nitroaniline	0.304	0.348		14.474	
Acenaphthene	1.187	1.137		-4.212	20.0
2,4-Dinitrophenol	0.079	0.142	0.050	79.747	
4-Nitrophenol	0.248	0.247	0.050	-0.403	
Dibenzofuran	1.690	1.579		-6.568	
2,4-Dinitrotoluene	0.292	0.393		34.589	
Diethylphthalate	1.292	1.246		-3.56	
4-Chlorophenyl-phenylether	0.605	0.576		-4.793	
Fluorene	1.231	1.141		-7.311	
4-Nitroaniline	0.298	0.342		14.765	
4,6-Dinitro-2-methylphenol	0.069	0.114		65.217	
n-Nitrosodiphenylamine	0.637	0.583		-8.477	20.0
Azobenzene	1.388	1.257		-9.438	
2,4,6-Tribromophenol	0.204	0.229		12.255	
4-Bromophenyl-phenylether	0.219	0.215		-1.826	
Hexachlorobenzene	0.231	0.225		-2.597	
Atrazine	0.172	0.166		-3.488	
Pentachlorophenol	0.143	0.152		6.294	20.0
Phenanthrene	1.062	0.970		-8.663	
Anthracene	1.085	0.996		-8.203	
Carbazole	0.969	0.883		-8.875	
Di-n-butylphthalate	1.029	1.005		-2.332	
Fluoranthene	1.122	1.038		-7.487	20.0
Benzidine	0.434	0.372		-14.286	
Pyrene	1.731	1.600		-7.568	
Terphenyl-d14	1.135	1.056		-6.96	
Butylbenzylphthalate	0.585	0.613		4.786	
3,3-Dichlorobenzidine	0.415	0.425		2.41	
Benzo (a) anthracene	1.430	1.233		-13.776	
Chrysene	1.393	1.285		-7.753	
Bis (2-ethylhexyl) phthalate	0.689	0.674		-2.177	
Di-n-octyl phthalate	1.047	1.123		7.259	20.0
Benzo (b) fluoranthene	1.220	1.179		-3.361	
Benzo (k) fluoranthene	1.215	1.207		-0.658	
Benzo (a) pyrene	1.137	1.101		-3.166	20.0
Indeno (1,2,3-cd) pyrene	1.176	1.168		-0.68	
Dibenzo (a,h) anthracene	0.951	0.948		-0.315	
Benzo (g,h,i) perylene	0.970	0.969		-0.103	



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EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.582	0.568		-2.405	
1,4-Dioxane	0.605	0.529		-12.562	20.0
2,3,4,6-Tetrachlorophenol	0.344	0.351		2.035	
1-Methylnaphthalene	0.620	0.583		-5.968	

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF081123 SAS No.: BF081123 SDG No.: BF081123

Instrument ID: BNA_F Calibration Date/Time: 8/11/2023 1:13:41

Lab File ID: BF134730.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.784	0.618		-21.173	
Pyridine	1.640	1.435		-12.5	
2-Fluorophenol	1.316	1.171		-11.018	
Benzaldehyde	0.917	0.777		-15.267	
Aniline	2.206	1.910		-13.418	
Phenol-d6	1.682	1.501		-10.761	
Phenol	1.657	1.521		-8.208	20.0
bis(2-Chloroethyl)ether	1.317	1.180		-10.402	
2-Chlorophenol	1.327	1.238		-6.707	
1,2-Dichlorobenzene	1.282	1.181		-7.878	
1,3-Dichlorobenzene	1.373	1.266		-7.793	
1,4-Dichlorobenzene	1.376	1.280		-6.977	20.0
Benzyl Alcohol	1.160	1.035		-10.776	
2-Methylphenol	1.173	1.059		-9.719	
2,2-oxybis(1-Chloropropane)	2.063	1.780		-13.718	
Acetophenone	0.462	0.406		-12.121	
3+4-Methylphenols	1.414	1.219		-13.791	
n-Nitroso-di-n-propylamine	1.007	0.826	0.050	-17.974	
Nitrobenzene-d5	0.320	0.343		7.188	
Hexachloroethane	0.483	0.457		-5.383	
Nitrobenzene	0.346	0.350		1.156	
Isophorone	0.698	0.630		-9.742	
2-Nitrophenol	0.122	0.174		42.623	20.0
2,4-Dimethylphenol	0.311	0.283		-9.003	
bis(2-Chloroethoxy)methane	0.418	0.380		-9.091	
2,4-Dichlorophenol	0.283	0.267		-5.654	20.0
1,2,4-Trichlorobenzene	0.301	0.292		-2.99	
Benzoic acid	0.176	0.215		22.159	
Naphthalene	1.005	0.946		-5.871	
4-Chloroaniline	0.448	0.414		-7.589	
Hexachlorobutadiene	0.174	0.169		-2.874	20.0
Caprolactam	0.091	0.090		-1.099	
4-Chloro-3-methylphenol	0.299	0.286		-4.348	20.0
2-Methylnaphthalene	0.666	0.620		-6.907	
Hexachlorocyclopentadiene	0.283	0.225	0.050	-20.495	
2,4,6-Trichlorophenol	0.381	0.376		-1.312	20.0
2-Fluorobiphenyl	1.203	1.157		-3.824	
2,4,5-Trichlorophenol	0.435	0.437		0.46	
1,1-Biphenyl	1.555	1.461		-6.045	
2-Chloronaphthalene	1.165	1.112		-4.549	
2-Nitroaniline	0.316	0.373		18.038	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.363	1.315		-3.522	
Acenaphthylene	1.832	1.728		-5.677	
2,6-Dinitrotoluene	0.248	0.302		21.774	
3-Nitroaniline	0.304	0.348		14.474	
Acenaphthene	1.187	1.141		-3.875	20.0
2,4-Dinitrophenol	0.079	0.132	0.050	67.089	
4-Nitrophenol	0.248	0.248	0.050	0.0	
Dibenzofuran	1.690	1.587		-6.095	
2,4-Dinitrotoluene	0.292	0.391		33.904	
Diethylphthalate	1.292	1.239		-4.102	
4-Chlorophenyl-phenylether	0.605	0.587		-2.975	
Fluorene	1.231	1.174		-4.63	
4-Nitroaniline	0.298	0.334		12.081	
4,6-Dinitro-2-methylphenol	0.069	0.112		62.319	
n-Nitrosodiphenylamine	0.637	0.587		-7.849	20.0
Azobenzene	1.388	1.250		-9.942	
2,4,6-Tribromophenol	0.204	0.222		8.824	
4-Bromophenyl-phenylether	0.219	0.214		-2.283	
Hexachlorobenzene	0.231	0.225		-2.597	
Atrazine	0.172	0.163		-5.233	
Pentachlorophenol	0.143	0.146		2.098	20.0
Phenanthrene	1.062	0.975		-8.192	
Anthracene	1.085	1.015		-6.452	
Carbazole	0.969	0.895		-7.637	
Di-n-butylphthalate	1.029	1.000		-2.818	
Fluoranthene	1.122	1.027		-8.467	20.0
Benzidine	0.434	0.358		-17.512	
Pyrene	1.731	1.654		-4.448	
Terphenyl-d14	1.135	1.102		-2.907	
Butylbenzylphthalate	0.585	0.604		3.248	
3,3-Dichlorobenzidine	0.415	0.405		-2.41	
Benzo (a) anthracene	1.430	1.256		-12.168	
Chrysene	1.393	1.272		-8.686	
Bis (2-ethylhexyl) phthalate	0.689	0.630		-8.563	
Di-n-octyl phthalate	1.047	1.010		-3.534	20.0
Benzo (b) fluoranthene	1.220	1.190		-2.459	
Benzo (k) fluoranthene	1.215	1.103		-9.218	
Benzo (a) pyrene	1.137	1.090		-4.134	20.0
Indeno (1,2,3-cd) pyrene	1.176	1.283		9.099	
Dibenzo (a,h) anthracene	0.951	1.054		10.831	
Benzo (g,h,i) perylene	0.970	1.070		10.309	



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GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.582	0.569		-2.234	
1,4-Dioxane	0.605	0.536		-11.405	20.0
2,3,4,6-Tetrachlorophenol	0.344	0.351		2.035	
1-Methylnaphthalene	0.620	0.580		-6.452	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/10/2023 12:00:00 AM
Project:		Date Received:	8/10/2023 12:00:00 AM
Client Sample ID:	PB154756BL	SDG No.:	BF081123
Lab Sample ID:	PB154756BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134721.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2	U	2	8	10	ug/L
110-86-1	Pyridine	1.8	U	1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	2.4	U	2.4	4	5	ug/L
108-95-2	Phenol	1.5	U	1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4	5	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	1.7	U	1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	1.4	U	1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	2.4	U	2.4	8	10	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4	5	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1.6	U	1.6	4	5	ug/L
98-95-3	Nitrobenzene	1.7	U	1.7	4	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	4	5	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2	U	2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4	5	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8	10	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4	5	ug/L
106-47-8	4-Chloroaniline	2.5	U	2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.9	U	1.9	4	5	ug/L
105-60-2	Caprolactam	3.4	U	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	2.2	U	2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/10/2023 12:00:00 AM
Project:		Date Received:	8/10/2023 12:00:00 AM
Client Sample ID:	PB154756BL	SDG No.:	BF081123
Lab Sample ID:	PB154756BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134721.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.7	U	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4	5	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4	5	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4	5	ug/L
208-96-8	Acenaphthylene	2.1	U	2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4	5	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4	5	ug/L
83-32-9	Acenaphthene	1.7	U	1.7	4	5	ug/L
Total PAH	Total PAH	31	U	31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	5.5	U	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	2.8	U	2.8	8	10	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	2.5	U	2.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.6	U	4.6	4	10	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	2.2	4	5	ug/L
86-73-7	Fluorene	2	U	2	4	5	ug/L
100-01-6	4-Nitroaniline	2.3	U	2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4	5	ug/L
103-33-3	Azobenzene	1.6	U	1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4	5	ug/L
1912-24-9	Atrazine	3.5	U	3.5	4	5	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8	10	ug/L
85-01-8	Phenanthrene	2	U	2	4	5	ug/L
120-12-7	Anthracene	2.3	U	2.3	4	5	ug/L
86-74-8	Carbazole	1.7	U	1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4	5	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/10/2023 12:00:00 AM
Project:		Date Received:	8/10/2023 12:00:00 AM
Client Sample ID:	PB154756BL	SDG No.:	BF081123
Lab Sample ID:	PB154756BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134721.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	144.898		10-139		97	SPK: -150
13127-88-3	Phenol-d6	144.189		10-134		96	SPK: -150
4165-60-0	Nitrobenzene-d5	117.942		49-133		118	SPK: -100
321-60-8	2-Fluorobiphenyl	107.183		52-132		107	SPK: -100
118-79-6	2,4,6-Tribromophenol	177.484		32-145		118	SPK: -150
1718-51-0	Terphenyl-d14	99.638		36-145		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	155708	6.798				
1146-65-2	Naphthalene-d8	623438	8.075				
15067-26-2	Acenaphthene-d10	325423	9.833				
1517-22-2	Phenanthrene-d10	625023	11.321				
1719-03-5	Chrysene-d12	463980	13.968				
1520-96-3	Perylene-d12	386016	15.439				



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Report of Analysis

Client:		Date Collected:	8/10/2023 12:00:00 AM
Project:		Date Received:	8/10/2023 12:00:00 AM
Client Sample ID:	PB154756BL	SDG No.:	BF081123
Lab Sample ID:	PB154756BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134721.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154756

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	4.3	J			2.152	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.7	A			5.063	
000556-71-8	Cyclononasiloxane, octadecamethyl-	2.9	J			14.063	
000107-52-8	Hexasiloxane, tetradecamethyl-	5.2	J			14.457	
	unknown14.839	9.5	J			14.839	
	unknown15.280	6.3	J			15.28	
	unknown15.792	4.3	J			15.792	
000541-01-5	Heptasiloxane, hexadecamethyl-	3.5	J			16.404	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	OK-1-080923	SDG No.:	BF081123
Lab Sample ID:	O3952-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134722.D	5	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	250	U	250	860	1100	ug/Kg
110-86-1	Pyridine	230	U	230	410	540	ug/Kg
100-52-7	Benzaldehyde	470	U	470	860	1100	ug/Kg
62-53-3	Aniline	370	U	370	410	540	ug/Kg
108-95-2	Phenol	240	U	240	410	540	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	290	U	290	410	540	ug/Kg
95-57-8	2-Chlorophenol	230	U	230	410	540	ug/Kg
95-50-1	1,2-Dichlorobenzene	260	U	260	410	540	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	410	540	ug/Kg
106-46-7	1,4-Dichlorobenzene	260	U	260	410	540	ug/Kg
100-51-6	Benzyl Alcohol	320	U	320	860	1100	ug/Kg
95-48-7	2-Methylphenol	360	U	360	410	540	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	330	U	330	410	540	ug/Kg
98-86-2	Acetophenone	280	U	280	410	540	ug/Kg
65794-96-9	3+4-Methylphenols	340	U	340	860	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	190	U	190	260	260	ug/Kg
67-72-1	Hexachloroethane	230	U	230	410	540	ug/Kg
98-95-3	Nitrobenzene	240	U	240	410	540	ug/Kg
78-59-1	Isophorone	220	U	220	410	540	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	410	540	ug/Kg
105-67-9	2,4-Dimethylphenol	320	U	320	410	540	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	360	U	360	410	540	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	410	540	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	250	U	250	410	540	ug/Kg
65-85-0	Benzoic acid	680	U	680	860	1100	ug/Kg
91-20-3	Naphthalene	260	U	260	410	540	ug/Kg
106-47-8	4-Chloroaniline	330	U	330	410	540	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	410	540	ug/Kg
105-60-2	Caprolactam	370	U	370	860	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	410	540	ug/Kg
91-57-6	2-Methylnaphthalene	300	U	300	410	540	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	OK-1-080923	SDG No.:	BF081123
Lab Sample ID:	O3952-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134722.D	5	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	670	U	670	860	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	250	U	250	410	540	ug/Kg
95-95-4	2,4,5-Trichlorophenol	280	U	280	410	540	ug/Kg
92-52-4	1,1-Biphenyl	290	U	290	410	540	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	410	540	ug/Kg
88-74-4	2-Nitroaniline	320	U	320	410	540	ug/Kg
131-11-3	Dimethylphthalate	280	U	280	410	540	ug/Kg
208-96-8	Acenaphthylene	280	U	280	410	540	ug/Kg
606-20-2	2,6-Dinitrotoluene	290	U	290	410	540	ug/Kg
99-09-2	3-Nitroaniline	300	U	300	410	540	ug/Kg
83-32-9	Acenaphthene	260	U	260	410	540	ug/Kg
Total PAH	Total PAH	8340	U	4600	410	8640	ug/Kg
51-28-5	2,4-Dinitrophenol	570	U	570	860	1100	ug/Kg
100-02-7	4-Nitrophenol	360	U	360	860	1100	ug/Kg
132-64-9	Dibenzofuran	250	U	250	410	540	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	610	U	610	410	1080	ug/Kg
121-14-2	2,4-Dinitrotoluene	320	U	320	410	540	ug/Kg
84-66-2	Diethylphthalate	270	U	270	410	540	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	410	540	ug/Kg
86-73-7	Fluorene	270	U	270	410	540	ug/Kg
100-01-6	4-Nitroaniline	330	U	330	410	540	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	280	U	280	860	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	300	U	300	410	540	ug/Kg
103-33-3	Azobenzene	230	U	230	410	540	ug/Kg
101-55-3	4-Bromophenyl-phenylether	310	U	310	410	540	ug/Kg
118-74-1	Hexachlorobenzene	320	U	320	410	540	ug/Kg
1912-24-9	Atrazine	300	U	300	410	540	ug/Kg
87-86-5	Pentachlorophenol	350	U	350	860	1100	ug/Kg
85-01-8	Phenanthrene	830		300	410	540	ug/Kg
120-12-7	Anthracene	330	U	330	410	540	ug/Kg
86-74-8	Carbazole	270	U	270	410	540	ug/Kg
84-74-2	Di-n-butylphthalate	330	U	330	410	540	ug/Kg
206-44-0	Fluoranthene	1600		300	410	540	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	OK-1-080923	SDG No.:	BF081123
Lab Sample ID:	O3952-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134722.D	5	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	620	U	620	860	1100	ug/Kg
129-00-0	Pyrene	1300		270	410	540	ug/Kg
85-68-7	Butylbenzylphthalate	330	U	330	410	540	ug/Kg
91-94-1	3,3-Dichlorobenzidine	510	U	510	860	1100	ug/Kg
56-55-3	Benzo(a)anthracene	840		270	410	540	ug/Kg
218-01-9	Chrysene	730		280	410	540	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	370	U	370	410	540	ug/Kg
117-84-0	Di-n-octyl phthalate	390	U	390	860	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		260	410	540	ug/Kg
207-08-9	Benzo(k)fluoranthene	370	J	280	410	540	ug/Kg
50-32-8	Benzo(a)pyrene	800		300	410	540	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	360	J	340	410	540	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	310	U	310	410	540	ug/Kg
191-24-2	Benzo(g,h,i)perylene	410	J	290	410	540	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	410	540	ug/Kg
123-91-1	1,4-Dioxane	370	U	370	410	540	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260	U	260	410	540	ug/Kg
90-12-0	1-Methylnaphthalene	290	U	290	540	540	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.695		18-112		47	SPK: -150
13127-88-3	Phenol-d6	64.645		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	56.975		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	66.515		20-109		67	SPK: -100
118-79-6	2,4,6-Tribromophenol	69.23		10-110		46	SPK: -150
1718-51-0	Terphenyl-d14	58.335		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	188441	6.798				
1146-65-2	Naphthalene-d8	684375	8.075				
15067-26-2	Acenaphthene-d10	325399	9.834				
1517-22-2	Phenanthrene-d10	515306	11.322				
1719-03-5	Chrysene-d12	372357	13.969				
1520-96-3	Perylene-d12	322157	15.439				



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Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	OK-1-080923	SDG No.:	BF081123
Lab Sample ID:	O3952-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134722.D	5	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
002531-84-2	Phenanthrene, 2-methyl-	410	J			11.851	
027410-55-5	8,9-Dihydrocyclopenta[def]phenanth	380	J			11.933	
000192-97-2	Benzo[e]pyrene	660	J			15.316	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-20	SDG No.:	BF081123
Lab Sample ID:	O3954-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134723.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	50.2	U	50.2	180	210	ug/Kg
110-86-1	Pyridine	47	U	47	84.4	110	ug/Kg
100-52-7	Benzaldehyde	96	U	96	180	210	ug/Kg
62-53-3	Aniline	75.9	U	75.9	84.4	110	ug/Kg
108-95-2	Phenol	48.3	U	48.3	84.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.3	U	58.3	84.4	110	ug/Kg
95-57-8	2-Chlorophenol	46.7	U	46.7	84.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53	U	53	84.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.4	U	57.4	84.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	53.5	U	53.5	84.4	110	ug/Kg
100-51-6	Benzyl Alcohol	64.1	U	64.1	180	210	ug/Kg
95-48-7	2-Methylphenol	74	U	74	84.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68.1	U	68.1	84.4	110	ug/Kg
98-86-2	Acetophenone	56.3	U	56.3	84.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	70.1	U	70.1	180	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	38.3	U	38.3	51.9	51.9	ug/Kg
67-72-1	Hexachloroethane	47.8	U	47.8	84.4	110	ug/Kg
98-95-3	Nitrobenzene	48.8	U	48.8	84.4	110	ug/Kg
78-59-1	Isophorone	44.2	U	44.2	84.4	110	ug/Kg
88-75-5	2-Nitrophenol	61.7	U	61.7	84.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	64.6	U	64.6	84.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	72.7	U	72.7	84.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.7	U	50.7	84.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	50.3	U	50.3	84.4	110	ug/Kg
65-85-0	Benzoic acid	140	U	140	180	210	ug/Kg
91-20-3	Naphthalene	52.8	U	52.8	84.4	110	ug/Kg
106-47-8	4-Chloroaniline	68.1	U	68.1	84.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.5	U	54.5	84.4	110	ug/Kg
105-60-2	Caprolactam	75.9	U	75.9	180	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.5	U	53.5	84.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	61.6	U	61.6	84.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-20	SDG No.:	BF081123
Lab Sample ID:	O3954-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134723.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	84.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	84.4	110	ug/Kg
92-52-4	1,1-Biphenyl	59.2	U	59.2	84.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.9	U	54.9	84.4	110	ug/Kg
88-74-4	2-Nitroaniline	64.4	U	64.4	84.4	110	ug/Kg
131-11-3	Dimethylphthalate	57.7	U	57.7	84.4	110	ug/Kg
208-96-8	Acenaphthylene	57.4	U	57.4	84.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.4	U	58.4	84.4	110	ug/Kg
99-09-2	3-Nitroaniline	60.6	U	60.6	84.4	110	ug/Kg
83-32-9	Acenaphthene	52.1	U	52.1	84.4	110	ug/Kg
Total PAH	Total PAH	932.5	U	932.5	84.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	210	ug/Kg
100-02-7	4-Nitrophenol	74	U	74	180	210	ug/Kg
132-64-9	Dibenzofuran	49.9	U	49.9	84.4	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	64.8	U	64.8	84.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	23.2	U	123.2	84.4	220	ug/Kg
84-66-2	Diethylphthalate	55.7	U	55.7	84.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.7	U	58.7	84.4	110	ug/Kg
86-73-7	Fluorene	55	U	55	84.4	110	ug/Kg
100-01-6	4-Nitroaniline	67.5	U	67.5	84.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	57	U	57	180	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	60.5	U	60.5	84.4	110	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	84.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63.2	U	63.2	84.4	110	ug/Kg
118-74-1	Hexachlorobenzene	64.1	U	64.1	84.4	110	ug/Kg
1912-24-9	Atrazine	61.9	U	61.9	84.4	110	ug/Kg
87-86-5	Pentachlorophenol	72	U	72	180	210	ug/Kg
85-01-8	Phenanthrene	60.2	U	60.2	84.4	110	ug/Kg
120-12-7	Anthracene	66.2	U	66.2	84.4	110	ug/Kg
86-74-8	Carbazole	55.1	U	55.1	84.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	67.5	U	67.5	84.4	110	ug/Kg
206-44-0	Fluoranthene	61.3	U	61.3	84.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-20	SDG No.:	BF081123
Lab Sample ID:	O3954-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134723.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	180	210	ug/Kg
129-00-0	Pyrene	54.3	U	54.3	84.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	66.8	U	66.8	84.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	180	210	ug/Kg
56-55-3	Benzo(a)anthracene	54.4	U	54.4	84.4	110	ug/Kg
218-01-9	Chrysene	56.3	U	56.3	84.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	74.6	U	74.6	84.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	79.8	U	79.8	180	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	57.5	J	52.1	84.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	57.2	U	57.2	84.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	61.2	U	61.2	84.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	69.4	U	69.4	84.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62.6	U	62.6	84.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	60	84.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	84.4	110	ug/Kg
123-91-1	1,4-Dioxane	75.9	U	75.9	84.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53.8	U	53.8	84.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	58.5	U	58.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.002		18-112		56	SPK: -150
13127-88-3	Phenol-d6	82.766		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	67.595		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	70.357		20-109		70	SPK: -100
118-79-6	2,4,6-Tribromophenol	86.413		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	60.857		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173735	6.798				
1146-65-2	Naphthalene-d8	672850	8.075				
15067-26-2	Acenaphthene-d10	308042	9.833				
1517-22-2	Phenanthrene-d10	484957	11.321				
1719-03-5	Chrysene-d12	338861	13.968				
1520-96-3	Perylene-d12	283892	15.439				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-20	SDG No.:	BF081123
Lab Sample ID:	O3954-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134723.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	50	J			6.633	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	58.2	J			9.274	
000057-10-3	n-Hexadecanoic acid	180	J			11.857	
000057-11-4	Octadecanoic acid	62.5	J			12.645	
000295-48-7	Cyclopentadecane	110	J			13.827	
000629-92-5	Nonadecane	49.5	J			14.457	
000111-02-4	Squalene	48.7	J			14.839	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-19	SDG No.:	BF081123
Lab Sample ID:	O3954-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134724.D	10	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	530	U	530	1900	2300	ug/Kg
110-86-1	Pyridine	500	U	500	900	1200	ug/Kg
100-52-7	Benzaldehyde	1000	U	1000	1900	2300	ug/Kg
62-53-3	Aniline	810	U	810	900	1200	ug/Kg
108-95-2	Phenol	510	U	510	900	1200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	620	U	620	900	1200	ug/Kg
95-57-8	2-Chlorophenol	500	U	500	900	1200	ug/Kg
95-50-1	1,2-Dichlorobenzene	560	U	560	900	1200	ug/Kg
541-73-1	1,3-Dichlorobenzene	610	U	610	900	1200	ug/Kg
106-46-7	1,4-Dichlorobenzene	570	U	570	900	1200	ug/Kg
100-51-6	Benzyl Alcohol	680	U	680	1900	2300	ug/Kg
95-48-7	2-Methylphenol	790	U	790	900	1200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	720	U	720	900	1200	ug/Kg
98-86-2	Acetophenone	600	U	600	900	1200	ug/Kg
65794-96-9	3+4-Methylphenols	740	U	740	1900	2300	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	410	U	410	550	550	ug/Kg
67-72-1	Hexachloroethane	510	U	510	900	1200	ug/Kg
98-95-3	Nitrobenzene	520	U	520	900	1200	ug/Kg
78-59-1	Isophorone	470	U	470	900	1200	ug/Kg
88-75-5	2-Nitrophenol	660	U	660	900	1200	ug/Kg
105-67-9	2,4-Dimethylphenol	690	U	690	900	1200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	770	U	770	900	1200	ug/Kg
120-83-2	2,4-Dichlorophenol	540	U	540	900	1200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	530	U	530	900	1200	ug/Kg
65-85-0	Benzoic acid	1500	U	1500	1900	2300	ug/Kg
91-20-3	Naphthalene	13300		560	900	1200	ug/Kg
106-47-8	4-Chloroaniline	720	U	720	900	1200	ug/Kg
87-68-3	Hexachlorobutadiene	580	U	580	900	1200	ug/Kg
105-60-2	Caprolactam	810	U	810	1900	2300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	570	U	570	900	1200	ug/Kg
91-57-6	2-Methylnaphthalene	5400		650	900	1200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-19	SDG No.:	BF081123
Lab Sample ID:	O3954-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134724.D	10	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1400	U	1400	1900	2300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	530	U	530	900	1200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	610	U	610	900	1200	ug/Kg
92-52-4	1,1-Biphenyl	1700		630	900	1200	ug/Kg
91-58-7	2-Chloronaphthalene	580	U	580	900	1200	ug/Kg
88-74-4	2-Nitroaniline	680	U	680	900	1200	ug/Kg
131-11-3	Dimethylphthalate	610	U	610	900	1200	ug/Kg
208-96-8	Acenaphthylene	890	J	610	900	1200	ug/Kg
606-20-2	2,6-Dinitrotoluene	620	U	620	900	1200	ug/Kg
99-09-2	3-Nitroaniline	640	U	640	900	1200	ug/Kg
83-32-9	Acenaphthene	8500		550	900	1200	ug/Kg
Total PAH	Total PAH	285190		9910	900	19200	ug/Kg
51-28-5	2,4-Dinitrophenol	1200	U	1200	1900	2300	ug/Kg
100-02-7	4-Nitrophenol	790	U	790	1900	2300	ug/Kg
132-64-9	Dibenzofuran	7400		530	900	1200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	310	U	1310	900	2400	ug/Kg
121-14-2	2,4-Dinitrotoluene	690	U	690	900	1200	ug/Kg
84-66-2	Diethylphthalate	590	U	590	900	1200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	620	U	620	900	1200	ug/Kg
86-73-7	Fluorene	10600		580	900	1200	ug/Kg
100-01-6	4-Nitroaniline	720	U	720	900	1200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	610	U	610	1900	2300	ug/Kg
86-30-6	n-Nitrosodiphenylamine	640	U	640	900	1200	ug/Kg
103-33-3	Azobenzene	510	U	510	900	1200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	670	U	670	900	1200	ug/Kg
118-74-1	Hexachlorobenzene	680	U	680	900	1200	ug/Kg
1912-24-9	Atrazine	660	U	660	900	1200	ug/Kg
87-86-5	Pentachlorophenol	770	U	770	1900	2300	ug/Kg
85-01-8	Phenanthrene	43400	E	640	900	1200	ug/Kg
120-12-7	Anthracene	14000		700	900	1200	ug/Kg
86-74-8	Carbazole	7100		590	900	1200	ug/Kg
84-74-2	Di-n-butylphthalate	720	U	720	900	1200	ug/Kg
206-44-0	Fluoranthene	39900	E	650	900	1200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-19	SDG No.:	BF081123
Lab Sample ID:	O3954-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134724.D	10	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1300	U	1300	1900	2300	ug/Kg
129-00-0	Pyrene	36600	E	580	900	1200	ug/Kg
85-68-7	Butylbenzylphthalate	710	U	710	900	1200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100	U	1100	1900	2300	ug/Kg
56-55-3	Benzo(a)anthracene	22100	E	580	900	1200	ug/Kg
218-01-9	Chrysene	21000	E	600	900	1200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	790	U	790	900	1200	ug/Kg
117-84-0	Di-n-octyl phthalate	850	U	850	1900	2300	ug/Kg
205-99-2	Benzo(b)fluoranthene	23900	E	550	900	1200	ug/Kg
207-08-9	Benzo(k)fluoranthene	8900		610	900	1200	ug/Kg
50-32-8	Benzo(a)pyrene	18800	E	650	900	1200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9600		740	900	1200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2800		670	900	1200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	10900		640	900	1200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	620	U	620	900	1200	ug/Kg
123-91-1	1,4-Dioxane	810	U	810	900	1200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	570	U	570	900	1200	ug/Kg
90-12-0	1-Methylnaphthalene	3900		620	1200	1200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	66.48		18-112		44	SPK: -150
13127-88-3	Phenol-d6	59.49		15-107		40	SPK: -150
4165-60-0	Nitrobenzene-d5	49.72		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	68.32		20-109		68	SPK: -100
118-79-6	2,4,6-Tribromophenol	62.24		10-110		41	SPK: -150
1718-51-0	Terphenyl-d14	55.29		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	169913	6.798				
1146-65-2	Naphthalene-d8	652433	8.08				
15067-26-2	Acenaphthene-d10	287149	9.833				
1517-22-2	Phenanthrene-d10	451181	11.327				
1719-03-5	Chrysene-d12	300184	13.98				
1520-96-3	Perylene-d12	285084	15.451				

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-19	SDG No.:	BF081123
Lab Sample ID:	O3954-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134724.D	10	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
001127-76-0	Naphthalene, 1-ethyl-	1000	J			9.351	
000581-42-0	Naphthalene, 2,6-dimethyl-	2100	J			9.422	
000581-40-8	Naphthalene, 2,3-dimethyl-	2500	J			9.492	
000575-43-9	Naphthalene, 1,6-dimethyl-	1400	J			9.516	
000575-37-1	Naphthalene, 1,7-dimethyl-	1300	J			9.61	
002320-32-3	Benzene, [1-(2,4-cyclopentadien-1-	1100	J			10.445	
000101-81-5	Diphenylmethane	1400	J			10.469	
000643-58-3	1,1-Biphenyl, 2-methyl-	960	J			10.516	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	1900	J			10.539	
002531-84-2	Phenanthrene, 2-methyl-	880	J			11.857	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1300	J			11.945	
002381-21-7	Pyrene, 1-methyl-	1000	J			12.992	
000243-17-4	11H-Benzo[b]fluorene	1200	J			13.104	
033543-31-6	Fluoranthene, 2-methyl-	880	J			13.204	
1010396-70-2	9(10H)-anthracenone, 1,4-dimethoxy	2800	J			14.857	
000192-97-2	Benzo[e]pyrene	3500	J			15.127	
000198-55-0	Perylene	12900	J			15.327	
000215-58-7	Benzo[b]triphenylene	2200	J			16.756	
000213-46-7	Picene	1700	J			17.121	
000191-26-4	Dibenzo[def,mno]chrysene	2000	J			17.627	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-22	SDG No.:	BF081123
Lab Sample ID:	O3955-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134725.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.8	U	52.8	180	230	ug/Kg
110-86-1	Pyridine	49.4	U	49.4	88.8	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	180	230	ug/Kg
62-53-3	Aniline	79.9	U	79.9	88.8	120	ug/Kg
108-95-2	Phenol	50.8	U	50.8	88.8	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61.3	U	61.3	88.8	120	ug/Kg
95-57-8	2-Chlorophenol	49.2	U	49.2	88.8	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.8	U	55.8	88.8	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.4	U	60.4	88.8	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.3	U	56.3	88.8	120	ug/Kg
100-51-6	Benzyl Alcohol	67.5	U	67.5	180	230	ug/Kg
95-48-7	2-Methylphenol	77.8	U	77.8	88.8	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71.7	U	71.7	88.8	120	ug/Kg
98-86-2	Acetophenone	59.2	U	59.2	88.8	120	ug/Kg
65794-96-9	3+4-Methylphenols	73.7	U	73.7	180	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	54.6	54.6	ug/Kg
67-72-1	Hexachloroethane	50.3	U	50.3	88.8	120	ug/Kg
98-95-3	Nitrobenzene	51.3	U	51.3	88.8	120	ug/Kg
78-59-1	Isophorone	46.5	U	46.5	88.8	120	ug/Kg
88-75-5	2-Nitrophenol	64.9	U	64.9	88.8	120	ug/Kg
105-67-9	2,4-Dimethylphenol	68	U	68	88.8	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	76.5	U	76.5	88.8	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53.3	U	53.3	88.8	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52.9	U	52.9	88.8	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	230	ug/Kg
91-20-3	Naphthalene	55.6	U	55.6	88.8	120	ug/Kg
106-47-8	4-Chloroaniline	71.7	U	71.7	88.8	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.4	U	57.4	88.8	120	ug/Kg
105-60-2	Caprolactam	79.9	U	79.9	180	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56.3	U	56.3	88.8	120	ug/Kg
91-57-6	2-Methylnaphthalene	64.8	U	64.8	88.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-22	SDG No.:	BF081123
Lab Sample ID:	O3955-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134725.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52.6	U	52.6	88.8	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	88.8	120	ug/Kg
92-52-4	1,1-Biphenyl	62.3	U	62.3	88.8	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.8	U	57.8	88.8	120	ug/Kg
88-74-4	2-Nitroaniline	67.8	U	67.8	88.8	120	ug/Kg
131-11-3	Dimethylphthalate	60.7	U	60.7	88.8	120	ug/Kg
208-96-8	Acenaphthylene	60.4	U	60.4	88.8	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	61.5	U	61.5	88.8	120	ug/Kg
99-09-2	3-Nitroaniline	63.8	U	63.8	88.8	120	ug/Kg
83-32-9	Acenaphthene	54.8	U	54.8	88.8	120	ug/Kg
Total PAH	Total PAH	1056.2	U	981.5	88.8	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	230	ug/Kg
100-02-7	4-Nitrophenol	77.8	U	77.8	180	230	ug/Kg
132-64-9	Dibenzofuran	52.5	U	52.5	88.8	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	29.7	U	129.7	88.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	68.2	U	68.2	88.8	120	ug/Kg
84-66-2	Diethylphthalate	58.7	U	58.7	88.8	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61.7	U	61.7	88.8	120	ug/Kg
86-73-7	Fluorene	57.9	U	57.9	88.8	120	ug/Kg
100-01-6	4-Nitroaniline	71	U	71	88.8	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	60	U	60	180	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	63.7	U	63.7	88.8	120	ug/Kg
103-33-3	Azobenzene	50.2	U	50.2	88.8	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	66.5	U	66.5	88.8	120	ug/Kg
118-74-1	Hexachlorobenzene	67.5	U	67.5	88.8	120	ug/Kg
1912-24-9	Atrazine	65.1	U	65.1	88.8	120	ug/Kg
87-86-5	Pentachlorophenol	75.8	U	75.8	180	230	ug/Kg
85-01-8	Phenanthrene	260		63.3	88.8	120	ug/Kg
120-12-7	Anthracene	69.6	U	69.6	88.8	120	ug/Kg
86-74-8	Carbazole	58	U	58	88.8	120	ug/Kg
84-74-2	Di-n-butylphthalate	71	U	71	88.8	120	ug/Kg
206-44-0	Fluoranthene	230		64.5	88.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-22	SDG No.:	BF081123
Lab Sample ID:	O3955-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134725.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	180	230	ug/Kg
129-00-0	Pyrene	180		57.2	88.8	120	ug/Kg
85-68-7	Butylbenzylphthalate	70.3	U	70.3	88.8	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	230	ug/Kg
56-55-3	Benzo(a)anthracene	93.8	J	57.3	88.8	120	ug/Kg
218-01-9	Chrysene	87.1	J	59.3	88.8	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	78.5	U	78.5	88.8	120	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	180	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	120		54.8	88.8	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	60.2	U	60.2	88.8	120	ug/Kg
50-32-8	Benzo(a)pyrene	85.3	J	64.4	88.8	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	73.1	U	73.1	88.8	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65.9	U	65.9	88.8	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63.2	U	63.2	88.8	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	88.8	120	ug/Kg
123-91-1	1,4-Dioxane	79.9	U	79.9	88.8	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56.6	U	56.6	88.8	120	ug/Kg
90-12-0	1-Methylnaphthalene	61.6	U	61.6	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	55.144		18-112		37	SPK: -150
13127-88-3	Phenol-d6	53.07		15-107		35	SPK: -150
4165-60-0	Nitrobenzene-d5	44.286		18-107		44	SPK: -100
321-60-8	2-Fluorobiphenyl	47.382		20-109		47	SPK: -100
118-79-6	2,4,6-Tribromophenol	52.135		10-110		35	SPK: -150
1718-51-0	Terphenyl-d14	36.762		14-112		37	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174229	6.798				
1146-65-2	Naphthalene-d8	664599	8.075				
15067-26-2	Acenaphthene-d10	294838	9.833				
1517-22-2	Phenanthrene-d10	462381	11.321				
1719-03-5	Chrysene-d12	347252	13.968				
1520-96-3	Perylene-d12	303320	15.439				



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Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-22	SDG No.:	BF081123
Lab Sample ID:	O3955-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134725.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	120	J			11.857	
000203-64-5	4H-Cyclopenta[def]phenanthrene	50.8	J			11.933	
001599-67-3	1-Docosene	120	J			13.827	
000192-97-2	Benzo[e]pyrene	90.8	J			15.315	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-16	SDG No.:	BF081123
Lab Sample ID:	O3954-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134726.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.5	U	52.5	180	220	ug/Kg
110-86-1	Pyridine	49.2	U	49.2	88.3	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	180	220	ug/Kg
62-53-3	Aniline	79.5	U	79.5	88.3	120	ug/Kg
108-95-2	Phenol	50.5	U	50.5	88.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61	U	61	88.3	120	ug/Kg
95-57-8	2-Chlorophenol	48.9	U	48.9	88.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.5	U	55.5	88.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.1	U	60.1	88.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	56	U	56	88.3	120	ug/Kg
100-51-6	Benzyl Alcohol	67.1	U	67.1	180	220	ug/Kg
95-48-7	2-Methylphenol	77.4	U	77.4	88.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71.3	U	71.3	88.3	120	ug/Kg
98-86-2	Acetophenone	58.9	U	58.9	88.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	73.3	U	73.3	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.1	U	40.1	54.3	54.3	ug/Kg
67-72-1	Hexachloroethane	50	U	50	88.3	120	ug/Kg
98-95-3	Nitrobenzene	51.1	U	51.1	88.3	120	ug/Kg
78-59-1	Isophorone	46.2	U	46.2	88.3	120	ug/Kg
88-75-5	2-Nitrophenol	64.6	U	64.6	88.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	67.6	U	67.6	88.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	76.1	U	76.1	88.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53	U	53	88.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52.6	U	52.6	88.3	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	220	ug/Kg
91-20-3	Naphthalene	55.3	U	55.3	88.3	120	ug/Kg
106-47-8	4-Chloroaniline	71.3	U	71.3	88.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	88.3	120	ug/Kg
105-60-2	Caprolactam	79.5	U	79.5	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	88.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	64.4	U	64.4	88.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-16	SDG No.:	BF081123
Lab Sample ID:	O3954-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134726.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52.4	U	52.4	88.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59.7	U	59.7	88.3	120	ug/Kg
92-52-4	1,1-Biphenyl	62	U	62	88.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.5	U	57.5	88.3	120	ug/Kg
88-74-4	2-Nitroaniline	67.4	U	67.4	88.3	120	ug/Kg
131-11-3	Dimethylphthalate	60.4	U	60.4	88.3	120	ug/Kg
208-96-8	Acenaphthylene	60	U	60	88.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	61.1	U	61.1	88.3	120	ug/Kg
99-09-2	3-Nitroaniline	63.4	U	63.4	88.3	120	ug/Kg
83-32-9	Acenaphthene	54.5	U	54.5	88.3	120	ug/Kg
Total PAH	Total PAH	975.8	U	975.8	88.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.4	U	77.4	180	220	ug/Kg
132-64-9	Dibenzofuran	52.2	U	52.2	88.3	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	67.8	U	67.8	88.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	28.9	U	128.9	88.3	240	ug/Kg
84-66-2	Diethylphthalate	58.3	U	58.3	88.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61.4	U	61.4	88.3	120	ug/Kg
86-73-7	Fluorene	57.6	U	57.6	88.3	120	ug/Kg
100-01-6	4-Nitroaniline	70.6	U	70.6	88.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	59.6	U	59.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	63.4	U	63.4	88.3	120	ug/Kg
103-33-3	Azobenzene	49.9	U	49.9	88.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	66.1	U	66.1	88.3	120	ug/Kg
118-74-1	Hexachlorobenzene	67.1	U	67.1	88.3	120	ug/Kg
1912-24-9	Atrazine	64.8	U	64.8	88.3	120	ug/Kg
87-86-5	Pentachlorophenol	75.4	U	75.4	180	220	ug/Kg
85-01-8	Phenanthrene	63	U	63	88.3	120	ug/Kg
120-12-7	Anthracene	69.3	U	69.3	88.3	120	ug/Kg
86-74-8	Carbazole	57.7	U	57.7	88.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	70.6	U	70.6	88.3	120	ug/Kg
206-44-0	Fluoranthene	64.1	U	64.1	88.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-16	SDG No.:	BF081123
Lab Sample ID:	O3954-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134726.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	180	220	ug/Kg
129-00-0	Pyrene	56.8	U	56.8	88.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	69.9	U	69.9	88.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	57	U	57	88.3	120	ug/Kg
218-01-9	Chrysene	58.9	U	58.9	88.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	78.1	U	78.1	88.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	83.5	U	83.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.5	U	54.5	88.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	59.8	U	59.8	88.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	64	U	64	88.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72.7	U	72.7	88.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65.5	U	65.5	88.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62.8	U	62.8	88.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.7	U	60.7	88.3	120	ug/Kg
123-91-1	1,4-Dioxane	79.5	U	79.5	88.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56.3	U	56.3	88.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	61.3	U	61.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	68.924		18-112		46	SPK: -150
13127-88-3	Phenol-d6	66.246		15-107		44	SPK: -150
4165-60-0	Nitrobenzene-d5	54.696		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	57.015		20-109		57	SPK: -100
118-79-6	2,4,6-Tribromophenol	70.523		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	42.404		14-112		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182558	6.798				
1146-65-2	Naphthalene-d8	684961	8.075				
15067-26-2	Acenaphthene-d10	292677	9.834				
1517-22-2	Phenanthrene-d10	456479	11.322				
1719-03-5	Chrysene-d12	370144	13.969				
1520-96-3	Perylene-d12	307472	15.439				



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Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-16	SDG No.:	BF081123
Lab Sample ID:	O3954-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134726.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	76.1	J			11.857	
1000406-04-8	Pentadecafluorooctanoic acid, octa	61.3	J			13.827	
000556-71-8	Cyclononasiloxane, octadecamethyl-	54.1	J			14.839	
000107-52-8	Hexasiloxane, tetradecamethyl-	47.3	J			15.28	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-27	SDG No.:	BF081123
Lab Sample ID:	O3955-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134727.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.7	U	52.7	180	220	ug/Kg
110-86-1	Pyridine	49.3	U	49.3	88.6	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	180	220	ug/Kg
62-53-3	Aniline	79.7	U	79.7	88.6	120	ug/Kg
108-95-2	Phenol	50.7	U	50.7	88.6	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61.2	U	61.2	88.6	120	ug/Kg
95-57-8	2-Chlorophenol	49.1	U	49.1	88.6	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.7	U	55.7	88.6	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.3	U	60.3	88.6	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.1	U	56.1	88.6	120	ug/Kg
100-51-6	Benzyl Alcohol	67.3	U	67.3	180	220	ug/Kg
95-48-7	2-Methylphenol	77.7	U	77.7	88.6	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71.5	U	71.5	88.6	120	ug/Kg
98-86-2	Acetophenone	59.1	U	59.1	88.6	120	ug/Kg
65794-96-9	3+4-Methylphenols	73.6	U	73.6	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.2	U	40.2	54.5	54.5	ug/Kg
67-72-1	Hexachloroethane	50.1	U	50.1	88.6	120	ug/Kg
98-95-3	Nitrobenzene	51.2	U	51.2	88.6	120	ug/Kg
78-59-1	Isophorone	46.4	U	46.4	88.6	120	ug/Kg
88-75-5	2-Nitrophenol	64.8	U	64.8	88.6	120	ug/Kg
105-67-9	2,4-Dimethylphenol	67.9	U	67.9	88.6	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	76.3	U	76.3	88.6	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53.2	U	53.2	88.6	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52.8	U	52.8	88.6	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	220	ug/Kg
91-20-3	Naphthalene	55.5	U	55.5	88.6	120	ug/Kg
106-47-8	4-Chloroaniline	71.5	U	71.5	88.6	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.2	U	57.2	88.6	120	ug/Kg
105-60-2	Caprolactam	79.7	U	79.7	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56.2	U	56.2	88.6	120	ug/Kg
91-57-6	2-Methylnaphthalene	64.7	U	64.7	88.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-27	SDG No.:	BF081123
Lab Sample ID:	O3955-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134727.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52.5	U	52.5	88.6	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59.9	U	59.9	88.6	120	ug/Kg
92-52-4	1,1-Biphenyl	62.2	U	62.2	88.6	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.6	U	57.6	88.6	120	ug/Kg
88-74-4	2-Nitroaniline	67.7	U	67.7	88.6	120	ug/Kg
131-11-3	Dimethylphthalate	60.6	U	60.6	88.6	120	ug/Kg
208-96-8	Acenaphthylene	60.2	U	60.2	88.6	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	61.3	U	61.3	88.6	120	ug/Kg
99-09-2	3-Nitroaniline	63.6	U	63.6	88.6	120	ug/Kg
83-32-9	Acenaphthene	54.7	U	54.7	88.6	120	ug/Kg
Total PAH	Total PAH	979	U	979	88.6	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.7	U	77.7	180	220	ug/Kg
132-64-9	Dibenzofuran	52.4	U	52.4	88.6	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	29.4	U	129.4	88.6	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	68.1	U	68.1	88.6	120	ug/Kg
84-66-2	Diethylphthalate	58.5	U	58.5	88.6	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61.6	U	61.6	88.6	120	ug/Kg
86-73-7	Fluorene	57.8	U	57.8	88.6	120	ug/Kg
100-01-6	4-Nitroaniline	70.9	U	70.9	88.6	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	59.8	U	59.8	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	63.6	U	63.6	88.6	120	ug/Kg
103-33-3	Azobenzene	50.1	U	50.1	88.6	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	66.4	U	66.4	88.6	120	ug/Kg
118-74-1	Hexachlorobenzene	67.3	U	67.3	88.6	120	ug/Kg
1912-24-9	Atrazine	65	U	65	88.6	120	ug/Kg
87-86-5	Pentachlorophenol	75.6	U	75.6	180	220	ug/Kg
85-01-8	Phenanthrene	63.2	U	63.2	88.6	120	ug/Kg
120-12-7	Anthracene	69.5	U	69.5	88.6	120	ug/Kg
86-74-8	Carbazole	57.8	U	57.8	88.6	120	ug/Kg
84-74-2	Di-n-butylphthalate	70.9	U	70.9	88.6	120	ug/Kg
206-44-0	Fluoranthene	64.3	U	64.3	88.6	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-27	SDG No.:	BF081123
Lab Sample ID:	O3955-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134727.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	180	220	ug/Kg
129-00-0	Pyrene	57	U	57	88.6	120	ug/Kg
85-68-7	Butylbenzylphthalate	70.2	U	70.2	88.6	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	57.2	U	57.2	88.6	120	ug/Kg
218-01-9	Chrysene	59.1	U	59.1	88.6	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	78.3	U	78.3	88.6	120	ug/Kg
117-84-0	Di-n-octyl phthalate	83.8	U	83.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.7	U	54.7	88.6	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	60	U	60	88.6	120	ug/Kg
50-32-8	Benzo(a)pyrene	64.2	U	64.2	88.6	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	72.9	U	72.9	88.6	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65.7	U	65.7	88.6	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63	U	63	88.6	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.9	U	60.9	88.6	120	ug/Kg
123-91-1	1,4-Dioxane	79.7	U	79.7	88.6	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56.5	U	56.5	88.6	120	ug/Kg
90-12-0	1-Methylnaphthalene	61.5	U	61.5	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	63.462		18-112		42	SPK: -150
13127-88-3	Phenol-d6	60.87		15-107		41	SPK: -150
4165-60-0	Nitrobenzene-d5	49.784		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	56.521		20-109		57	SPK: -100
118-79-6	2,4,6-Tribromophenol	64.015		10-110		43	SPK: -150
1718-51-0	Terphenyl-d14	43.789		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166153	6.798				
1146-65-2	Naphthalene-d8	605073	8.075				
15067-26-2	Acenaphthene-d10	257157	9.833				
1517-22-2	Phenanthrene-d10	402878	11.322				
1719-03-5	Chrysene-d12	338181	13.968				
1520-96-3	Perylene-d12	276049	15.439				



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Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-27	SDG No.:	BF081123
Lab Sample ID:	O3955-16	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134727.D	1	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	61.3	J			11.857	
1000406-04-8	Pentadecafluorooctanoic acid, octa	58.1	J			13.827	
003322-62-1	9-Octadecenamide	61.5	J			14.745	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-19DL	SDG No.:	BF081123
Lab Sample ID:	O3954-13DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134728.D	50	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2700	U	2700	9300	11400	ug/Kg
110-86-1	Pyridine	2500	U	2500	4500	5900	ug/Kg
100-52-7	Benzaldehyde	5100	U	5100	9300	11400	ug/Kg
62-53-3	Aniline	4000	U	4000	4500	5900	ug/Kg
108-95-2	Phenol	2600	U	2600	4500	5900	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	3100	U	3100	4500	5900	ug/Kg
95-57-8	2-Chlorophenol	2500	U	2500	4500	5900	ug/Kg
95-50-1	1,2-Dichlorobenzene	2800	U	2800	4500	5900	ug/Kg
541-73-1	1,3-Dichlorobenzene	3100	U	3100	4500	5900	ug/Kg
106-46-7	1,4-Dichlorobenzene	2800	U	2800	4500	5900	ug/Kg
100-51-6	Benzyl Alcohol	3400	U	3400	9300	11400	ug/Kg
95-48-7	2-Methylphenol	3900	U	3900	4500	5900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3600	U	3600	4500	5900	ug/Kg
98-86-2	Acetophenone	3000	U	3000	4500	5900	ug/Kg
65794-96-9	3+4-Methylphenols	3700	U	3700	9300	11400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2000	U	2000	2800	2800	ug/Kg
67-72-1	Hexachloroethane	2500	U	2500	4500	5900	ug/Kg
98-95-3	Nitrobenzene	2600	U	2600	4500	5900	ug/Kg
78-59-1	Isophorone	2300	U	2300	4500	5900	ug/Kg
88-75-5	2-Nitrophenol	3300	U	3300	4500	5900	ug/Kg
105-67-9	2,4-Dimethylphenol	3400	U	3400	4500	5900	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	3900	U	3900	4500	5900	ug/Kg
120-83-2	2,4-Dichlorophenol	2700	U	2700	4500	5900	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2700	U	2700	4500	5900	ug/Kg
65-85-0	Benzoic acid	7400	U	7400	9300	11400	ug/Kg
91-20-3	Naphthalene	16200	D	2800	4500	5900	ug/Kg
106-47-8	4-Chloroaniline	3600	U	3600	4500	5900	ug/Kg
87-68-3	Hexachlorobutadiene	2900	U	2900	4500	5900	ug/Kg
105-60-2	Caprolactam	4000	U	4000	9300	11400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2800	U	2800	4500	5900	ug/Kg
91-57-6	2-Methylnaphthalene	5600	JD	3300	4500	5900	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-19DL	SDG No.:	BF081123
Lab Sample ID:	O3954-13DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134728.D	50	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	7200	U	7200	9300	11400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2700	U	2700	4500	5900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3000	U	3000	4500	5900	ug/Kg
92-52-4	1,1-Biphenyl	3100	U	3100	4500	5900	ug/Kg
91-58-7	2-Chloronaphthalene	2900	U	2900	4500	5900	ug/Kg
88-74-4	2-Nitroaniline	3400	U	3400	4500	5900	ug/Kg
131-11-3	Dimethylphthalate	3100	U	3100	4500	5900	ug/Kg
208-96-8	Acenaphthylene	3000	U	3000	4500	5900	ug/Kg
606-20-2	2,6-Dinitrotoluene	3100	U	3100	4500	5900	ug/Kg
99-09-2	3-Nitroaniline	3200	U	3200	4500	5900	ug/Kg
83-32-9	Acenaphthene	9300	D	2800	4500	5900	ug/Kg
Total PAH	Total PAH	354300	D	49600	4500	94400	ug/Kg
51-28-5	2,4-Dinitrophenol	6200	U	6200	9300	11400	ug/Kg
100-02-7	4-Nitrophenol	3900	U	3900	9300	11400	ug/Kg
132-64-9	Dibenzofuran	7800	D	2700	4500	5900	ug/Kg
121-14-2	2,4-Dinitrotoluene	3400	U	3400	4500	5900	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6500	U	6500	4500	11800	ug/Kg
84-66-2	Diethylphthalate	3000	U	3000	4500	5900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3100	U	3100	4500	5900	ug/Kg
86-73-7	Fluorene	11600	D	2900	4500	5900	ug/Kg
100-01-6	4-Nitroaniline	3600	U	3600	4500	5900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3000	U	3000	9300	11400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	3200	U	3200	4500	5900	ug/Kg
103-33-3	Azobenzene	2500	U	2500	4500	5900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3400	U	3400	4500	5900	ug/Kg
118-74-1	Hexachlorobenzene	3400	U	3400	4500	5900	ug/Kg
1912-24-9	Atrazine	3300	U	3300	4500	5900	ug/Kg
87-86-5	Pentachlorophenol	3800	U	3800	9300	11400	ug/Kg
85-01-8	Phenanthrene	73000	D	3200	4500	5900	ug/Kg
120-12-7	Anthracene	17400	D	3500	4500	5900	ug/Kg
86-74-8	Carbazole	7600	D	2900	4500	5900	ug/Kg
84-74-2	Di-n-butylphthalate	3600	U	3600	4500	5900	ug/Kg
206-44-0	Fluoranthene	62900	D	3300	4500	5900	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-19DL	SDG No.:	BF081123
Lab Sample ID:	O3954-13DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134728.D	50	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6700	U	6700	9300	11400	ug/Kg
129-00-0	Pyrene	45300	D	2900	4500	5900	ug/Kg
85-68-7	Butylbenzylphthalate	3600	U	3600	4500	5900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	5600	U	5600	9300	11400	ug/Kg
56-55-3	Benzo(a)anthracene	22700	D	2900	4500	5900	ug/Kg
218-01-9	Chrysene	21800	D	3000	4500	5900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4000	U	4000	4500	5900	ug/Kg
117-84-0	Di-n-octyl phthalate	4200	U	4200	9300	11400	ug/Kg
205-99-2	Benzo(b)fluoranthene	26700	D	2800	4500	5900	ug/Kg
207-08-9	Benzo(k)fluoranthene	8200	D	3000	4500	5900	ug/Kg
50-32-8	Benzo(a)pyrene	19400	D	3300	4500	5900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	9200	D	3700	4500	5900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3300	U	3300	4500	5900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	10600	D	3200	4500	5900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3100	U	3100	4500	5900	ug/Kg
123-91-1	1,4-Dioxane	4000	U	4000	4500	5900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2900	U	2900	4500	5900	ug/Kg
90-12-0	1-Methylnaphthalene	4000	JD	3100	5900	5900	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	44.35		18-112		30	SPK: -150
13127-88-3	Phenol-d6	37.65		15-107		25	SPK: -150
4165-60-0	Nitrobenzene-d5	39.6		18-107		40	SPK: -100
321-60-8	2-Fluorobiphenyl	60.4		20-109		60	SPK: -100
118-79-6	2,4,6-Tribromophenol	53.65		10-110		36	SPK: -150
1718-51-0	Terphenyl-d14	47.5		14-112		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	153950	6.798				
1146-65-2	Naphthalene-d8	558942	8.075				
15067-26-2	Acenaphthene-d10	251953	9.833				
1517-22-2	Phenanthrene-d10	383717	11.321				
1719-03-5	Chrysene-d12	316406	13.968				
1520-96-3	Perylene-d12	267423	15.439				



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Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	WC-19DL	SDG No.:	BF081123
Lab Sample ID:	O3954-13DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134728.D	50	8/10/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154742

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	8/11/2023 12:00:00 AM
Project:		Date Received:	8/11/2023 12:00:00 AM
Client Sample ID:	PB154767BL	SDG No.:	BF081123
Lab Sample ID:	PB154767BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134731.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	77.2	U	77.2	270	330	ug/Kg
110-86-1	Pyridine	72.4	U	72.4	130	170	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	330	ug/Kg
62-53-3	Aniline	120	U	120	130	170	ug/Kg
108-95-2	Phenol	74.4	U	74.4	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.7	U	89.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	72	U	72	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	81.6	U	81.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	88.4	U	88.4	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	82.3	U	82.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	98.7	U	98.7	270	330	ug/Kg
95-48-7	2-Methylphenol	110	U	110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	130	170	ug/Kg
98-86-2	Acetophenone	86.6	U	86.6	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	59	U	59	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	73.6	U	73.6	130	170	ug/Kg
98-95-3	Nitrobenzene	75.1	U	75.1	130	170	ug/Kg
78-59-1	Isophorone	68.1	U	68.1	130	170	ug/Kg
88-75-5	2-Nitrophenol	95	U	95	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	99.5	U	99.5	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	78	U	78	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	77.4	U	77.4	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	81.3	U	81.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.9	U	83.9	130	170	ug/Kg
105-60-2	Caprolactam	120	U	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.4	U	82.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	94.8	U	94.8	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/11/2023 12:00:00 AM
Project:		Date Received:	8/11/2023 12:00:00 AM
Client Sample ID:	PB154767BL	SDG No.:	BF081123
Lab Sample ID:	PB154767BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134731.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	210	U	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77	U	77	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.8	U	87.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	91.2	U	91.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	84.5	U	84.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	99.2	U	99.2	130	170	ug/Kg
131-11-3	Dimethylphthalate	88.8	U	88.8	130	170	ug/Kg
208-96-8	Acenaphthylene	88.3	U	88.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.9	U	89.9	130	170	ug/Kg
99-09-2	3-Nitroaniline	93.3	U	93.3	130	170	ug/Kg
83-32-9	Acenaphthene	80.2	U	80.2	130	170	ug/Kg
Total PAH	Total PAH	1436.7	U	1436.7	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	270	330	ug/Kg
132-64-9	Dibenzofuran	76.8	U	76.8	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.7	U	189.7	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.8	U	99.8	130	170	ug/Kg
84-66-2	Diethylphthalate	85.8	U	85.8	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.3	U	90.3	130	170	ug/Kg
86-73-7	Fluorene	84.7	U	84.7	130	170	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.7	U	87.7	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.2	U	93.2	130	170	ug/Kg
103-33-3	Azobenzene	73.5	U	73.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.3	U	97.3	130	170	ug/Kg
118-74-1	Hexachlorobenzene	98.7	U	98.7	130	170	ug/Kg
1912-24-9	Atrazine	95.3	U	95.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	270	330	ug/Kg
85-01-8	Phenanthrene	92.6	U	92.6	130	170	ug/Kg
120-12-7	Anthracene	100	U	100	130	170	ug/Kg
86-74-8	Carbazole	84.8	U	84.8	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	130	170	ug/Kg
206-44-0	Fluoranthene	94.3	U	94.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/11/2023 12:00:00 AM
Project:		Date Received:	8/11/2023 12:00:00 AM
Client Sample ID:	PB154767BL	SDG No.:	BF081123
Lab Sample ID:	PB154767BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134731.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	190	U	190	270	330	ug/Kg
129-00-0	Pyrene	83.6	U	83.6	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	83.8	U	83.8	130	170	ug/Kg
218-01-9	Chrysene	86.7	U	86.7	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.2	U	80.2	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	88	U	88	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	94.2	U	94.2	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96.4	U	96.4	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.4	U	92.4	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.3	U	89.3	130	170	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.8	U	82.8	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	90.1	U	90.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111.876		18-112		75	SPK: -150
13127-88-3	Phenol-d6	109.817		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	92.12		18-107		92	SPK: -100
321-60-8	2-Fluorobiphenyl	82.696		20-109		83	SPK: -100
118-79-6	2,4,6-Tribromophenol	136.539		10-110		91	SPK: -150
1718-51-0	Terphenyl-d14	75.689		14-112		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190908	6.798				
1146-65-2	Naphthalene-d8	758509	8.075				
15067-26-2	Acenaphthene-d10	395173	9.828				
1517-22-2	Phenanthrene-d10	766963	11.322				
1719-03-5	Chrysene-d12	575172	13.969				
1520-96-3	Perylene-d12	466248	15.439				



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Report of Analysis

Client:		Date Collected:	8/11/2023 12:00:00 AM
Project:		Date Received:	8/11/2023 12:00:00 AM
Client Sample ID:	PB154767BL	SDG No.:	BF081123
Lab Sample ID:	PB154767BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134731.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	70.6	J			2.14	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.063	

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	B-PP041A	SDG No.:	BF081123
Lab Sample ID:	O3971-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.4
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134732.D	5	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	420	U	420	1500	1800	ug/Kg
110-86-1	Pyridine	390	U	390	710	930	ug/Kg
100-52-7	Benzaldehyde	810	U	810	1500	1800	ug/Kg
62-53-3	Aniline	640	U	640	710	930	ug/Kg
108-95-2	Phenol	410	U	410	710	930	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	490	U	490	710	930	ug/Kg
95-57-8	2-Chlorophenol	390	U	390	710	930	ug/Kg
95-50-1	1,2-Dichlorobenzene	450	U	450	710	930	ug/Kg
541-73-1	1,3-Dichlorobenzene	480	U	480	710	930	ug/Kg
106-46-7	1,4-Dichlorobenzene	450	U	450	710	930	ug/Kg
100-51-6	Benzyl Alcohol	540	U	540	1500	1800	ug/Kg
95-48-7	2-Methylphenol	620	U	620	710	930	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	570	U	570	710	930	ug/Kg
98-86-2	Acetophenone	470	U	470	710	930	ug/Kg
65794-96-9	3+4-Methylphenols	590	U	590	1500	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	320	U	320	440	440	ug/Kg
67-72-1	Hexachloroethane	400	U	400	710	930	ug/Kg
98-95-3	Nitrobenzene	410	U	410	710	930	ug/Kg
78-59-1	Isophorone	370	U	370	710	930	ug/Kg
88-75-5	2-Nitrophenol	520	U	520	710	930	ug/Kg
105-67-9	2,4-Dimethylphenol	540	U	540	710	930	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	610	U	610	710	930	ug/Kg
120-83-2	2,4-Dichlorophenol	430	U	430	710	930	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	420	U	420	710	930	ug/Kg
65-85-0	Benzoic acid	1200	U	1200	1500	1800	ug/Kg
91-20-3	Naphthalene	440	U	440	710	930	ug/Kg
106-47-8	4-Chloroaniline	570	U	570	710	930	ug/Kg
87-68-3	Hexachlorobutadiene	460	U	460	710	930	ug/Kg
105-60-2	Caprolactam	640	U	640	1500	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	450	U	450	710	930	ug/Kg
91-57-6	2-Methylnaphthalene	520	U	520	710	930	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	B-PP041A	SDG No.:	BF081123
Lab Sample ID:	O3971-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134732.D	5	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1100	U	1100	1500	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	420	U	420	710	930	ug/Kg
95-95-4	2,4,5-Trichlorophenol	480	U	480	710	930	ug/Kg
92-52-4	1,1-Biphenyl	500	U	500	710	930	ug/Kg
91-58-7	2-Chloronaphthalene	460	U	460	710	930	ug/Kg
88-74-4	2-Nitroaniline	540	U	540	710	930	ug/Kg
131-11-3	Dimethylphthalate	480	U	480	710	930	ug/Kg
208-96-8	Acenaphthylene	480	U	480	710	930	ug/Kg
606-20-2	2,6-Dinitrotoluene	490	U	490	710	930	ug/Kg
99-09-2	3-Nitroaniline	510	U	510	710	930	ug/Kg
83-32-9	Acenaphthene	440	U	440	710	930	ug/Kg
Total PAH	Total PAH	7830	U	7830	710	14880	ug/Kg
51-28-5	2,4-Dinitrophenol	980	U	980	1500	1800	ug/Kg
100-02-7	4-Nitrophenol	620	U	620	1500	1800	ug/Kg
132-64-9	Dibenzofuran	420	U	420	710	930	ug/Kg
121-14-2	2,4-Dinitrotoluene	540	U	540	710	930	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1030	U	1030	710	1860	ug/Kg
84-66-2	Diethylphthalate	470	U	470	710	930	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	490	U	490	710	930	ug/Kg
86-73-7	Fluorene	460	U	460	710	930	ug/Kg
100-01-6	4-Nitroaniline	570	U	570	710	930	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	480	U	480	1500	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	510	U	510	710	930	ug/Kg
103-33-3	Azobenzene	400	U	400	710	930	ug/Kg
101-55-3	4-Bromophenyl-phenylether	530	U	530	710	930	ug/Kg
118-74-1	Hexachlorobenzene	540	U	540	710	930	ug/Kg
1912-24-9	Atrazine	520	U	520	710	930	ug/Kg
87-86-5	Pentachlorophenol	600	U	600	1500	1800	ug/Kg
85-01-8	Phenanthrene	510	U	510	710	930	ug/Kg
120-12-7	Anthracene	560	U	560	710	930	ug/Kg
86-74-8	Carbazole	460	U	460	710	930	ug/Kg
84-74-2	Di-n-butylphthalate	570	U	570	710	930	ug/Kg
206-44-0	Fluoranthene	510	U	510	710	930	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	B-PP041A	SDG No.:	BF081123
Lab Sample ID:	O3971-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.4
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134732.D	5	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1100	U	1100	1500	1800	ug/Kg
129-00-0	Pyrene	460	U	460	710	930	ug/Kg
85-68-7	Butylbenzylphthalate	560	U	560	710	930	ug/Kg
91-94-1	3,3-Dichlorobenzidine	880	U	880	1500	1800	ug/Kg
56-55-3	Benzo(a)anthracene	460	U	460	710	930	ug/Kg
218-01-9	Chrysene	470	U	470	710	930	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	630	U	630	710	930	ug/Kg
117-84-0	Di-n-octyl phthalate	670	U	670	1500	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	440	U	440	710	930	ug/Kg
207-08-9	Benzo(k)fluoranthene	480	U	480	710	930	ug/Kg
50-32-8	Benzo(a)pyrene	510	U	510	710	930	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	580	U	580	710	930	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	530	U	530	710	930	ug/Kg
191-24-2	Benzo(g,h,i)perylene	500	U	500	710	930	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	490	U	490	710	930	ug/Kg
123-91-1	1,4-Dioxane	640	U	640	710	930	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	450	U	450	710	930	ug/Kg
90-12-0	1-Methylnaphthalene	490	U	490	930	930	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	48.275		18-112		32	SPK: -150
13127-88-3	Phenol-d6	62.995		15-107		42	SPK: -150
4165-60-0	Nitrobenzene-d5	60.065		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	71.925		20-109		72	SPK: -100
118-79-6	2,4,6-Tribromophenol	31.205		10-110		21	SPK: -150
1718-51-0	Terphenyl-d14	58.175		14-112		58	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173400	6.798				
1146-65-2	Naphthalene-d8	648041	8.075				
15067-26-2	Acenaphthene-d10	291974	9.828				
1517-22-2	Phenanthrene-d10	490649	11.322				
1719-03-5	Chrysene-d12	398411	13.969				
1520-96-3	Perylene-d12	298020	15.439				

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	B-PP041A	SDG No.:	BF081123
Lab Sample ID:	O3971-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.4
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134732.D	5	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	370	A			5.016	
000527-84-4	o-Cymene	400	J			7.816	
000544-76-3	Hexadecane	610	J			9.234	
000629-62-9	Pentadecane	710	J			9.769	
006165-40-8	Pentadecane, 7-methyl-	370	J			10.269	
000057-10-3	n-Hexadecanoic acid	630	J			11.851	

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	B-PP01A	SDG No.:	BF081123
Lab Sample ID:	O3971-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134733.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	85.4	U	85.4	300	360	ug/Kg
110-86-1	Pyridine	80	U	80	140	190	ug/Kg
100-52-7	Benzaldehyde	160	U	160	300	360	ug/Kg
62-53-3	Aniline	130	U	130	140	190	ug/Kg
108-95-2	Phenol	82.2	U	82.2	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	99.2	U	99.2	140	190	ug/Kg
95-57-8	2-Chlorophenol	79.5	U	79.5	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	90.3	U	90.3	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	97.8	U	97.8	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	91	U	91	140	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	300	360	ug/Kg
95-48-7	2-Methylphenol	130	U	130	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	140	190	ug/Kg
98-86-2	Acetophenone	95.8	U	95.8	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	65.2	U	65.2	88.4	88.4	ug/Kg
67-72-1	Hexachloroethane	81.3	U	81.3	140	190	ug/Kg
98-95-3	Nitrobenzene	83.1	U	83.1	140	190	ug/Kg
78-59-1	Isophorone	75.2	U	75.2	140	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	86.3	U	86.3	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.6	U	85.6	140	190	ug/Kg
65-85-0	Benzoic acid	240	U	240	300	360	ug/Kg
91-20-3	Naphthalene	89.9	U	89.9	140	190	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.8	U	92.8	140	190	ug/Kg
105-60-2	Caprolactam	130	U	130	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	91.1	U	91.1	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	B-PP01A	SDG No.:	BF081123
Lab Sample ID:	O3971-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134733.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	230	U	230	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85.2	U	85.2	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	97.1	U	97.1	140	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	93.5	U	93.5	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	98.2	U	98.2	140	190	ug/Kg
208-96-8	Acenaphthylene	97.7	U	97.7	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	99.4	U	99.4	140	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	140	190	ug/Kg
83-32-9	Acenaphthene	88.7	U	88.7	140	190	ug/Kg
Total PAH	Total PAH	1577.1	U	1577.1	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	300	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	360	ug/Kg
132-64-9	Dibenzofuran	85	U	85	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	209.4	U	209.4	140	380	ug/Kg
84-66-2	Diethylphthalate	94.9	U	94.9	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.9	U	99.9	140	190	ug/Kg
86-73-7	Fluorene	93.7	U	93.7	140	190	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	97	U	97	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	140	190	ug/Kg
103-33-3	Azobenzene	81.2	U	81.2	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	140	190	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	140	190	ug/Kg
1912-24-9	Atrazine	110	U	110	140	190	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	300	360	ug/Kg
85-01-8	Phenanthrene	100	U	100	140	190	ug/Kg
120-12-7	Anthracene	110	U	110	140	190	ug/Kg
86-74-8	Carbazole	93.8	U	93.8	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	140	190	ug/Kg
206-44-0	Fluoranthene	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	B-PP01A	SDG No.:	BF081123
Lab Sample ID:	O3971-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134733.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	210	U	210	300	360	ug/Kg
129-00-0	Pyrene	92.5	U	92.5	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	92.7	U	92.7	140	190	ug/Kg
218-01-9	Chrysene	95.9	U	95.9	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	88.7	U	88.7	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	97.3	U	97.3	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	98.8	U	98.8	140	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91.6	U	91.6	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	99.7	U	99.7	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	51.17		18-112		34	SPK: -150
13127-88-3	Phenol-d6	63.079		15-107		42	SPK: -150
4165-60-0	Nitrobenzene-d5	59.986		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	64.584		20-109		65	SPK: -100
118-79-6	2,4,6-Tribromophenol	39.879		10-110		27	SPK: -150
1718-51-0	Terphenyl-d14	49.694		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	171381	6.798				
1146-65-2	Naphthalene-d8	636347	8.075				
15067-26-2	Acenaphthene-d10	259666	9.833				
1517-22-2	Phenanthrene-d10	427614	11.321				
1719-03-5	Chrysene-d12	370687	13.968				
1520-96-3	Perylene-d12	276962	15.439				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	B-PP01A	SDG No.:	BF081123
Lab Sample ID:	O3971-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.7
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134733.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000141-79-7	3-Penten-2-one, 4-methyl-	1600	A			4.416	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	590	A			5.028	
000057-10-3	n-Hexadecanoic acid	98.3	J			11.851	
018435-45-5	1-Nonadecene	150	J			13.827	

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	WC-PP01	SDG No.:	BF081123
Lab Sample ID:	O3971-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.5
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134734.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	92.5	U	92.5	320	390	ug/Kg
110-86-1	Pyridine	86.6	U	86.6	160	200	ug/Kg
100-52-7	Benzaldehyde	180	U	180	320	390	ug/Kg
62-53-3	Aniline	140	U	140	160	200	ug/Kg
108-95-2	Phenol	89	U	89	160	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	200	ug/Kg
95-57-8	2-Chlorophenol	86.1	U	86.1	160	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	97.7	U	97.7	160	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	98.6	U	98.6	160	200	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	320	390	ug/Kg
95-48-7	2-Methylphenol	140	U	140	160	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	160	200	ug/Kg
98-86-2	Acetophenone	100	U	100	160	200	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	70.6	U	70.6	95.7	95.7	ug/Kg
67-72-1	Hexachloroethane	88.1	U	88.1	160	200	ug/Kg
98-95-3	Nitrobenzene	90	U	90	160	200	ug/Kg
78-59-1	Isophorone	81.5	U	81.5	160	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	160	200	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	160	200	ug/Kg
120-83-2	2,4-Dichlorophenol	93.4	U	93.4	160	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	92.7	U	92.7	160	200	ug/Kg
65-85-0	Benzoic acid	260	U	260	320	390	ug/Kg
91-20-3	Naphthalene	97.4	U	97.4	160	200	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	160	200	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	200	ug/Kg
105-60-2	Caprolactam	140	U	140	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98.7	U	98.7	160	200	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	WC-PP01	SDG No.:	BF081123
Lab Sample ID:	O3971-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.5
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134734.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	250	U	250	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	92.2	U	92.2	160	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	160	200	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	200	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	200	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	200	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	160	200	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	160	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	200	ug/Kg
83-32-9	Acenaphthene	96.1	U	96.1	160	200	ug/Kg
Total PAH	Total PAH	1719.6	U	1719.6	160	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	220	U	220	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	92	U	92	160	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	160	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	160	200	ug/Kg
84-66-2	Diethylphthalate	100	U	100	160	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	200	ug/Kg
86-73-7	Fluorene	100	U	100	160	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	160	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	160	200	ug/Kg
103-33-3	Azobenzene	87.9	U	87.9	160	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	160	200	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	160	200	ug/Kg
1912-24-9	Atrazine	110	U	110	160	200	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	320	390	ug/Kg
85-01-8	Phenanthrene	110	U	110	160	200	ug/Kg
120-12-7	Anthracene	120	U	120	160	200	ug/Kg
86-74-8	Carbazole	100	U	100	160	200	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	160	200	ug/Kg
206-44-0	Fluoranthene	110	U	110	160	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	WC-PP01	SDG No.:	BF081123
Lab Sample ID:	O3971-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.5
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134734.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	230	U	230	320	390	ug/Kg
129-00-0	Pyrene	100	U	100	160	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	200	ug/Kg
218-01-9	Chrysene	100	U	100	160	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	160	200	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	96.1	U	96.1	160	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	160	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	160	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	160	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	160	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	200	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99.2	U	99.2	160	200	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.759		18-112		47	SPK: -150
13127-88-3	Phenol-d6	65.88		15-107		44	SPK: -150
4165-60-0	Nitrobenzene-d5	55.44		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	61.212		20-109		61	SPK: -100
118-79-6	2,4,6-Tribromophenol	76.864		10-110		51	SPK: -150
1718-51-0	Terphenyl-d14	51.351		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	183707	6.798				
1146-65-2	Naphthalene-d8	694840	8.075				
15067-26-2	Acenaphthene-d10	299996	9.833				
1517-22-2	Phenanthrene-d10	501406	11.321				
1719-03-5	Chrysene-d12	414133	13.968				
1520-96-3	Perylene-d12	311205	15.439				



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Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	WC-PP01	SDG No.:	BF081123
Lab Sample ID:	O3971-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.5
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134734.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	B-PP04B	SDG No.:	BF081123
Lab Sample ID:	O3971-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134735.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	89.5	U	89.5	310	380	ug/Kg
110-86-1	Pyridine	83.9	U	83.9	150	200	ug/Kg
100-52-7	Benzaldehyde	170	U	170	310	380	ug/Kg
62-53-3	Aniline	140	U	140	150	200	ug/Kg
108-95-2	Phenol	86.2	U	86.2	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	200	ug/Kg
95-57-8	2-Chlorophenol	83.4	U	83.4	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	94.6	U	94.6	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.4	U	95.4	150	200	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	310	380	ug/Kg
95-48-7	2-Methylphenol	130	U	130	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	68.3	U	68.3	92.7	92.7	ug/Kg
67-72-1	Hexachloroethane	85.3	U	85.3	150	200	ug/Kg
98-95-3	Nitrobenzene	87.1	U	87.1	150	200	ug/Kg
78-59-1	Isophorone	78.9	U	78.9	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	90.5	U	90.5	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	89.8	U	89.8	150	200	ug/Kg
65-85-0	Benzoic acid	250	U	250	310	380	ug/Kg
91-20-3	Naphthalene	94.3	U	94.3	150	200	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	97.3	U	97.3	150	200	ug/Kg
105-60-2	Caprolactam	140	U	140	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95.6	U	95.6	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	B-PP04B	SDG No.:	BF081123
Lab Sample ID:	O3971-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134735.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	240	U	240	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	89.3	U	89.3	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	150	200	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	98	U	98	150	200	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	150	200	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	93	U	93	150	200	ug/Kg
Total PAH	Total PAH	1662.7	U	1662.7	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	89.1	U	89.1	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	150	200	ug/Kg
84-66-2	Diethylphthalate	99.5	U	99.5	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	98.2	U	98.2	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	200	ug/Kg
103-33-3	Azobenzene	85.1	U	85.1	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	200	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	310	380	ug/Kg
85-01-8	Phenanthrene	110	U	110	150	200	ug/Kg
120-12-7	Anthracene	120	U	120	150	200	ug/Kg
86-74-8	Carbazole	98.3	U	98.3	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	200	ug/Kg
206-44-0	Fluoranthene	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	B-PP04B	SDG No.:	BF081123
Lab Sample ID:	O3971-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134735.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	220	U	220	310	380	ug/Kg
129-00-0	Pyrene	97	U	97	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	97.2	U	97.2	150	200	ug/Kg
218-01-9	Chrysene	100	U	100	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	93	U	93	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	96	U	96	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	65.021		18-112		43	SPK: -150
13127-88-3	Phenol-d6	62.68		15-107		42	SPK: -150
4165-60-0	Nitrobenzene-d5	55.508		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	58.325		20-109		58	SPK: -100
118-79-6	2,4,6-Tribromophenol	65.359		10-110		44	SPK: -150
1718-51-0	Terphenyl-d14	42.49		14-112		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182040	6.798				
1146-65-2	Naphthalene-d8	661361	8.075				
15067-26-2	Acenaphthene-d10	272313	9.833				
1517-22-2	Phenanthrene-d10	448565	11.321				
1719-03-5	Chrysene-d12	376355	13.968				
1520-96-3	Perylene-d12	281397	15.439				



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Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	B-PP04B	SDG No.:	BF081123
Lab Sample ID:	O3971-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134735.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000141-79-7	3-Penten-2-one, 4-methyl-	840	A			4.41	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	A			5.034	
000057-10-3	n-Hexadecanoic acid	140	J			11.857	
018835-33-1	1-Hexacosene	140	J			13.827	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	B-PP03A	SDG No.:	BF081123
Lab Sample ID:	O3971-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134736.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	87.3	U	87.3	300	370	ug/Kg
110-86-1	Pyridine	81.7	U	81.7	150	190	ug/Kg
100-52-7	Benzaldehyde	170	U	170	300	370	ug/Kg
62-53-3	Aniline	130	U	130	150	190	ug/Kg
108-95-2	Phenol	84	U	84	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	190	ug/Kg
95-57-8	2-Chlorophenol	81.3	U	81.3	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	92.2	U	92.2	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	99.9	U	99.9	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	93	U	93	150	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	300	370	ug/Kg
95-48-7	2-Methylphenol	130	U	130	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	190	ug/Kg
98-86-2	Acetophenone	97.9	U	97.9	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	66.6	U	66.6	90.3	90.3	ug/Kg
67-72-1	Hexachloroethane	83.1	U	83.1	150	190	ug/Kg
98-95-3	Nitrobenzene	84.9	U	84.9	150	190	ug/Kg
78-59-1	Isophorone	76.9	U	76.9	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	88.2	U	88.2	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	87.5	U	87.5	150	190	ug/Kg
65-85-0	Benzoic acid	240	U	240	300	370	ug/Kg
91-20-3	Naphthalene	150	J	91.9	150	190	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	94.8	U	94.8	150	190	ug/Kg
105-60-2	Caprolactam	130	U	130	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93.1	U	93.1	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	B-PP03A	SDG No.:	BF081123
Lab Sample ID:	O3971-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134736.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	240	U	240	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87	U	87	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99.2	U	99.2	150	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	95.5	U	95.5	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	150	190	ug/Kg
208-96-8	Acenaphthylene	99.8	U	99.8	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	150	190	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	190	ug/Kg
83-32-9	Acenaphthene	90.7	U	90.7	150	190	ug/Kg
Total PAH	Total PAH	1625.5	U	1625.5	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	86.8	U	86.8	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	150	190	ug/Kg
84-66-2	Diethylphthalate	97	U	97	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	190	ug/Kg
86-73-7	Fluorene	95.7	U	95.7	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99.1	U	99.1	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	190	ug/Kg
103-33-3	Azobenzene	83	U	83	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	190	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	150	190	ug/Kg
1912-24-9	Atrazine	110	U	110	150	190	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	300	370	ug/Kg
85-01-8	Phenanthrene	100	U	100	150	190	ug/Kg
120-12-7	Anthracene	120	U	120	150	190	ug/Kg
86-74-8	Carbazole	95.8	U	95.8	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	190	ug/Kg
206-44-0	Fluoranthene	110	U	110	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	B-PP03A	SDG No.:	BF081123
Lab Sample ID:	O3971-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134736.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	220	U	220	300	370	ug/Kg
129-00-0	Pyrene	94.5	U	94.5	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	94.7	U	94.7	150	190	ug/Kg
218-01-9	Chrysene	98	U	98	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	J	130	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	90.7	U	90.7	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	99.5	U	99.5	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	93.6	U	93.6	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	66.122		18-112		44	SPK: -150
13127-88-3	Phenol-d6	63.519		15-107		42	SPK: -150
4165-60-0	Nitrobenzene-d5	51.986		18-107		52	SPK: -100
321-60-8	2-Fluorobiphenyl	48.635		20-109		49	SPK: -100
118-79-6	2,4,6-Tribromophenol	65.761		10-110		44	SPK: -150
1718-51-0	Terphenyl-d14	46.024		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	187381	6.798				
1146-65-2	Naphthalene-d8	715400	8.075				
15067-26-2	Acenaphthene-d10	324511	9.833				
1517-22-2	Phenanthrene-d10	520464	11.322				
1719-03-5	Chrysene-d12	349811	13.968				
1520-96-3	Perylene-d12	271602	15.439				

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	B-PP03A	SDG No.:	BF081123
Lab Sample ID:	O3971-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.6
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134736.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000105-05-5	Benzene, 1,4-diethyl-	110	J			7.116	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	96.3	J			7.263	
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	96.7	J			7.286	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	200	J			7.563	
000527-84-4	o-Cymene	290	J			7.592	
001595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	100	J			7.734	
000874-35-1	1H-Indene, 2,3-dihydro-5-methyl-	100	J			7.751	
000824-90-8	1-Phenyl-1-butene	360	J			7.816	
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	120	J			7.845	
004920-99-4	Benzene, 1-ethyl-3-(1-methylethyl)-	120	J			7.892	
000629-59-4	Tetradecane	310	J			9.239	
017312-81-1	Undecane, 3,5-dimethyl-	100	J			9.492	
000112-40-3	Dodecane	250	J			9.557	
006418-41-3	Tridecane, 3-methyl-	99.3	J			9.58	
000544-76-3	Hexadecane	360	J			9.769	
000629-78-7	Heptadecane	190	J			10.269	
000593-45-3	Octadecane	110	J			10.745	
000057-10-3	n-Hexadecanoic acid	270	J			11.857	
000057-11-4	Octadecanoic acid	160	J			12.645	
018435-45-5	1-Nonadecene	130	J			13.827	

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	B-PP02A	SDG No.:	BF081123
Lab Sample ID:	O3971-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134737.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	83.5	U	83.5	290	360	ug/Kg
110-86-1	Pyridine	78.2	U	78.2	140	180	ug/Kg
100-52-7	Benzaldehyde	160	U	160	290	360	ug/Kg
62-53-3	Aniline	130	U	130	140	180	ug/Kg
108-95-2	Phenol	80.3	U	80.3	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	97	U	97	140	180	ug/Kg
95-57-8	2-Chlorophenol	77.7	U	77.7	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	88.2	U	88.2	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	95.6	U	95.6	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	89	U	89	140	180	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	290	360	ug/Kg
95-48-7	2-Methylphenol	120	U	120	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	140	180	ug/Kg
98-86-2	Acetophenone	93.6	U	93.6	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	63.7	U	63.7	86.4	86.4	ug/Kg
67-72-1	Hexachloroethane	79.5	U	79.5	140	180	ug/Kg
98-95-3	Nitrobenzene	81.2	U	81.2	140	180	ug/Kg
78-59-1	Isophorone	73.5	U	73.5	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	84.3	U	84.3	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	83.7	U	83.7	140	180	ug/Kg
65-85-0	Benzoic acid	230	U	230	290	360	ug/Kg
91-20-3	Naphthalene	87.9	U	87.9	140	180	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	90.7	U	90.7	140	180	ug/Kg
105-60-2	Caprolactam	130	U	130	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89.1	U	89.1	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	B-PP02A	SDG No.:	BF081123
Lab Sample ID:	O3971-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134737.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	230	U	230	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83.3	U	83.3	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	94.9	U	94.9	140	180	ug/Kg
92-52-4	1,1-Biphenyl	98.6	U	98.6	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	91.4	U	91.4	140	180	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	180	ug/Kg
131-11-3	Dimethylphthalate	96	U	96	140	180	ug/Kg
208-96-8	Acenaphthylene	95.5	U	95.5	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	97.2	U	97.2	140	180	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	140	180	ug/Kg
83-32-9	Acenaphthene	86.7	U	86.7	140	180	ug/Kg
Total PAH	Total PAH	1548.1	U	1548.1	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	290	360	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	360	ug/Kg
132-64-9	Dibenzofuran	83	U	83	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	207.2	U	207.2	140	360	ug/Kg
84-66-2	Diethylphthalate	92.8	U	92.8	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	97.6	U	97.6	140	180	ug/Kg
86-73-7	Fluorene	91.6	U	91.6	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	94.8	U	94.8	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	140	180	ug/Kg
103-33-3	Azobenzene	79.4	U	79.4	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	140	180	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	140	180	ug/Kg
1912-24-9	Atrazine	100	U	100	140	180	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	290	360	ug/Kg
85-01-8	Phenanthrene	100	U	100	140	180	ug/Kg
120-12-7	Anthracene	110	U	110	140	180	ug/Kg
86-74-8	Carbazole	91.7	U	91.7	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	140	180	ug/Kg
206-44-0	Fluoranthene	300		100	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	B-PP02A	SDG No.:	BF081123
Lab Sample ID:	O3971-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134737.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	210	U	210	290	360	ug/Kg
129-00-0	Pyrene	250		90.4	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	170	U	170	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	170	J	90.6	140	180	ug/Kg
218-01-9	Chrysene	170	J	93.7	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	280		86.7	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	95.1	U	95.1	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	190		100	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	99.9	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.5	U	96.5	140	180	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	89.5	U	89.5	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	97.4	U	97.4	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	59.699		18-112		40	SPK: -150
13127-88-3	Phenol-d6	56.152		15-107		37	SPK: -150
4165-60-0	Nitrobenzene-d5	48.331		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	53.61		20-109		54	SPK: -100
118-79-6	2,4,6-Tribromophenol	66.04		10-110		44	SPK: -150
1718-51-0	Terphenyl-d14	46.228		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	185633	6.798				
1146-65-2	Naphthalene-d8	680200	8.075				
15067-26-2	Acenaphthene-d10	291360	9.834				
1517-22-2	Phenanthrene-d10	500991	11.322				
1719-03-5	Chrysene-d12	396500	13.969				
1520-96-3	Perylene-d12	300085	15.439				

Report of Analysis

Client:		Date Collected:	8/7/2023 12:00:00 AM
Project:		Date Received:	8/7/2023 12:00:00 AM
Client Sample ID:	B-PP02A	SDG No.:	BF081123
Lab Sample ID:	O3971-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134737.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	290	J			11.857	
000057-11-4	Octadecanoic acid	110	J			12.645	
074685-30-6	5-Eicosene, (E)-	230	J			13.827	
010192-32-2	1-Tetracosene	170	J			14.469	
1000108-92-4	Farnesol isomer a	120	J			14.839	
053057-53-7	1,21-Docosadiene	130	J			14.91	
000544-76-3	Hexadecane	96.8	J			15.11	
000297-24-5	Cyclooctacosane	88.9	J			15.139	
000198-55-0	Perylene	190	J			15.31	
000646-31-1	Tetracosane	84.2	J			15.945	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	DUP-05	SDG No.:	BF081123
Lab Sample ID:	O3971-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134738.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	82.4	U	82.4	290	350	ug/Kg
110-86-1	Pyridine	77.2	U	77.2	140	180	ug/Kg
100-52-7	Benzaldehyde	160	U	160	290	350	ug/Kg
62-53-3	Aniline	120	U	120	140	180	ug/Kg
108-95-2	Phenol	79.3	U	79.3	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	95.7	U	95.7	140	180	ug/Kg
95-57-8	2-Chlorophenol	76.7	U	76.7	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	87.1	U	87.1	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	94.3	U	94.3	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	87.8	U	87.8	140	180	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	290	350	ug/Kg
95-48-7	2-Methylphenol	120	U	120	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	140	180	ug/Kg
98-86-2	Acetophenone	92.4	U	92.4	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	62.9	U	62.9	85.3	85.3	ug/Kg
67-72-1	Hexachloroethane	78.4	U	78.4	140	180	ug/Kg
98-95-3	Nitrobenzene	80.1	U	80.1	140	180	ug/Kg
78-59-1	Isophorone	72.6	U	72.6	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	83.2	U	83.2	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	82.6	U	82.6	140	180	ug/Kg
65-85-0	Benzoic acid	230	U	230	290	350	ug/Kg
91-20-3	Naphthalene	180		86.8	140	180	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	89.5	U	89.5	140	180	ug/Kg
105-60-2	Caprolactam	120	U	120	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	87.9	U	87.9	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	DUP-05	SDG No.:	BF081123
Lab Sample ID:	O3971-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134738.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	220	U	220	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82.2	U	82.2	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	93.7	U	93.7	140	180	ug/Kg
92-52-4	1,1-Biphenyl	97.3	U	97.3	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	90.2	U	90.2	140	180	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	180	ug/Kg
131-11-3	Dimethylphthalate	94.8	U	94.8	140	180	ug/Kg
208-96-8	Acenaphthylene	94.2	U	94.2	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	95.9	U	95.9	140	180	ug/Kg
99-09-2	3-Nitroaniline	99.5	U	99.5	140	180	ug/Kg
83-32-9	Acenaphthene	85.6	U	85.6	140	180	ug/Kg
Total PAH	Total PAH	1525	U	1525	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	290	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	350	ug/Kg
132-64-9	Dibenzofuran	82	U	82	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	205.9	U	205.9	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	140	180	ug/Kg
84-66-2	Diethylphthalate	91.6	U	91.6	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	96.3	U	96.3	140	180	ug/Kg
86-73-7	Fluorene	90.4	U	90.4	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93.6	U	93.6	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	99.4	U	99.4	140	180	ug/Kg
103-33-3	Azobenzene	78.3	U	78.3	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	140	180	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	140	180	ug/Kg
1912-24-9	Atrazine	100	U	100	140	180	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	290	350	ug/Kg
85-01-8	Phenanthrene	98.8	U	98.8	140	180	ug/Kg
120-12-7	Anthracene	110	U	110	140	180	ug/Kg
86-74-8	Carbazole	90.5	U	90.5	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	140	180	ug/Kg
206-44-0	Fluoranthene	100	U	100	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	DUP-05	SDG No.:	BF081123
Lab Sample ID:	O3971-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134738.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	210	U	210	290	350	ug/Kg
129-00-0	Pyrene	89.2	U	89.2	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	170	U	170	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	89.4	U	89.4	140	180	ug/Kg
218-01-9	Chrysene	92.5	U	92.5	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.6	U	85.6	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	93.9	U	93.9	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	98.6	U	98.6	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	95.3	U	95.3	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	88.4	U	88.4	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	96.1	U	96.1	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	46.614		18-112		31	SPK: -150
13127-88-3	Phenol-d6	60.165		15-107		40	SPK: -150
4165-60-0	Nitrobenzene-d5	53.191		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	51.775		20-109		52	SPK: -100
118-79-6	2,4,6-Tribromophenol	35.574		10-110		24	SPK: -150
1718-51-0	Terphenyl-d14	42.747		14-112		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190576	6.798				
1146-65-2	Naphthalene-d8	738338	8.075				
15067-26-2	Acenaphthene-d10	342381	9.834				
1517-22-2	Phenanthrene-d10	536764	11.322				
1719-03-5	Chrysene-d12	372964	13.969				
1520-96-3	Perylene-d12	320539	15.439				

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	DUP-05	SDG No.:	BF081123
Lab Sample ID:	O3971-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.3
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134738.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	310	A			5.028	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	180	J			7.563	
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	250	J			7.593	
001560-06-1	Benzene, 2-butenyl-	340	J			7.816	
001595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	130	J			7.845	
001758-85-6	Benzene, 2,4-diethyl-1-methyl-	120	J			7.898	
000629-59-4	Tetradecane	500	J			9.239	
031081-17-1	Nonane, 2-methyl-5-propyl-	130	J			9.492	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	300	J			9.557	
000629-93-6	Octadecane, 1-iodo-	140	J			9.581	
000629-78-7	Heptadecane	610	J			9.769	
001560-98-1	Octacosane, 2-methyl-	110	J			10.092	
000544-76-3	Hexadecane	310	J			10.269	
000593-49-7	Heptacosane	160	J			10.745	
000057-10-3	n-Hexadecanoic acid	120	J			11.857	
010192-32-2	1-Tetracosene	170	J			13.827	
000556-71-8	Cyclononasiloxane, octadecamethyl-	120	J			14.457	
000107-52-8	Hexasiloxane, tetradecamethyl-	220	J			14.839	
004342-25-0	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	170	J			15.28	
	unknown	15.792	J			15.792	

Report of Analysis

Client:		Date Collected:	8/10/2023 12:00:00 AM
Project:		Date Received:	8/10/2023 12:00:00 AM
Client Sample ID:	EO-01-081023	SDG No.:	BF081123
Lab Sample ID:	O3974-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134739.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	50.3	U	50.3	180	210	ug/Kg
110-86-1	Pyridine	47.2	U	47.2	84.7	110	ug/Kg
100-52-7	Benzaldehyde	96.4	U	96.4	180	210	ug/Kg
62-53-3	Aniline	76.2	U	76.2	84.7	110	ug/Kg
108-95-2	Phenol	48.5	U	48.5	84.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.5	U	58.5	84.7	110	ug/Kg
95-57-8	2-Chlorophenol	46.9	U	46.9	84.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.2	U	53.2	84.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.6	U	57.6	84.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	53.7	U	53.7	84.7	110	ug/Kg
100-51-6	Benzyl Alcohol	64.3	U	64.3	180	210	ug/Kg
95-48-7	2-Methylphenol	74.2	U	74.2	84.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68.4	U	68.4	84.7	110	ug/Kg
98-86-2	Acetophenone	56.5	U	56.5	84.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	70.3	U	70.3	180	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	38.4	U	38.4	52.1	52.1	ug/Kg
67-72-1	Hexachloroethane	47.9	U	47.9	84.7	110	ug/Kg
98-95-3	Nitrobenzene	49	U	49	84.7	110	ug/Kg
78-59-1	Isophorone	44.4	U	44.4	84.7	110	ug/Kg
88-75-5	2-Nitrophenol	61.9	U	61.9	84.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	64.9	U	64.9	84.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	72.9	U	72.9	84.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.9	U	50.9	84.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	50.5	U	50.5	84.7	110	ug/Kg
65-85-0	Benzoic acid	140	U	140	180	210	ug/Kg
91-20-3	Naphthalene	53	U	53	84.7	110	ug/Kg
106-47-8	4-Chloroaniline	68.4	U	68.4	84.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.7	U	54.7	84.7	110	ug/Kg
105-60-2	Caprolactam	76.2	U	76.2	180	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.7	U	53.7	84.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	61.8	U	61.8	84.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/10/2023 12:00:00 AM
Project:		Date Received:	8/10/2023 12:00:00 AM
Client Sample ID:	EO-01-081023	SDG No.:	BF081123
Lab Sample ID:	O3974-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134739.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.2	U	50.2	84.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57.2	U	57.2	84.7	110	ug/Kg
92-52-4	1,1-Biphenyl	59.5	U	59.5	84.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.1	U	55.1	84.7	110	ug/Kg
88-74-4	2-Nitroaniline	64.7	U	64.7	84.7	110	ug/Kg
131-11-3	Dimethylphthalate	57.9	U	57.9	84.7	110	ug/Kg
208-96-8	Acenaphthylene	72.9	J	57.6	84.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.6	U	58.6	84.7	110	ug/Kg
99-09-2	3-Nitroaniline	60.8	U	60.8	84.7	110	ug/Kg
83-32-9	Acenaphthene	110		52.3	84.7	110	ug/Kg
Total PAH	Total PAH	12322.9		935.8	84.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	210	ug/Kg
100-02-7	4-Nitrophenol	74.2	U	74.2	180	210	ug/Kg
132-64-9	Dibenzofuran	79.1	J	50.1	84.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	23.7	U	123.7	84.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	65.1	U	65.1	84.7	110	ug/Kg
84-66-2	Diethylphthalate	55.9	U	55.9	84.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.9	U	58.9	84.7	110	ug/Kg
86-73-7	Fluorene	190		55.2	84.7	110	ug/Kg
100-01-6	4-Nitroaniline	67.7	U	67.7	84.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	57.2	U	57.2	180	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	60.8	U	60.8	84.7	110	ug/Kg
103-33-3	Azobenzene	47.9	U	47.9	84.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63.4	U	63.4	84.7	110	ug/Kg
118-74-1	Hexachlorobenzene	64.3	U	64.3	84.7	110	ug/Kg
1912-24-9	Atrazine	62.1	U	62.1	84.7	110	ug/Kg
87-86-5	Pentachlorophenol	72.3	U	72.3	180	210	ug/Kg
85-01-8	Phenanthrene	1100		60.4	84.7	110	ug/Kg
120-12-7	Anthracene	390		66.4	84.7	110	ug/Kg
86-74-8	Carbazole	73.5	J	55.3	84.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	67.7	U	67.7	84.7	110	ug/Kg
206-44-0	Fluoranthene	1900	E	61.5	84.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/10/2023 12:00:00 AM
Project:		Date Received:	8/10/2023 12:00:00 AM
Client Sample ID:	EO-01-081023	SDG No.:	BF081123
Lab Sample ID:	O3974-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134739.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	180	210	ug/Kg
129-00-0	Pyrene	1600		54.5	84.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	67.1	U	67.1	84.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	180	210	ug/Kg
56-55-3	Benzo(a)anthracene	1100		54.6	84.7	110	ug/Kg
218-01-9	Chrysene	1000		56.5	84.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	74.9	U	74.9	84.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	80.1	U	80.1	180	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		52.3	84.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	510		57.4	84.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	1200		61.4	84.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	650		69.7	84.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200		62.8	84.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	700		60.2	84.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.2	U	58.2	84.7	110	ug/Kg
123-91-1	1,4-Dioxane	76.2	U	76.2	84.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54	U	54	84.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	58.7	U	58.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	37.019		18-112		25	SPK: -150
13127-88-3	Phenol-d6	34.483		15-107		23	SPK: -150
4165-60-0	Nitrobenzene-d5	29.221		18-107		29	SPK: -100
321-60-8	2-Fluorobiphenyl	34.471		20-109		34	SPK: -100
118-79-6	2,4,6-Tribromophenol	37.497		10-110		25	SPK: -150
1718-51-0	Terphenyl-d14	31.293		14-112		31	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	194885	6.798				
1146-65-2	Naphthalene-d8	721385	8.075				
15067-26-2	Acenaphthene-d10	304030	9.833				
1517-22-2	Phenanthrene-d10	478458	11.322				
1719-03-5	Chrysene-d12	328763	13.98				
1520-96-3	Perylene-d12	258819	15.451				

Report of Analysis

Client:		Date Collected:	8/10/2023 12:00:00 AM
Project:		Date Received:	8/10/2023 12:00:00 AM
Client Sample ID:	EO-01-081023	SDG No.:	BF081123
Lab Sample ID:	O3974-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134739.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000629-59-4	Tetradecane	120	J			9.239	
000629-78-7	Heptadecane	110	J			9.769	
000544-76-3	Hexadecane	170	J			10.269	
017301-23-4	Undecane, 2,6-dimethyl-	110	J			10.492	
000629-50-5	Tridecane	420	J			10.745	
000593-45-3	Octadecane	260	J			11.198	
055045-11-9	Tridecane, 5-propyl-	190	J			11.222	
000629-92-5	Nonadecane	240	J			11.621	
000779-02-2	Anthracene, 9-methyl-	170	J			11.827	
002531-84-2	Phenanthrene, 2-methyl-	490	J			11.857	
000610-48-0	Anthracene, 1-methyl-	120	J			11.904	
000203-64-5	4H-Cyclopenta[def]phenanthrene	420	J			11.939	
000613-12-7	Anthracene, 2-methyl-	130	J			11.957	
000629-94-7	Heneicosane	160	J			12.033	
000612-94-2	Naphthalene, 2-phenyl-	120	J			12.121	
003674-66-6	Phenanthrene, 2,5-dimethyl-	160	J			12.38	
013058-52-1	Methyl 9-cis,11-trans-octadecadien	360	J			12.416	
005737-13-3	Cyclopenta(def)phenanthrenone	140	J			12.463	
000192-97-2	Benzo[e]pyrene	300	J			15.127	
000198-55-0	Perylene	860	J			15.321	

Report of Analysis

Client:		Date Collected:	8/10/2023 12:00:00 AM
Project:		Date Received:	8/10/2023 12:00:00 AM
Client Sample ID:	ETGI-339	SDG No.:	BF081123
Lab Sample ID:	O3961-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134740.D	2	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	360	440	ug/Kg
110-86-1	Pyridine	96.7	U	96.7	170	230	ug/Kg
100-52-7	Benzaldehyde	200	U	200	360	440	ug/Kg
62-53-3	Aniline	160	U	160	170	230	ug/Kg
108-95-2	Phenol	99.4	U	99.4	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	170	230	ug/Kg
95-57-8	2-Chlorophenol	96.2	U	96.2	170	230	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	230	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	170	230	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	230	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	360	440	ug/Kg
95-48-7	2-Methylphenol	150	U	150	170	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	170	230	ug/Kg
98-86-2	Acetophenone	120	U	120	170	230	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	78.8	U	78.8	110	110	ug/Kg
67-72-1	Hexachloroethane	98.3	U	98.3	170	230	ug/Kg
98-95-3	Nitrobenzene	100	U	100	170	230	ug/Kg
78-59-1	Isophorone	91	U	91	170	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	230	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	170	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	150	170	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	230	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	170	230	ug/Kg
65-85-0	Benzoic acid	290	U	290	360	440	ug/Kg
91-20-3	Naphthalene	110	U	110	170	230	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	170	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	230	ug/Kg
105-60-2	Caprolactam	160	U	160	360	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	170	230	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/10/2023 12:00:00 AM
Project:		Date Received:	8/10/2023 12:00:00 AM
Client Sample ID:	ETGI-339	SDG No.:	BF081123
Lab Sample ID:	O3961-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134740.D	2	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	280	U	280	360	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	170	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	170	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	230	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	170	230	ug/Kg
208-96-8	Acenaphthylene	330		120	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	170	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	230	ug/Kg
Total PAH	Total PAH	14980	U	1930	170	3680	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	360	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	440	ug/Kg
132-64-9	Dibenzofuran	100	U	100	170	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	170	230	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	250	U	250	170	460	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	170	230	ug/Kg
86-73-7	Fluorene	120	J	110	170	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	360	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	170	230	ug/Kg
103-33-3	Azobenzene	98.2	U	98.2	170	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	170	230	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	170	230	ug/Kg
1912-24-9	Atrazine	130	U	130	170	230	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	360	440	ug/Kg
85-01-8	Phenanthrene	1300		120	170	230	ug/Kg
120-12-7	Anthracene	260		140	170	230	ug/Kg
86-74-8	Carbazole	110	U	110	170	230	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	170	230	ug/Kg
206-44-0	Fluoranthene	2200		130	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	8/10/2023 12:00:00 AM
Project:		Date Received:	8/10/2023 12:00:00 AM
Client Sample ID:	ETGI-339	SDG No.:	BF081123
Lab Sample ID:	O3961-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134740.D	2	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	260	U	260	360	440	ug/Kg
129-00-0	Pyrene	2300		110	170	230	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	170	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	220	U	220	360	440	ug/Kg
56-55-3	Benzo(a)anthracene	1300		110	170	230	ug/Kg
218-01-9	Chrysene	1300		120	170	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	170	230	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	670		120	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	1400		130	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	810		140	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240		130	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	950		120	170	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	230	ug/Kg
123-91-1	1,4-Dioxane	160	U	160	170	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	170	230	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	230	230	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	86.394		18-112		58	SPK: -150
13127-88-3	Phenol-d6	81.76		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	71.79		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	77.42		20-109		77	SPK: -100
118-79-6	2,4,6-Tribromophenol	93.876		10-110		63	SPK: -150
1718-51-0	Terphenyl-d14	70.526		14-112		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	175478	6.798				
1146-65-2	Naphthalene-d8	627266	8.075				
15067-26-2	Acenaphthene-d10	279144	9.833				
1517-22-2	Phenanthrene-d10	472995	11.322				
1719-03-5	Chrysene-d12	317630	13.974				
1520-96-3	Perylene-d12	246917	15.445				

Report of Analysis

Client:		Date Collected:	8/10/2023 12:00:00 AM
Project:		Date Received:	8/10/2023 12:00:00 AM
Client Sample ID:	ETGI-339	SDG No.:	BF081123
Lab Sample ID:	O3961-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.2
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134740.D	2	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	350	J			9.275	
004505-48-0	1H-Indene, 2-phenyl-	470	J			11.827	
002531-84-2	Phenanthrene, 2-methyl-	710	J			11.857	
000832-69-9	Phenanthrene, 1-methyl-	690	J			11.933	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	350	J			11.963	
000612-94-2	Naphthalene, 2-phenyl-	230	J			12.121	
000084-65-1	9,10-Anthracenedione	280	J			12.145	
003674-66-6	Phenanthrene, 2,5-dimethyl-	610	J			12.38	
001576-67-6	Phenanthrene, 3,6-dimethyl-	360	J			12.416	
005737-13-3	Cyclopenta(def)phenanthrenone	370	J			12.463	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-diyl)bis-	230	J			12.633	
002381-21-7	Pyrene, 1-methyl-	210	J			12.992	
000243-17-4	11H-Benzo[b]fluorene	190	J			13.098	
033543-31-6	Fluoranthene, 2-methyl-	190	J			13.169	
003353-12-6	Pyrene, 4-methyl-	220	J			13.204	
1000272-26-2	Benzenamine, 2-ethyl-N-(4,4-dimeth	200	J			13.716	
002381-31-9	Benz[a]anthracene, 8-methyl-	200	J			14.363	
055282-11-6	Heneicosane, 11-(1-ethylpropyl)-	340	J			14.615	
000192-97-2	Benzo[e]pyrene	320	J			15.121	
000198-55-0	Perylene	1000	J			15.321	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z37-39	SDG No.:	BF081123
Lab Sample ID:	O3958-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134741.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	88.9	U	88.9	310	380	ug/Kg
110-86-1	Pyridine	83.2	U	83.2	150	200	ug/Kg
100-52-7	Benzaldehyde	170	U	170	310	380	ug/Kg
62-53-3	Aniline	130	U	130	150	200	ug/Kg
108-95-2	Phenol	85.5	U	85.5	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	200	ug/Kg
95-57-8	2-Chlorophenol	82.8	U	82.8	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.9	U	93.9	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	94.7	U	94.7	150	200	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	310	380	ug/Kg
95-48-7	2-Methylphenol	130	U	130	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	200	ug/Kg
98-86-2	Acetophenone	99.7	U	99.7	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	67.8	U	67.8	92	92	ug/Kg
67-72-1	Hexachloroethane	84.6	U	84.6	150	200	ug/Kg
98-95-3	Nitrobenzene	86.4	U	86.4	150	200	ug/Kg
78-59-1	Isophorone	78.3	U	78.3	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	89.8	U	89.8	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	89.1	U	89.1	150	200	ug/Kg
65-85-0	Benzoic acid	250	U	250	310	380	ug/Kg
91-20-3	Naphthalene	62400	E	93.6	150	200	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	96.6	U	96.6	150	200	ug/Kg
105-60-2	Caprolactam	130	U	130	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	94.8	U	94.8	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	34700	E	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z37-39	SDG No.:	BF081123
Lab Sample ID:	O3958-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134741.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	240	U	240	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88.6	U	88.6	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	150	200	ug/Kg
92-52-4	1,1-Biphenyl	4100	E	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.3	U	97.3	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	150	200	ug/Kg
208-96-8	Acenaphthylene	1600		100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	9800	E	92.3	150	200	ug/Kg
Total PAH	Total PAH	142310	E	1658.2	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	950		88.4	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	150	200	ug/Kg
84-66-2	Diethylphthalate	98.8	U	98.8	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	6000	E	97.5	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	200	ug/Kg
103-33-3	Azobenzene	84.5	U	84.5	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	200	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	310	380	ug/Kg
85-01-8	Phenanthrene	14000	E	110	150	200	ug/Kg
120-12-7	Anthracene	6000	E	120	150	200	ug/Kg
86-74-8	Carbazole	390		97.6	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	200	ug/Kg
206-44-0	Fluoranthene	6900	E	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z37-39	SDG No.:	BF081123
Lab Sample ID:	O3958-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134741.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	220	U	220	310	380	ug/Kg
129-00-0	Pyrene	9000	E	96.2	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	6400	E	96.5	150	200	ug/Kg
218-01-9	Chrysene	5500	E	99.8	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	4500	E	92.3	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		100	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	4900	E	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		120	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	610		110	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2000		110	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95.3	U	95.3	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	27400	E	100	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	72.941		18-112		49	SPK: -150
13127-88-3	Phenol-d6	71.467		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	140.034	*	18-107		140	SPK: -100
321-60-8	2-Fluorobiphenyl	62.514		20-109		63	SPK: -100
118-79-6	2,4,6-Tribromophenol	67.014		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	56.167		14-112		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	196491	6.804				
1146-65-2	Naphthalene-d8	273208	8.092				
15067-26-2	Acenaphthene-d10	294891	9.845				
1517-22-2	Phenanthrene-d10	418028	11.339				
1719-03-5	Chrysene-d12	284446	13.998				
1520-96-3	Perylene-d12	283464	15.462				

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z37-39	SDG No.:	BF081123
Lab Sample ID:	O3958-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134741.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000611-14-3	Benzene, 1-ethyl-2-methyl-	740	J			6.363	
000526-73-8	Benzene, 1,2,3-trimethyl-	2100	J			6.633	
000622-96-8	Benzene, 1-ethyl-4-methyl-	770	J			6.863	
000496-11-7	Indane	4600	J			7.004	
000105-05-5	Benzene, 1,4-diethyl-	1100	J			7.057	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	1900	J			7.127	
001127-76-0	Naphthalene, 1-ethyl-	2200	J			9.374	
000575-43-9	Naphthalene, 1,6-dimethyl-	2000	J			9.451	
000581-40-8	Naphthalene, 2,3-dimethyl-	2400	J			9.527	
000571-58-4	Naphthalene, 1,4-dimethyl-	1000	J			9.551	
000571-61-9	Naphthalene, 1,5-dimethyl-	1500	J			9.633	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	760	J			10.169	
002131-41-1	Naphthalene, 1,4,5-trimethyl-	450	J			10.192	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	660	J			10.257	
	unknown10.515	880	J			10.515	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	410	J			10.551	
000203-64-5	4H-Cyclopenta[def]phenanthrene	390	J			11.968	
000192-97-2	Benzo[e]pyrene	430	J			15.339	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z46-47	SDG No.:	BF081123
Lab Sample ID:	O3958-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134742.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.4	U	86.4	300	370	ug/Kg
110-86-1	Pyridine	80.9	U	80.9	150	190	ug/Kg
100-52-7	Benzaldehyde	170	U	170	300	370	ug/Kg
62-53-3	Aniline	130	U	130	150	190	ug/Kg
108-95-2	Phenol	83.2	U	83.2	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	190	ug/Kg
95-57-8	2-Chlorophenol	80.5	U	80.5	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	91.3	U	91.3	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	98.9	U	98.9	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	92.1	U	92.1	150	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	300	370	ug/Kg
95-48-7	2-Methylphenol	130	U	130	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	190	ug/Kg
98-86-2	Acetophenone	96.9	U	96.9	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	65.9	U	65.9	89.4	89.4	ug/Kg
67-72-1	Hexachloroethane	82.3	U	82.3	150	190	ug/Kg
98-95-3	Nitrobenzene	84.1	U	84.1	150	190	ug/Kg
78-59-1	Isophorone	76.1	U	76.1	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	87.3	U	87.3	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	86.6	U	86.6	150	190	ug/Kg
65-85-0	Benzoic acid	240	U	240	300	370	ug/Kg
91-20-3	Naphthalene	5200	E	91	150	190	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	93.9	U	93.9	150	190	ug/Kg
105-60-2	Caprolactam	130	U	130	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	92.2	U	92.2	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	2200		110	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z46-47	SDG No.:	BF081123
Lab Sample ID:	O3958-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134742.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	230	U	230	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86.2	U	86.2	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98.2	U	98.2	150	190	ug/Kg
92-52-4	1,1-Biphenyl	970		100	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	94.6	U	94.6	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	99.4	U	99.4	150	190	ug/Kg
208-96-8	Acenaphthylene	640		98.8	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	3300	E	89.8	150	190	ug/Kg
Total PAH	Total PAH	34010	E	1607.1	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	230		86	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	150	190	ug/Kg
84-66-2	Diethylphthalate	96	U	96	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	190	ug/Kg
86-73-7	Fluorene	1800		94.8	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98.1	U	98.1	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	150	190	ug/Kg
103-33-3	Azobenzene	82.2	U	82.2	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	190	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	150	190	ug/Kg
1912-24-9	Atrazine	110	U	110	150	190	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	300	370	ug/Kg
85-01-8	Phenanthrene	5100	E	100	150	190	ug/Kg
120-12-7	Anthracene	2000		110	150	190	ug/Kg
86-74-8	Carbazole	94.9	U	94.9	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	190	ug/Kg
206-44-0	Fluoranthene	2700		110	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z46-47	SDG No.:	BF081123
Lab Sample ID:	O3958-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134742.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	220	U	220	300	370	ug/Kg
129-00-0	Pyrene	3700	E	93.6	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	2200		93.8	150	190	ug/Kg
218-01-9	Chrysene	1900		97	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		89.8	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	470		98.5	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	1900		110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	560		120	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210		110	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	730		100	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99.9	U	99.9	150	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92.7	U	92.7	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	3400	E	100	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	62.009		18-112		41	SPK: -150
13127-88-3	Phenol-d6	59.929		15-107		40	SPK: -150
4165-60-0	Nitrobenzene-d5	50.613		18-107		51	SPK: -100
321-60-8	2-Fluorobiphenyl	49.771		20-109		50	SPK: -100
118-79-6	2,4,6-Tribromophenol	57.873		10-110		39	SPK: -150
1718-51-0	Terphenyl-d14	47.286		14-112		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197188	6.798				
1146-65-2	Naphthalene-d8	742623	8.086				
15067-26-2	Acenaphthene-d10	363479	9.839				
1517-22-2	Phenanthrene-d10	544680	11.327				
1719-03-5	Chrysene-d12	341588	13.98				
1520-96-3	Perylene-d12	302209	15.451				

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z46-47	SDG No.:	BF081123
Lab Sample ID:	O3958-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134742.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000496-11-7	Indane	1600	J			6.981	
000939-27-5	Naphthalene, 2-ethyl-	900	J			9.351	
000575-37-1	Naphthalene, 1,7-dimethyl-	1100	J			9.428	
000581-40-8	Naphthalene, 2,3-dimethyl-	1300	J			9.498	
000575-41-7	Naphthalene, 1,3-dimethyl-	710	J			9.616	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	510	J			10.151	
001730-37-6	9H-Fluorene, 1-methyl-	930	J			10.933	
000233-02-3	Naphtho[2,1-b]thiophene	1200	J			11.222	
000610-48-0	Anthracene, 1-methyl-	1500	J			11.833	
002531-84-2	Phenanthrene, 2-methyl-	1600	J			11.863	
000613-12-7	Anthracene, 2-methyl-	820	J			11.91	
000203-64-5	4H-Cyclopenta[def]phenanthrene	2400	J			11.945	
000832-69-9	Phenanthrene, 1-methyl-	810	J			11.969	
000612-94-2	Naphthalene, 2-phenyl-	650	J			12.127	
000781-43-1	9,10-Dimethylanthracene	1300	J			12.386	
000605-02-7	Naphthalene, 1-phenyl-	960	J			12.422	
003674-66-6	Phenanthrene, 2,5-dimethyl-	580	J			12.469	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-diyl)bis-	1000	J			12.645	
000192-97-2	Benzo[e]pyrene	820	J			15.127	
000198-55-0	Perylene	1100	J			15.321	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z10-12	SDG No.:	BF081123
Lab Sample ID:	O3958-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134743.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	88.9	U	88.9	310	380	ug/Kg
110-86-1	Pyridine	83.3	U	83.3	150	200	ug/Kg
100-52-7	Benzaldehyde	170	U	170	310	380	ug/Kg
62-53-3	Aniline	130	U	130	150	200	ug/Kg
108-95-2	Phenol	85.6	U	85.6	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	200	ug/Kg
95-57-8	2-Chlorophenol	82.8	U	82.8	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	94	U	94	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	94.8	U	94.8	150	200	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	310	380	ug/Kg
95-48-7	2-Methylphenol	130	U	130	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	200	ug/Kg
98-86-2	Acetophenone	99.8	U	99.8	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	67.9	U	67.9	92	92	ug/Kg
67-72-1	Hexachloroethane	84.7	U	84.7	150	200	ug/Kg
98-95-3	Nitrobenzene	86.5	U	86.5	150	200	ug/Kg
78-59-1	Isophorone	78.4	U	78.4	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	89.9	U	89.9	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	89.2	U	89.2	150	200	ug/Kg
65-85-0	Benzoic acid	250	U	250	310	380	ug/Kg
91-20-3	Naphthalene	19600	E	93.7	150	200	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	96.6	U	96.6	150	200	ug/Kg
105-60-2	Caprolactam	130	U	130	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	94.9	U	94.9	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	12200	E	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z10-12	SDG No.:	BF081123
Lab Sample ID:	O3958-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134743.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	240	U	240	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88.7	U	88.7	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	150	200	ug/Kg
92-52-4	1,1-Biphenyl	2100		110	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	97.3	U	97.3	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	150	200	ug/Kg
208-96-8	Acenaphthylene	770		100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	5300	E	92.4	150	200	ug/Kg
Total PAH	Total PAH	60690	E	1658.8	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	470		88.5	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	150	400	ug/Kg
84-66-2	Diethylphthalate	98.8	U	98.8	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	3500	E	97.6	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	200	ug/Kg
103-33-3	Azobenzene	84.6	U	84.6	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	200	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	310	380	ug/Kg
85-01-8	Phenanthrene	7500	E	110	150	200	ug/Kg
120-12-7	Anthracene	3000		120	150	200	ug/Kg
86-74-8	Carbazole	150	J	97.7	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	200	ug/Kg
206-44-0	Fluoranthene	3600	E	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z10-12	SDG No.:	BF081123
Lab Sample ID:	O3958-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134743.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	220	U	220	310	380	ug/Kg
129-00-0	Pyrene	5000	E	96.3	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	2700		96.5	150	200	ug/Kg
218-01-9	Chrysene	2400		99.9	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		92.4	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	670		100	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	2500		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	770		120	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280		110	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		110	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95.4	U	95.4	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	9100	E	100	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.376		18-112		47	SPK: -150
13127-88-3	Phenol-d6	69.254		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	87.008		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	60.353		20-109		60	SPK: -100
118-79-6	2,4,6-Tribromophenol	67.799		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	55.025		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	196074	6.798				
1146-65-2	Naphthalene-d8	478359	8.087				
15067-26-2	Acenaphthene-d10	326036	9.839				
1517-22-2	Phenanthrene-d10	492673	11.333				
1719-03-5	Chrysene-d12	322695	13.98				
1520-96-3	Perylene-d12	281595	15.451				

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z10-12	SDG No.:	BF081123
Lab Sample ID:	O3958-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134743.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000611-14-3	Benzene, 1-ethyl-2-methyl-	570	J			6.357	
000108-67-8	Mesitylene	1300	J			6.628	
000496-11-7	Indane	5000	J			6.987	
000141-93-5	Benzene, 1,3-diethyl-	670	J			7.051	
000527-84-4	o-Cymene	1100	J			7.122	
001127-76-0	Naphthalene, 1-ethyl-	1600	J			9.363	
000575-43-9	Naphthalene, 1,6-dimethyl-	1600	J			9.434	
000581-40-8	Naphthalene, 2,3-dimethyl-	1700	J			9.51	
000582-16-1	Naphthalene, 2,7-dimethyl-	880	J			9.534	
000575-37-1	Naphthalene, 1,7-dimethyl-	960	J			9.622	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	700	J			9.945	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	390	J			10.157	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	360	J			10.245	
000612-75-9	3,3-Dimethylbiphenyl	300	J			10.345	
	unknown10.475	410	J			10.475	
	unknown10.498	440	J			10.498	
000203-64-5	4H-Cyclopenta[def]phenanthrene	310	J			11.951	
000243-17-4	11H-Benzo[b]fluorene	310	J			13.11	
000192-97-2	Benzo[e]pyrene	1300	J			15.327	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z64-65	SDG No.:	BF081123
Lab Sample ID:	O3958-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134744.D	5	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	440	U	440	1500	1900	ug/Kg
110-86-1	Pyridine	410	U	410	740	970	ug/Kg
100-52-7	Benzaldehyde	840	U	840	1500	1900	ug/Kg
62-53-3	Aniline	670	U	670	740	970	ug/Kg
108-95-2	Phenol	420	U	420	740	970	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	510	U	510	740	970	ug/Kg
95-57-8	2-Chlorophenol	410	U	410	740	970	ug/Kg
95-50-1	1,2-Dichlorobenzene	470	U	470	740	970	ug/Kg
541-73-1	1,3-Dichlorobenzene	500	U	500	740	970	ug/Kg
106-46-7	1,4-Dichlorobenzene	470	U	470	740	970	ug/Kg
100-51-6	Benzyl Alcohol	560	U	560	1500	1900	ug/Kg
95-48-7	2-Methylphenol	650	U	650	740	970	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	600	U	600	740	970	ug/Kg
98-86-2	Acetophenone	490	U	490	740	970	ug/Kg
65794-96-9	3+4-Methylphenols	620	U	620	1500	1900	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	340	U	340	460	460	ug/Kg
67-72-1	Hexachloroethane	420	U	420	740	970	ug/Kg
98-95-3	Nitrobenzene	430	U	430	740	970	ug/Kg
78-59-1	Isophorone	390	U	390	740	970	ug/Kg
88-75-5	2-Nitrophenol	540	U	540	740	970	ug/Kg
105-67-9	2,4-Dimethylphenol	570	U	570	740	970	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	640	U	640	740	970	ug/Kg
120-83-2	2,4-Dichlorophenol	450	U	450	740	970	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	440	U	440	740	970	ug/Kg
65-85-0	Benzoic acid	1200	U	1200	1500	1900	ug/Kg
91-20-3	Naphthalene	482700	E	460	740	970	ug/Kg
106-47-8	4-Chloroaniline	600	U	600	740	970	ug/Kg
87-68-3	Hexachlorobutadiene	480	U	480	740	970	ug/Kg
105-60-2	Caprolactam	670	U	670	1500	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	470	U	470	740	970	ug/Kg
91-57-6	2-Methylnaphthalene	291000	E	540	740	970	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z64-65	SDG No.:	BF081123
Lab Sample ID:	O3958-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134744.D	5	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1200	U	1200	1500	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	440	U	440	740	970	ug/Kg
95-95-4	2,4,5-Trichlorophenol	500	U	500	740	970	ug/Kg
92-52-4	1,1-Biphenyl	25100	E	520	740	970	ug/Kg
91-58-7	2-Chloronaphthalene	480	U	480	740	970	ug/Kg
88-74-4	2-Nitroaniline	570	U	570	740	970	ug/Kg
131-11-3	Dimethylphthalate	510	U	510	740	970	ug/Kg
208-96-8	Acenaphthylene	60300	E	500	740	970	ug/Kg
606-20-2	2,6-Dinitrotoluene	510	U	510	740	970	ug/Kg
99-09-2	3-Nitroaniline	530	U	530	740	970	ug/Kg
83-32-9	Acenaphthene	17600	E	460	740	970	ug/Kg
Total PAH	Total PAH	1105900	E	8200	740	15520	ug/Kg
51-28-5	2,4-Dinitrophenol	1000	U	1000	1500	1900	ug/Kg
100-02-7	4-Nitrophenol	650	U	650	1500	1900	ug/Kg
132-64-9	Dibenzofuran	7700		440	740	970	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1080	U	1080	740	1940	ug/Kg
121-14-2	2,4-Dinitrotoluene	570	U	570	740	970	ug/Kg
84-66-2	Diethylphthalate	490	U	490	740	970	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	520	U	520	740	970	ug/Kg
86-73-7	Fluorene	43700	E	480	740	970	ug/Kg
100-01-6	4-Nitroaniline	590	U	590	740	970	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	500	U	500	1500	1900	ug/Kg
86-30-6	n-Nitrosodiphenylamine	530	U	530	740	970	ug/Kg
103-33-3	Azobenzene	420	U	420	740	970	ug/Kg
101-55-3	4-Bromophenyl-phenylether	560	U	560	740	970	ug/Kg
118-74-1	Hexachlorobenzene	560	U	560	740	970	ug/Kg
1912-24-9	Atrazine	540	U	540	740	970	ug/Kg
87-86-5	Pentachlorophenol	630	U	630	1500	1900	ug/Kg
85-01-8	Phenanthrene	128300	E	530	740	970	ug/Kg
120-12-7	Anthracene	49000	E	580	740	970	ug/Kg
86-74-8	Carbazole	3800		480	740	970	ug/Kg
84-74-2	Di-n-butylphthalate	590	U	590	740	970	ug/Kg
206-44-0	Fluoranthene	59600	E	540	740	970	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z64-65	SDG No.:	BF081123
Lab Sample ID:	O3958-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134744.D	5	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1100	U	1100	1500	1900	ug/Kg
129-00-0	Pyrene	76200	E	480	740	970	ug/Kg
85-68-7	Butylbenzylphthalate	590	U	590	740	970	ug/Kg
91-94-1	3,3-Dichlorobenzidine	920	U	920	1500	1900	ug/Kg
56-55-3	Benzo(a)anthracene	46800	E	480	740	970	ug/Kg
218-01-9	Chrysene	39500	E	500	740	970	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	660	U	660	740	970	ug/Kg
117-84-0	Di-n-octyl phthalate	700	U	700	1500	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	27600	E	460	740	970	ug/Kg
207-08-9	Benzo(k)fluoranthene	10300		500	740	970	ug/Kg
50-32-8	Benzo(a)pyrene	33900	E	540	740	970	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	11300		610	740	970	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4200		550	740	970	ug/Kg
191-24-2	Benzo(g,h,i)perylene	14900		530	740	970	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	510	U	510	740	970	ug/Kg
123-91-1	1,4-Dioxane	670	U	670	740	970	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	470	U	470	740	970	ug/Kg
90-12-0	1-Methylnaphthalene	206000	E	510	970	970	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	185.305	*	18-112		124	SPK: -150
13127-88-3	Phenol-d6	204.66	*	15-107		136	SPK: -150
4165-60-0	Nitrobenzene-d5	522.145	*	18-107		522	SPK: -100
321-60-8	2-Fluorobiphenyl	191.715	*	20-109		192	SPK: -100
118-79-6	2,4,6-Tribromophenol	153.185		10-110		102	SPK: -150
1718-51-0	Terphenyl-d14	220.855	*	14-112		221	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163607	6.804				
1146-65-2	Naphthalene-d8	200026	8.098				
15067-26-2	Acenaphthene-d10	268727	9.851				
1517-22-2	Phenanthrene-d10	307732	11.339				
1719-03-5	Chrysene-d12	211402	14.004				
1520-96-3	Perylene-d12	232216	15.463				

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z64-65	SDG No.:	BF081123
Lab Sample ID:	O3958-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.5
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134744.D	5	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000611-14-3	Benzene, 1-ethyl-2-methyl-	3300	J			6.334	
000622-96-8	Benzene, 1-ethyl-4-methyl-	4700	J			6.369	
000100-80-1	Benzene, 1-ethenyl-3-methyl-	15000	J			6.651	
000620-14-4	Benzene, 1-ethyl-3-methyl-	3800	J			6.863	
000095-13-6	Indene	20300	J			7.092	
001005-64-7	(E)-1-Phenyl-1-butene	7000	J			7.422	
000767-59-9	1H-Indene, 1-methyl-	6900	J			7.851	
000622-76-4	Benzene, 1-butyryl-	5300	J			7.892	
000939-27-5	Naphthalene, 2-ethyl-	5100	J			9.369	
000575-43-9	Naphthalene, 1,6-dimethyl-	9200	J			9.457	
000575-37-1	Naphthalene, 1,7-dimethyl-	10300	J			9.533	
000581-42-0	Naphthalene, 2,6-dimethyl-	5300	J			9.563	
000827-54-3	Naphthalene, 2-ethenyl-	5900	J			9.598	
000581-40-8	Naphthalene, 2,3-dimethyl-	7600	J			9.651	
000643-93-6	1,1-Biphenyl, 3-methyl-	5200	J			10.169	
	unknown10.257	3500	J			10.257	
000203-80-5	1H-Phenylene	3400	J			10.316	

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z93-94	SDG No.:	BF081123
Lab Sample ID:	O3958-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134745.D	5	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	440	U	440	1500	1900	ug/Kg
110-86-1	Pyridine	410	U	410	730	960	ug/Kg
100-52-7	Benzaldehyde	830	U	830	1500	1900	ug/Kg
62-53-3	Aniline	660	U	660	730	960	ug/Kg
108-95-2	Phenol	420	U	420	730	960	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	510	U	510	730	960	ug/Kg
95-57-8	2-Chlorophenol	410	U	410	730	960	ug/Kg
95-50-1	1,2-Dichlorobenzene	460	U	460	730	960	ug/Kg
541-73-1	1,3-Dichlorobenzene	500	U	500	730	960	ug/Kg
106-46-7	1,4-Dichlorobenzene	460	U	460	730	960	ug/Kg
100-51-6	Benzyl Alcohol	560	U	560	1500	1900	ug/Kg
95-48-7	2-Methylphenol	640	U	640	730	960	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	590	U	590	730	960	ug/Kg
98-86-2	Acetophenone	490	U	490	730	960	ug/Kg
65794-96-9	3+4-Methylphenols	610	U	610	1500	1900	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	330	U	330	450	450	ug/Kg
67-72-1	Hexachloroethane	410	U	410	730	960	ug/Kg
98-95-3	Nitrobenzene	420	U	420	730	960	ug/Kg
78-59-1	Isophorone	380	U	380	730	960	ug/Kg
88-75-5	2-Nitrophenol	540	U	540	730	960	ug/Kg
105-67-9	2,4-Dimethylphenol	560	U	560	730	960	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	630	U	630	730	960	ug/Kg
120-83-2	2,4-Dichlorophenol	440	U	440	730	960	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	440	U	440	730	960	ug/Kg
65-85-0	Benzoic acid	1200	U	1200	1500	1900	ug/Kg
91-20-3	Naphthalene	206000	E	460	730	960	ug/Kg
106-47-8	4-Chloroaniline	590	U	590	730	960	ug/Kg
87-68-3	Hexachlorobutadiene	470	U	470	730	960	ug/Kg
105-60-2	Caprolactam	660	U	660	1500	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	460	U	460	730	960	ug/Kg
91-57-6	2-Methylnaphthalene	117400	E	530	730	960	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z93-94	SDG No.:	BF081123
Lab Sample ID:	O3958-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134745.D	5	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1200	U	1200	1500	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	430	U	430	730	960	ug/Kg
95-95-4	2,4,5-Trichlorophenol	490	U	490	730	960	ug/Kg
92-52-4	1,1-Biphenyl	14800		510	730	960	ug/Kg
91-58-7	2-Chloronaphthalene	480	U	480	730	960	ug/Kg
88-74-4	2-Nitroaniline	560	U	560	730	960	ug/Kg
131-11-3	Dimethylphthalate	500	U	500	730	960	ug/Kg
208-96-8	Acenaphthylene	34600	E	500	730	960	ug/Kg
606-20-2	2,6-Dinitrotoluene	510	U	510	730	960	ug/Kg
99-09-2	3-Nitroaniline	530	U	530	730	960	ug/Kg
83-32-9	Acenaphthene	9900		450	730	960	ug/Kg
Total PAH	Total PAH	519800		8080	730	15360	ug/Kg
51-28-5	2,4-Dinitrophenol	1000	U	1000	1500	1900	ug/Kg
100-02-7	4-Nitrophenol	640	U	640	1500	1900	ug/Kg
132-64-9	Dibenzofuran	4300		430	730	960	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	1070	U	1070	730	1920	ug/Kg
121-14-2	2,4-Dinitrotoluene	560	U	560	730	960	ug/Kg
84-66-2	Diethylphthalate	480	U	480	730	960	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	510	U	510	730	960	ug/Kg
86-73-7	Fluorene	26600	E	480	730	960	ug/Kg
100-01-6	4-Nitroaniline	590	U	590	730	960	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	490	U	490	1500	1900	ug/Kg
86-30-6	n-Nitrosodiphenylamine	530	U	530	730	960	ug/Kg
103-33-3	Azobenzene	410	U	410	730	960	ug/Kg
101-55-3	4-Bromophenyl-phenylether	550	U	550	730	960	ug/Kg
118-74-1	Hexachlorobenzene	560	U	560	730	960	ug/Kg
1912-24-9	Atrazine	540	U	540	730	960	ug/Kg
87-86-5	Pentachlorophenol	620	U	620	1500	1900	ug/Kg
85-01-8	Phenanthrene	62700	E	520	730	960	ug/Kg
120-12-7	Anthracene	24800	E	570	730	960	ug/Kg
86-74-8	Carbazole	1600		480	730	960	ug/Kg
84-74-2	Di-n-butylphthalate	590	U	590	730	960	ug/Kg
206-44-0	Fluoranthene	29700	E	530	730	960	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z93-94	SDG No.:	BF081123
Lab Sample ID:	O3958-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134745.D	5	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1100	U	1100	1500	1900	ug/Kg
129-00-0	Pyrene	36700	E	470	730	960	ug/Kg
85-68-7	Butylbenzylphthalate	580	U	580	730	960	ug/Kg
91-94-1	3,3-Dichlorobenzidine	910	U	910	1500	1900	ug/Kg
56-55-3	Benzo(a)anthracene	20500	E	470	730	960	ug/Kg
218-01-9	Chrysene	18300	E	490	730	960	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	650	U	650	730	960	ug/Kg
117-84-0	Di-n-octyl phthalate	690	U	690	1500	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	15300	E	450	730	960	ug/Kg
207-08-9	Benzo(k)fluoranthene	3600		500	730	960	ug/Kg
50-32-8	Benzo(a)pyrene	16900	E	530	730	960	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5300		600	730	960	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000		540	730	960	ug/Kg
191-24-2	Benzo(g,h,i)perylene	6900		520	730	960	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	500	U	500	730	960	ug/Kg
123-91-1	1,4-Dioxane	660	U	660	730	960	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	470	U	470	730	960	ug/Kg
90-12-0	1-Methylnaphthalene	88000	E	510	960	960	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	55.115		18-112		37	SPK: -150
13127-88-3	Phenol-d6	57.155		15-107		38	SPK: -150
4165-60-0	Nitrobenzene-d5	106.905		18-107		107	SPK: -100
321-60-8	2-Fluorobiphenyl	56.155		20-109		56	SPK: -100
118-79-6	2,4,6-Tribromophenol	43.005		10-110		29	SPK: -150
1718-51-0	Terphenyl-d14	54.77		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	212276	6.804				
1146-65-2	Naphthalene-d8	352042	8.098				
15067-26-2	Acenaphthene-d10	347866	9.845				
1517-22-2	Phenanthrene-d10	457911	11.339				
1719-03-5	Chrysene-d12	322162	13.992				
1520-96-3	Perylene-d12	290843	15.457				

Report of Analysis

Client:		Date Collected:	8/9/2023 12:00:00 AM
Project:		Date Received:	8/9/2023 12:00:00 AM
Client Sample ID:	NEVINS-SB02-Z93-94	SDG No.:	BF081123
Lab Sample ID:	O3958-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134745.D	5	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000611-14-3	Benzene, 1-ethyl-2-methyl-	3600	J			6.334	
000622-96-8	Benzene, 1-ethyl-4-methyl-	5300	J			6.363	
000100-80-1	Benzene, 1-ethenyl-3-methyl-	17500	J			6.645	
000526-73-8	Benzene, 1,2,3-trimethyl-	3800	J			6.863	
000095-13-6	Indene	23500	J			7.081	
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	2400	J			7.122	
027831-13-6	Benzene, 4-ethenyl-1,2-dimethyl-	7300	J			7.416	
000939-27-5	Naphthalene, 2-ethyl-	4400	J			9.363	
000575-43-9	Naphthalene, 1,6-dimethyl-	8600	J			9.445	
000573-98-8	Naphthalene, 1,2-dimethyl-	9200	J			9.522	
000581-42-0	Naphthalene, 2,6-dimethyl-	5000	J			9.545	
000827-54-3	Naphthalene, 2-ethenyl-	5600	J			9.586	
000581-40-8	Naphthalene, 2,3-dimethyl-	6600	J			9.633	
	unknown10.163	4800	J			10.163	
000643-93-6	1,1-Biphenyl, 3-methyl-	3100	J			10.245	
000203-80-5	1H-Phenylene	2900	J			10.304	
	unknown10.510	2800	J			10.51	

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	B-PP041A	SDG No.:	BF081123
Lab Sample ID:	O3971-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.4
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134746.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	84.2	U	84.2	290	360	ug/Kg
110-86-1	Pyridine	78.9	U	78.9	140	190	ug/Kg
100-52-7	Benzaldehyde	160	U	160	290	360	ug/Kg
62-53-3	Aniline	130	U	130	140	190	ug/Kg
108-95-2	Phenol	81.1	U	81.1	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	97.9	U	97.9	140	190	ug/Kg
95-57-8	2-Chlorophenol	78.5	U	78.5	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	89	U	89	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	96.5	U	96.5	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	89.8	U	89.8	140	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	290	360	ug/Kg
95-48-7	2-Methylphenol	120	U	120	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	140	190	ug/Kg
98-86-2	Acetophenone	94.5	U	94.5	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	64.3	U	64.3	87.2	87.2	ug/Kg
67-72-1	Hexachloroethane	80.2	U	80.2	140	190	ug/Kg
98-95-3	Nitrobenzene	82	U	82	140	190	ug/Kg
78-59-1	Isophorone	74.2	U	74.2	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	85.1	U	85.1	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	84.5	U	84.5	140	190	ug/Kg
65-85-0	Benzoic acid	230	U	230	290	360	ug/Kg
91-20-3	Naphthalene	230		88.7	140	190	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	91.6	U	91.6	140	190	ug/Kg
105-60-2	Caprolactam	130	U	130	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89.9	U	89.9	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	B-PP041A	SDG No.:	BF081123
Lab Sample ID:	O3971-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.4
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134746.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	230	U	230	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84	U	84	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	95.8	U	95.8	140	190	ug/Kg
92-52-4	1,1-Biphenyl	99.5	U	99.5	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.2	U	92.2	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	96.9	U	96.9	140	190	ug/Kg
208-96-8	Acenaphthylene	96.3	U	96.3	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	98.1	U	98.1	140	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	140	190	ug/Kg
83-32-9	Acenaphthene	87.5	U	87.5	140	190	ug/Kg
Total PAH	Total PAH	1565.6	U	1565.6	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	290	360	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	360	ug/Kg
132-64-9	Dibenzofuran	83.8	U	83.8	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	208.1	U	208.1	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	140	190	ug/Kg
84-66-2	Diethylphthalate	93.6	U	93.6	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	98.5	U	98.5	140	190	ug/Kg
86-73-7	Fluorene	92.4	U	92.4	140	190	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	95.7	U	95.7	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	140	190	ug/Kg
103-33-3	Azobenzene	80.1	U	80.1	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	140	190	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	290	360	ug/Kg
85-01-8	Phenanthrene	100	U	100	140	190	ug/Kg
120-12-7	Anthracene	110	U	110	140	190	ug/Kg
86-74-8	Carbazole	92.5	U	92.5	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	140	190	ug/Kg
206-44-0	Fluoranthene	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	B-PP041A	SDG No.:	BF081123
Lab Sample ID:	O3971-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.4
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134746.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	210	U	210	290	360	ug/Kg
129-00-0	Pyrene	91.2	U	91.2	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	91.4	U	91.4	140	190	ug/Kg
218-01-9	Chrysene	94.6	U	94.6	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	87.5	U	87.5	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	96	U	96	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	97.4	U	97.4	140	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	90.4	U	90.4	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	98.3	U	98.3	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	45.189		18-112		30	SPK: -150
13127-88-3	Phenol-d6	60.658		15-107		40	SPK: -150
4165-60-0	Nitrobenzene-d5	55.976		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	61.215		20-109		61	SPK: -100
118-79-6	2,4,6-Tribromophenol	28.163		10-110		19	SPK: -150
1718-51-0	Terphenyl-d14	54.282		14-112		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	210984	6.798				
1146-65-2	Naphthalene-d8	794902	8.08				
15067-26-2	Acenaphthene-d10	340397	9.833				
1517-22-2	Phenanthrene-d10	504127	11.321				
1719-03-5	Chrysene-d12	368314	13.974				
1520-96-3	Perylene-d12	271460	15.445				

Report of Analysis

Client:		Date Collected:	8/8/2023 12:00:00 AM
Project:		Date Received:	8/8/2023 12:00:00 AM
Client Sample ID:	B-PP041A	SDG No.:	BF081123
Lab Sample ID:	O3971-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.4
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF134746.D	1	8/11/2023 12:00:00 AM	8/11/2023 12:00:00 AM	PB154767

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	420	A			5.034	
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	170	J			7.569	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	230	J			7.592	
000767-58-8	Indan, 1-methyl-	120	J			7.751	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	320	J			7.816	
001595-16-0	Benzene, 1-methyl-4-(1-methylpropyl)-	120	J			7.845	
002142-71-4	1-(2,3-Dimethylphenyl)ethanone	110	J			7.898	
000629-59-4	Tetradecane	580	J			9.239	
1010309-19-2	Sulfurous acid, 2-ethylhexyl nonyl	150	J			9.492	
003891-99-4	2,6,10-Trimethyltridecane	330	J			9.563	
006418-41-3	Tridecane, 3-methyl-	150	J			9.58	
017312-57-1	Dodecane, 3-methyl-	100	J			9.622	
000629-78-7	Heptadecane	700	J			9.769	
013287-23-5	Heptadecane, 8-methyl-	120	J			9.998	
000646-31-1	Tetracosane	140	J			10.092	
000629-92-5	Nonadecane	410	J			10.269	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	130	J			10.492	
000629-50-5	Tridecane	280	J			10.745	
001599-67-3	1-Docosene	240	J			13.827	
007225-64-1	Heptadecane, 9-octyl-	140	J			14.762	

Hit Summary Sheet

SW-846

SDG No.: BF081123

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : OK-1-080923								
O3952-01	OK-1-080923	Solid	8,9-Dihydrocyclopenta[def]phena *	380.000	J			
O3952-01	OK-1-080923	Solid	Benzo[e]pyrene *	660.000	J			
O3952-01	OK-1-080923	Solid	Phenanthrene, 2-methyl- *	410.000	J			
Total Tics :				1,450.00				
O3952-01	OK-1-080923	Solid	Benzo(a)anthracene	840.000		270	540	ug/Kg
O3952-01	OK-1-080923	Solid	Benzo(a)pyrene	800.000		300	540	ug/Kg
O3952-01	OK-1-080923	Solid	Benzo(b)fluoranthene	1,100.000		260	540	ug/Kg
O3952-01	OK-1-080923	Solid	Benzo(g,h,i)perylene	410.000	J	290	540	ug/Kg
O3952-01	OK-1-080923	Solid	Benzo(k)fluoranthene	370.000	J	280	540	ug/Kg
O3952-01	OK-1-080923	Solid	Chrysene	730.000		280	540	ug/Kg
O3952-01	OK-1-080923	Solid	Fluoranthene	1,600.000		300	540	ug/Kg
O3952-01	OK-1-080923	Solid	Indeno(1,2,3-cd)pyrene	360.000	J	340	540	ug/Kg
O3952-01	OK-1-080923	Solid	Phenanthrene	830.000		300	540	ug/Kg
O3952-01	OK-1-080923	Solid	Pyrene	1,300.000		270	540	ug/Kg
Total Svoc :				8,340.00				
Total Concentration:				9,790.00				
Client ID : WC-16								
O3954-04	WC-16	Solid	Cyclononasiloxane, octadecameth *	54.100	J			
O3954-04	WC-16	Solid	Hexasiloxane, tetradecamethyl- *	47.300	J			
O3954-04	WC-16	Solid	n-Hexadecanoic acid *	76.100	J			
O3954-04	WC-16	Solid	Pentadecafluorooctanoic acid, oct: *	61.300	J			
Total Tics :				238.80				
Total Concentration:				238.80				
Client ID : WC-19								
O3954-13	WC-19	Solid	[1,1-Biphenyl]-4-carboxaldehyde *	1,900.000	J			
O3954-13	WC-19	Solid	1,1-Biphenyl, 2-methyl- *	960.000	J			
O3954-13	WC-19	Solid	11H-Benzo[b]fluorene *	1,200.000	J			
O3954-13	WC-19	Solid	4H-Cyclopenta[def]phenanthrene *	1,300.000	J			
O3954-13	WC-19	Solid	9(10H)-anthracenone, 1,4-dimethc *	2,800.000	J			
O3954-13	WC-19	Solid	Benzene, [1-(2,4-cyclopentadien-1] *	1,100.000	J			
O3954-13	WC-19	Solid	Benzo[b]triphenylene *	2,200.000	J			
O3954-13	WC-19	Solid	Benzo[e]pyrene *	3,500.000	J			
O3954-13	WC-19	Solid	Dibenzo[def,mno]chrysene *	2,000.000	J			
O3954-13	WC-19	Solid	Diphenylmethane *	1,400.000	J			
O3954-13	WC-19	Solid	Fluoranthene, 2-methyl- *	880.000	J			
O3954-13	WC-19	Solid	Naphthalene, 1,6-dimethyl- *	1,400.000	J			
O3954-13	WC-19	Solid	Naphthalene, 1,7-dimethyl- *	1,300.000	J			
O3954-13	WC-19	Solid	Naphthalene, 1-ethyl- *	1,000.000	J			

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3954-13	WC-19	Solid	Naphthalene, 2,3-dimethyl-	*	2,500.000	J		
O3954-13	WC-19	Solid	Naphthalene, 2,6-dimethyl-	*	2,100.000	J		
O3954-13	WC-19	Solid	Perylene	*	12,900.000	J		
O3954-13	WC-19	Solid	Phenanthrene, 2-methyl-	*	880.000	J		
O3954-13	WC-19	Solid	Picene	*	1,700.000	J		
O3954-13	WC-19	Solid	Pyrene, 1-methyl-	*	1,000.000	J		
Total Tics :				44,020.00				
O3954-13	WC-19	Solid	1,1-Biphenyl	1,700.000		630	1200	ug/Kg
O3954-13	WC-19	Solid	1-Methylnaphthalene	3,900.000		620	1200	ug/Kg
O3954-13	WC-19	Solid	2-Methylnaphthalene	5,400.000		650	1200	ug/Kg
O3954-13	WC-19	Solid	Acenaphthene	8,500.000		550	1200	ug/Kg
O3954-13	WC-19	Solid	Acenaphthylene	890.000	J	610	1200	ug/Kg
O3954-13	WC-19	Solid	Anthracene	14,000.000		700	1200	ug/Kg
O3954-13	WC-19	Solid	Benzo(a)anthracene	22,100.000	E	580	1200	ug/Kg
O3954-13	WC-19	Solid	Benzo(a)pyrene	18,800.000	E	650	1200	ug/Kg
O3954-13	WC-19	Solid	Benzo(b)fluoranthene	23,900.000	E	550	1200	ug/Kg
O3954-13	WC-19	Solid	Benzo(g,h,i)perylene	10,900.000		640	1200	ug/Kg
O3954-13	WC-19	Solid	Benzo(k)fluoranthene	8,900.000		610	1200	ug/Kg
O3954-13	WC-19	Solid	Carbazole	7,100.000		590	1200	ug/Kg
O3954-13	WC-19	Solid	Chrysene	21,000.000	E	600	1200	ug/Kg
O3954-13	WC-19	Solid	Dibenzo(a,h)anthracene	2,800.000		670	1200	ug/Kg
O3954-13	WC-19	Solid	Dibenzofuran	7,400.000		530	1200	ug/Kg
O3954-13	WC-19	Solid	Fluoranthene	39,900.000	E	650	1200	ug/Kg
O3954-13	WC-19	Solid	Fluorene	10,600.000		580	1200	ug/Kg
O3954-13	WC-19	Solid	Indeno(1,2,3-cd)pyrene	9,600.000		740	1200	ug/Kg
O3954-13	WC-19	Solid	Naphthalene	13,300.000		560	1200	ug/Kg
O3954-13	WC-19	Solid	Phenanthrene	43,400.000	E	640	1200	ug/Kg
O3954-13	WC-19	Solid	Pyrene	36,600.000	E	580	1200	ug/Kg
O3954-13	WC-19	Solid	Total PAH	285,190.000		9910	19200	ug/Kg
Total Svoc :				595,880.00				
Total Concentration:				639,900.00				
Client ID : WC-19DL								
O3954-13DL	WC-19DL	Solid	1-Methylnaphthalene	4,000.000	JD	3100	5900	ug/Kg
O3954-13DL	WC-19DL	Solid	2-Methylnaphthalene	5,600.000	JD	3300	5900	ug/Kg
O3954-13DL	WC-19DL	Solid	Acenaphthene	9,300.000	D	2800	5900	ug/Kg
O3954-13DL	WC-19DL	Solid	Anthracene	17,400.000	D	3500	5900	ug/Kg
O3954-13DL	WC-19DL	Solid	Benzo(a)anthracene	22,700.000	D	2900	5900	ug/Kg
O3954-13DL	WC-19DL	Solid	Benzo(a)pyrene	19,400.000	D	3300	5900	ug/Kg
O3954-13DL	WC-19DL	Solid	Benzo(b)fluoranthene	26,700.000	D	2800	5900	ug/Kg
O3954-13DL	WC-19DL	Solid	Benzo(g,h,i)perylene	10,600.000	D	3200	5900	ug/Kg
O3954-13DL	WC-19DL	Solid	Benzo(k)fluoranthene	8,200.000	D	3000	5900	ug/Kg
O3954-13DL	WC-19DL	Solid	Carbazole	7,600.000	D	2900	5900	ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3954-13DL	WC-19DL	Solid	Chrysene	21,800.000	D	3000	5900	ug/Kg
O3954-13DL	WC-19DL	Solid	Dibenzofuran	7,800.000	D	2700	5900	ug/Kg
O3954-13DL	WC-19DL	Solid	Fluoranthene	62,900.000	D	3300	5900	ug/Kg
O3954-13DL	WC-19DL	Solid	Fluorene	11,600.000	D	2900	5900	ug/Kg
O3954-13DL	WC-19DL	Solid	Indeno(1,2,3-cd)pyrene	9,200.000	D	3700	5900	ug/Kg
O3954-13DL	WC-19DL	Solid	Naphthalene	16,200.000	D	2800	5900	ug/Kg
O3954-13DL	WC-19DL	Solid	Phenanthrene	73,000.000	D	3200	5900	ug/Kg
O3954-13DL	WC-19DL	Solid	Pyrene	45,300.000	D	2900	5900	ug/Kg
O3954-13DL	WC-19DL	Solid	Total PAH	354,300.000	D	49600	94400	ug/Kg
Total Svoc :				733,600.00				
Total Concentration:				733,600.00				
Client ID : WC-20								
O3954-16	WC-20	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c *	58.200	J			
O3954-16	WC-20	Solid	Cyclopentadecane	*	110.000	J		
O3954-16	WC-20	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	50.000	J		
O3954-16	WC-20	Solid	n-Hexadecanoic acid	*	180.000	J		
O3954-16	WC-20	Solid	Nonadecane	*	49.500	J		
O3954-16	WC-20	Solid	Octadecanoic acid	*	62.500	J		
O3954-16	WC-20	Solid	Squalene	*	48.700	J		
Total Tics :				558.90				
O3954-16	WC-20	Solid	Benzo(b)fluoranthene	57.500	J	52.1	110	ug/Kg
Total Svoc :				57.50				
Total Concentration:				616.40				
Client ID : WC-22								
O3955-01	WC-22	Solid	1-Docosene	*	120.000	J		
O3955-01	WC-22	Solid	4H-Cyclopenta[def]phenanthrene	*	50.800	J		
O3955-01	WC-22	Solid	Benzo[e]pyrene	*	90.800	J		
O3955-01	WC-22	Solid	n-Hexadecanoic acid	*	120.000	J		
Total Tics :				381.60				
O3955-01	WC-22	Solid	Benzo(a)anthracene	93.800	J	57.3	120	ug/Kg
O3955-01	WC-22	Solid	Benzo(a)pyrene	85.300	J	64.4	120	ug/Kg
O3955-01	WC-22	Solid	Benzo(b)fluoranthene	120.000		54.8	120	ug/Kg
O3955-01	WC-22	Solid	Chrysene	87.100	J	59.3	120	ug/Kg
O3955-01	WC-22	Solid	Fluoranthene	230.000		64.5	120	ug/Kg
O3955-01	WC-22	Solid	Phenanthrene	260.000		63.3	120	ug/Kg
O3955-01	WC-22	Solid	Pyrene	180.000		57.2	120	ug/Kg
Total Svoc :				1,056.20				
Total Concentration:				1,437.80				
Client ID : WC-27								
O3955-16	WC-27	Solid	9-Octadecenamide	*	61.500	J		
O3955-16	WC-27	Solid	n-Hexadecanoic acid	*	61.300	J		

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3955-16	WC-27	Solid	Pentadecafluorooctanoic acid, oct: *	58.100	J			
Total Tics :						180.90		
Total Concentration:						180.90		
Client ID : NEVINS-SB02-Z93-94								
O3958-02	NEVINS-SB02-Z93-94	Solid	1,1-Biphenyl, 3-methyl-	*	3,100.000	J		
O3958-02	NEVINS-SB02-Z93-94	Solid	1H-Phenylene	*	2,900.000	J		
O3958-02	NEVINS-SB02-Z93-94	Solid	Benzene, 1,2,3-trimethyl-	*	3,800.000	J		
O3958-02	NEVINS-SB02-Z93-94	Solid	Benzene, 1-ethenyl-3-methyl-	*	17,500.000	J		
O3958-02	NEVINS-SB02-Z93-94	Solid	Benzene, 1-ethyl-2-methyl-	*	3,600.000	J		
O3958-02	NEVINS-SB02-Z93-94	Solid	Benzene, 1-ethyl-3,5-dimethyl-	*	2,400.000	J		
O3958-02	NEVINS-SB02-Z93-94	Solid	Benzene, 1-ethyl-4-methyl-	*	5,300.000	J		
O3958-02	NEVINS-SB02-Z93-94	Solid	Benzene, 4-ethenyl-1,2-dimethyl-	*	7,300.000	J		
O3958-02	NEVINS-SB02-Z93-94	Solid	Indene	*	23,500.000	J		
O3958-02	NEVINS-SB02-Z93-94	Solid	Naphthalene, 1,2-dimethyl-	*	9,200.000	J		
O3958-02	NEVINS-SB02-Z93-94	Solid	Naphthalene, 1,6-dimethyl-	*	8,600.000	J		
O3958-02	NEVINS-SB02-Z93-94	Solid	Naphthalene, 2,3-dimethyl-	*	6,600.000	J		
O3958-02	NEVINS-SB02-Z93-94	Solid	Naphthalene, 2,6-dimethyl-	*	5,000.000	J		
O3958-02	NEVINS-SB02-Z93-94	Solid	Naphthalene, 2-ethenyl-	*	5,600.000	J		
O3958-02	NEVINS-SB02-Z93-94	Solid	Naphthalene, 2-ethyl-	*	4,400.000	J		
O3958-02	NEVINS-SB02-Z93-94	Solid	unknown10.163	*	4,800.000	J		
O3958-02	NEVINS-SB02-Z93-94	Solid	unknown10.510	*	2,800.000	J		
Total Tics :						116,400.00		
O3958-02	NEVINS-SB02-Z93-94	Solid	1,1-Biphenyl		14,800.000	510	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	1-Methylnaphthalene		88,000.000	E 510	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	2-Methylnaphthalene		117,400.000	E 530	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	Acenaphthene		9,900.000	450	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	Acenaphthylene		34,600.000	E 500	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	Anthracene		24,800.000	E 570	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	Benzo(a)anthracene		20,500.000	E 470	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	Benzo(a)pyrene		16,900.000	E 530	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	Benzo(b)fluoranthene		15,300.000	E 450	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	Benzo(g,h,i)perylene		6,900.000	520	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	Benzo(k)fluoranthene		3,600.000	500	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	Carbazole		1,600.000	480	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	Chrysene		18,300.000	E 490	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	Dibenzo(a,h)anthracene		2,000.000	540	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	Dibenzofuran		4,300.000	430	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	Fluoranthene		29,700.000	E 530	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	Fluorene		26,600.000	E 480	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	Indeno(1,2,3-cd)pyrene		5,300.000	600	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	Naphthalene		206,000.000	E 460	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	Phenanthrene		62,700.000	E 520	960	ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3958-02	NEVINS-SB02-Z93-94	Solid	Pyrene	36,700.000	E	470	960	ug/Kg
O3958-02	NEVINS-SB02-Z93-94	Solid	Total PAH	519,800.000		8080	15360	ug/Kg
Total Svoc :				1,265,700.00				
Total Concentration:				1,382,100.00				
Client ID : NEVINS-SB02-Z64-65								
O3958-03	NEVINS-SB02-Z64-65	Solid	(E)-1-Phenyl-1-butene	*	7,000.000	J		
O3958-03	NEVINS-SB02-Z64-65	Solid	1,1-Biphenyl, 3-methyl-	*	5,200.000	J		
O3958-03	NEVINS-SB02-Z64-65	Solid	1H-Indene, 1-methyl-	*	6,900.000	J		
O3958-03	NEVINS-SB02-Z64-65	Solid	1H-Phenalene	*	3,400.000	J		
O3958-03	NEVINS-SB02-Z64-65	Solid	Benzene, 1-butynyl-	*	5,300.000	J		
O3958-03	NEVINS-SB02-Z64-65	Solid	Benzene, 1-ethenyl-3-methyl-	*	15,000.000	J		
O3958-03	NEVINS-SB02-Z64-65	Solid	Benzene, 1-ethyl-2-methyl-	*	3,300.000	J		
O3958-03	NEVINS-SB02-Z64-65	Solid	Benzene, 1-ethyl-3-methyl-	*	3,800.000	J		
O3958-03	NEVINS-SB02-Z64-65	Solid	Benzene, 1-ethyl-4-methyl-	*	4,700.000	J		
O3958-03	NEVINS-SB02-Z64-65	Solid	Indene	*	20,300.000	J		
O3958-03	NEVINS-SB02-Z64-65	Solid	Naphthalene, 1,6-dimethyl-	*	9,200.000	J		
O3958-03	NEVINS-SB02-Z64-65	Solid	Naphthalene, 1,7-dimethyl-	*	10,300.000	J		
O3958-03	NEVINS-SB02-Z64-65	Solid	Naphthalene, 2,3-dimethyl-	*	7,600.000	J		
O3958-03	NEVINS-SB02-Z64-65	Solid	Naphthalene, 2,6-dimethyl-	*	5,300.000	J		
O3958-03	NEVINS-SB02-Z64-65	Solid	Naphthalene, 2-ethenyl-	*	5,900.000	J		
O3958-03	NEVINS-SB02-Z64-65	Solid	Naphthalene, 2-ethyl-	*	5,100.000	J		
O3958-03	NEVINS-SB02-Z64-65	Solid	unknown10.257	*	3,500.000	J		
Total Tics :				121,800.00				
O3958-03	NEVINS-SB02-Z64-65	Solid	1,1-Biphenyl		25,100.000	E	520	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	1-Methylnaphthalene		206,000.000	E	510	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	2-Methylnaphthalene		291,000.000	E	540	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	Acenaphthene		17,600.000	E	460	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	Acenaphthylene		60,300.000	E	500	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	Anthracene		49,000.000	E	580	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	Benzo(a)anthracene		46,800.000	E	480	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	Benzo(a)pyrene		33,900.000	E	540	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	Benzo(b)fluoranthene		27,600.000	E	460	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	Benzo(g,h,i)perylene		14,900.000		530	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	Benzo(k)fluoranthene		10,300.000		500	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	Carbazole		3,800.000		480	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	Chrysene		39,500.000	E	500	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	Dibenzo(a,h)anthracene		4,200.000		550	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	Dibenzofuran		7,700.000		440	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	Fluoranthene		59,600.000	E	540	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	Fluorene		43,700.000	E	480	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	Indeno(1,2,3-cd)pyrene		11,300.000		610	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	Naphthalene		482,700.000	E	460	ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3958-03	NEVINS-SB02-Z64-65	Solid	Phenanthrene	128,300.000	E	530	970	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	Pyrene	76,200.000	E	480	970	ug/Kg
O3958-03	NEVINS-SB02-Z64-65	Solid	Total PAH	1,105,900.000	E	8200	15520	ug/Kg
Total Svoc :				2,745,400.00				
Total Concentration:				2,867,200.00				
Client ID : NEVINS-SB02-Z46-47								
O3958-04	NEVINS-SB02-Z46-47	Solid	4H-Cyclopenta[def]phenanthrene	*	2,400.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	9,10-Dimethylanthracene	*	1,300.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	9H-Fluorene, 1-methyl-	*	930.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	Anthracene, 1-methyl-	*	1,500.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	Anthracene, 2-methyl-	*	820.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d	*	1,000.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	Benzo[e]pyrene	*	820.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	Indane	*	1,600.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	Naphthalene, 1,3-dimethyl-	*	710.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	Naphthalene, 1,6,7-trimethyl-	*	510.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	Naphthalene, 1,7-dimethyl-	*	1,100.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	Naphthalene, 1-phenyl-	*	960.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	Naphthalene, 2,3-dimethyl-	*	1,300.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	Naphthalene, 2-ethyl-	*	900.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	Naphthalene, 2-phenyl-	*	650.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	Naphtho[2,1-b]thiophene	*	1,200.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	Perylene	*	1,100.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	Phenanthrene, 1-methyl-	*	810.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	Phenanthrene, 2,5-dimethyl-	*	580.000	J		
O3958-04	NEVINS-SB02-Z46-47	Solid	Phenanthrene, 2-methyl-	*	1,600.000	J		
Total Tics :				21,790.00				
O3958-04	NEVINS-SB02-Z46-47	Solid	1,1-Biphenyl		970.000		190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	1-Methylnaphthalene		3,400.000	E	190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	2-Methylnaphthalene		2,200.000		190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	Acenaphthene		3,300.000	E	190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	Acenaphthylene		640.000		190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	Anthracene		2,000.000		190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	Benzo(a)anthracene		2,200.000		190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	Benzo(a)pyrene		1,900.000		190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	Benzo(b)fluoranthene		1,600.000		190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	Benzo(g,h,i)perylene		730.000		190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	Benzo(k)fluoranthene		470.000		190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	Chrysene		1,900.000		190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	Dibenzo(a,h)anthracene		210.000		190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	Dibenzofuran		230.000		190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	Fluoranthene		2,700.000		190	ug/Kg

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SDG No.: BF081123

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3958-04	NEVINS-SB02-Z46-47	Solid	Fluorene	1,800.000		94.8	190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	Indeno(1,2,3-cd)pyrene	560.000		120	190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	Naphthalene	5,200.000	E	91	190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	Phenanthrene	5,100.000	E	100	190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	Pyrene	3,700.000	E	93.6	190	ug/Kg
O3958-04	NEVINS-SB02-Z46-47	Solid	Total PAH	34,010.000	E	1607.1	3040	ug/Kg
Total Svoc :				74,820.00				
Total Concentration:				96,610.00				
Client ID :	NEVINS-SB02-Z37-39							
O3958-05	NEVINS-SB02-Z37-39	Solid	[1,1-Biphenyl]-4-carboxaldehyde *	410.000	J			
O3958-05	NEVINS-SB02-Z37-39	Solid	4H-Cyclopenta[def]phenanthrene *	390.000	J			
O3958-05	NEVINS-SB02-Z37-39	Solid	Benzene, 1,2,3-trimethyl-	2,100.000	J			
O3958-05	NEVINS-SB02-Z37-39	Solid	Benzene, 1,4-diethyl-	1,100.000	J			
O3958-05	NEVINS-SB02-Z37-39	Solid	Benzene, 1-ethyl-2-methyl-	740.000	J			
O3958-05	NEVINS-SB02-Z37-39	Solid	Benzene, 1-ethyl-4-methyl-	770.000	J			
O3958-05	NEVINS-SB02-Z37-39	Solid	Benzene, 2-ethyl-1,4-dimethyl-	1,900.000	J			
O3958-05	NEVINS-SB02-Z37-39	Solid	Benzo[e]pyrene	430.000	J			
O3958-05	NEVINS-SB02-Z37-39	Solid	Indane	4,600.000	J			
O3958-05	NEVINS-SB02-Z37-39	Solid	Naphthalene, 1,4,5-trimethyl-	450.000	J			
O3958-05	NEVINS-SB02-Z37-39	Solid	Naphthalene, 1,4-dimethyl-	1,000.000	J			
O3958-05	NEVINS-SB02-Z37-39	Solid	Naphthalene, 1,5-dimethyl-	1,500.000	J			
O3958-05	NEVINS-SB02-Z37-39	Solid	Naphthalene, 1,6,7-trimethyl-	660.000	J			
O3958-05	NEVINS-SB02-Z37-39	Solid	Naphthalene, 1,6-dimethyl-	2,000.000	J			
O3958-05	NEVINS-SB02-Z37-39	Solid	Naphthalene, 1-ethyl-	2,200.000	J			
O3958-05	NEVINS-SB02-Z37-39	Solid	Naphthalene, 2,3,6-trimethyl-	760.000	J			
O3958-05	NEVINS-SB02-Z37-39	Solid	Naphthalene, 2,3-dimethyl-	2,400.000	J			
O3958-05	NEVINS-SB02-Z37-39	Solid	unknown10.515	880.000	J			
Total Tics :				24,290.00				
O3958-05	NEVINS-SB02-Z37-39	Solid	1,1-Biphenyl	4,100.000	E	100	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	1-Methylnaphthalene	27,400.000	E	100	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	2-Methylnaphthalene	34,700.000	E	110	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	Acenaphthene	9,800.000	E	92.3	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	Acenaphthylene	1,600.000		100	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	Anthracene	6,000.000	E	120	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	Benzo(a)anthracene	6,400.000	E	96.5	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	Benzo(a)pyrene	4,900.000	E	110	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	Benzo(b)fluoranthene	4,500.000	E	92.3	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	Benzo(g,h,i)perylene	2,000.000		110	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	Benzo(k)fluoranthene	1,200.000		100	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	Carbazole	390.000		97.6	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	Chrysene	5,500.000	E	99.8	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	Dibenzo(a,h)anthracene	610.000		110	200	ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3958-05	NEVINS-SB02-Z37-39	Solid	Dibenzofuran	950.000		88.4	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	Fluoranthene	6,900.000	E	110	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	Fluorene	6,000.000	E	97.5	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	Indeno(1,2,3-cd)pyrene	1,500.000		120	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	Naphthalene	62,400.000	E	93.6	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	Phenanthrene	14,000.000	E	110	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	Pyrene	9,000.000	E	96.2	200	ug/Kg
O3958-05	NEVINS-SB02-Z37-39	Solid	Total PAH	142,310.000	E	1658.2	3200	ug/Kg
Total Svoc :				352,160.00				
Total Concentration:				376,450.00				
Client ID : NEVINS-SB02-Z10-12								
O3958-07	NEVINS-SB02-Z10-12	Solid	11H-Benzo[b]fluorene	*	310.000	J		
O3958-07	NEVINS-SB02-Z10-12	Solid	3,3-Dimethylbiphenyl	*	300.000	J		
O3958-07	NEVINS-SB02-Z10-12	Solid	4H-Cyclopenta[def]phenanthrene	*	310.000	J		
O3958-07	NEVINS-SB02-Z10-12	Solid	Benzene, 1,3-diethyl-	*	670.000	J		
O3958-07	NEVINS-SB02-Z10-12	Solid	Benzene, 1-ethyl-2-methyl-	*	570.000	J		
O3958-07	NEVINS-SB02-Z10-12	Solid	Benzo[e]pyrene	*	1,300.000	J		
O3958-07	NEVINS-SB02-Z10-12	Solid	Indane	*	5,000.000	J		
O3958-07	NEVINS-SB02-Z10-12	Solid	Mesitylene	*	1,300.000	J		
O3958-07	NEVINS-SB02-Z10-12	Solid	Naphthalene, 1,4,6-trimethyl-	*	700.000	J		
O3958-07	NEVINS-SB02-Z10-12	Solid	Naphthalene, 1,6,7-trimethyl-	*	390.000	J		
O3958-07	NEVINS-SB02-Z10-12	Solid	Naphthalene, 1,6-dimethyl-	*	1,600.000	J		
O3958-07	NEVINS-SB02-Z10-12	Solid	Naphthalene, 1,7-dimethyl-	*	960.000	J		
O3958-07	NEVINS-SB02-Z10-12	Solid	Naphthalene, 1-ethyl-	*	1,600.000	J		
O3958-07	NEVINS-SB02-Z10-12	Solid	Naphthalene, 2,3,6-trimethyl-	*	360.000	J		
O3958-07	NEVINS-SB02-Z10-12	Solid	Naphthalene, 2,3-dimethyl-	*	1,700.000	J		
O3958-07	NEVINS-SB02-Z10-12	Solid	Naphthalene, 2,7-dimethyl-	*	880.000	J		
O3958-07	NEVINS-SB02-Z10-12	Solid	o-Cymene	*	1,100.000	J		
O3958-07	NEVINS-SB02-Z10-12	Solid	unknown10.475	*	410.000	J		
O3958-07	NEVINS-SB02-Z10-12	Solid	unknown10.498	*	440.000	J		
Total Tics :				19,900.00				
O3958-07	NEVINS-SB02-Z10-12	Solid	1,1-Biphenyl		2,100.000	110	200	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	1-Methylnaphthalene		9,100.000	E	100	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	2-Methylnaphthalene		12,200.000	E	110	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	Acenaphthene		5,300.000	E	92.4	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	Acenaphthylene		770.000	100	200	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	Anthracene		3,000.000	120	200	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	Benzo(a)anthracene		2,700.000	96.5	200	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	Benzo(a)pyrene		2,500.000	110	200	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	Benzo(b)fluoranthene		2,100.000	92.4	200	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	Benzo(g,h,i)perylene		1,000.000	110	200	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	Benzo(k)fluoranthene		670.000	100	200	ug/Kg

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SDG No.: BF081123

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3958-07	NEVINS-SB02-Z10-12	Solid	Carbazole	150.000	J	97.7	200	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	Chrysene	2,400.000		99.9	200	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	Dibenzo(a,h)anthracene	280.000		110	200	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	Dibenzofuran	470.000		88.5	200	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	Fluoranthene	3,600.000	E	110	200	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	Fluorene	3,500.000	E	97.6	200	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	Indeno(1,2,3-cd)pyrene	770.000		120	200	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	Naphthalene	19,600.000	E	93.7	200	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	Phenanthrene	7,500.000	E	110	200	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	Pyrene	5,000.000	E	96.3	200	ug/Kg
O3958-07	NEVINS-SB02-Z10-12	Solid	Total PAH	60,690.000	E	1658.8	3200	ug/Kg
Total Svoc :				145,400.00				
Total Concentration:				165,300.00				
Client ID : ETGI-339								
O3961-01	ETGI-339	Solid	11H-Benzo[b]fluorene	*	190.000	J		
O3961-01	ETGI-339	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	350.000	J		
O3961-01	ETGI-339	Solid	1H-Indene, 2-phenyl-	*	470.000	J		
O3961-01	ETGI-339	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	350.000	J		
O3961-01	ETGI-339	Solid	9,10-Anthracenedione	*	280.000	J		
O3961-01	ETGI-339	Solid	Benz[a]anthracene, 8-methyl-	*	200.000	J		
O3961-01	ETGI-339	Solid	Benzenamine, 2-ethyl-N-(4,4-dim	*	200.000	J		
O3961-01	ETGI-339	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-c	*	230.000	J		
O3961-01	ETGI-339	Solid	Benzo[e]pyrene	*	320.000	J		
O3961-01	ETGI-339	Solid	Cyclopenta(def)phenanthrenone	*	370.000	J		
O3961-01	ETGI-339	Solid	Fluoranthene, 2-methyl-	*	190.000	J		
O3961-01	ETGI-339	Solid	Heneicosane, 11-(1-ethylpropyl)-	*	340.000	J		
O3961-01	ETGI-339	Solid	Naphthalene, 2-phenyl-	*	230.000	J		
O3961-01	ETGI-339	Solid	Perylene	*	1,000.000	J		
O3961-01	ETGI-339	Solid	Phenanthrene, 1-methyl-	*	690.000	J		
O3961-01	ETGI-339	Solid	Phenanthrene, 2,5-dimethyl-	*	610.000	J		
O3961-01	ETGI-339	Solid	Phenanthrene, 2-methyl-	*	710.000	J		
O3961-01	ETGI-339	Solid	Phenanthrene, 3,6-dimethyl-	*	360.000	J		
O3961-01	ETGI-339	Solid	Pyrene, 1-methyl-	*	210.000	J		
O3961-01	ETGI-339	Solid	Pyrene, 4-methyl-	*	220.000	J		
Total Tics :				7,520.00				
O3961-01	ETGI-339	Solid	Acenaphthylene		330.000	120	230	ug/Kg
O3961-01	ETGI-339	Solid	Anthracene		260.000	140	230	ug/Kg
O3961-01	ETGI-339	Solid	Benzo(a)anthracene		1,300.000	110	230	ug/Kg
O3961-01	ETGI-339	Solid	Benzo(a)pyrene		1,400.000	130	230	ug/Kg
O3961-01	ETGI-339	Solid	Benzo(b)fluoranthene		1,800.000	110	230	ug/Kg
O3961-01	ETGI-339	Solid	Benzo(g,h,i)perylene		950.000	120	230	ug/Kg
O3961-01	ETGI-339	Solid	Benzo(k)fluoranthene		670.000	120	230	ug/Kg

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SDG No.: BF081123

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3961-01	ETGI-339	Solid	Chrysene	1,300.000		120	230	ug/Kg
O3961-01	ETGI-339	Solid	Dibenzo(a,h)anthracene	240.000		130	230	ug/Kg
O3961-01	ETGI-339	Solid	Fluoranthene	2,200.000		130	230	ug/Kg
O3961-01	ETGI-339	Solid	Fluorene	120.000	J	110	230	ug/Kg
O3961-01	ETGI-339	Solid	Indeno(1,2,3-cd)pyrene	810.000		140	230	ug/Kg
O3961-01	ETGI-339	Solid	Phenanthrene	1,300.000		120	230	ug/Kg
O3961-01	ETGI-339	Solid	Pyrene	2,300.000		110	230	ug/Kg
Total Svoc :				14,980.00				
Total Concentration:				22,500.00				
Client ID : B-PP02A								
O3971-01	B-PP02A	Solid	1,21-Docosadiene	*	130.000	J		
O3971-01	B-PP02A	Solid	1-Tetracosene	*	170.000	J		
O3971-01	B-PP02A	Solid	5-Eicosene, (E)-	*	230.000	J		
O3971-01	B-PP02A	Solid	Cyclooctacosane	*	88.900	J		
O3971-01	B-PP02A	Solid	Farnesol isomer a	*	120.000	J		
O3971-01	B-PP02A	Solid	Hexadecane	*	96.800	J		
O3971-01	B-PP02A	Solid	n-Hexadecanoic acid	*	290.000	J		
O3971-01	B-PP02A	Solid	Octadecanoic acid	*	110.000	J		
O3971-01	B-PP02A	Solid	Perylene	*	190.000	J		
O3971-01	B-PP02A	Solid	Tetracosane	*	84.200	J		
Total Tics :				1,509.90				
O3971-01	B-PP02A	Solid	Benzo(a)anthracene		170.000	J	90.6	ug/Kg
O3971-01	B-PP02A	Solid	Benzo(a)pyrene		190.000		100	ug/Kg
O3971-01	B-PP02A	Solid	Benzo(b)fluoranthene		280.000		86.7	ug/Kg
O3971-01	B-PP02A	Solid	Benzo(g,h,i)perylene		140.000	J	99.9	ug/Kg
O3971-01	B-PP02A	Solid	Chrysene		170.000	J	93.7	ug/Kg
O3971-01	B-PP02A	Solid	Fluoranthene		300.000		100	ug/Kg
O3971-01	B-PP02A	Solid	Pyrene		250.000		90.4	ug/Kg
Total Svoc :				1,500.00				
Total Concentration:				3,009.90				
Client ID : B-PP01A								
O3971-02	B-PP01A	Solid	1-Nonadecene	*	150.000	J		
O3971-02	B-PP01A	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	590.000	A		
O3971-02	B-PP01A	Solid	3-Penten-2-one, 4-methyl-	*	1,600.000	A		
O3971-02	B-PP01A	Solid	n-Hexadecanoic acid	*	98.300	J		
Total Tics :				2,438.30				
Total Concentration:				2,438.30				
Client ID : B-PP041A								
O3971-05	B-PP041A	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	370.000	A		
O3971-05	B-PP041A	Solid	Hexadecane	*	610.000	J		
O3971-05	B-PP041A	Solid	n-Hexadecanoic acid	*	630.000	J		

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SDG No.: BF081123

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3971-05	B-PP041A	Solid	o-Cymene	*	400.000	J		
O3971-05	B-PP041A	Solid	Pentadecane	*	710.000	J		
O3971-05	B-PP041A	Solid	Pentadecane, 7-methyl-	*	370.000	J		
O3971-05	B-PP041A	Solid	1-(2,3-Dimethylphenyl)ethanone	*	110.000	J		
O3971-05	B-PP041A	Solid	1-Docosene	*	240.000	J		
O3971-05	B-PP041A	Solid	2,6,10-Trimethyltridecane	*	330.000	J		
O3971-05	B-PP041A	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	420.000	A		
O3971-05	B-PP041A	Solid	Benzene, 1,2,3,5-tetramethyl-	*	170.000	J		
O3971-05	B-PP041A	Solid	Benzene, 1,2,4,5-tetramethyl-	*	230.000	J		
O3971-05	B-PP041A	Solid	Benzene, 1-methyl-4-(1-methylpr	*	120.000	J		
O3971-05	B-PP041A	Solid	Benzene, 2-ethenyl-1,4-dimethyl-	*	320.000	J		
O3971-05	B-PP041A	Solid	Dodecane, 3-methyl-	*	100.000	J		
O3971-05	B-PP041A	Solid	Heptadecane	*	700.000	J		
O3971-05	B-PP041A	Solid	Heptadecane, 8-methyl-	*	120.000	J		
O3971-05	B-PP041A	Solid	Heptadecane, 9-octyl-	*	140.000	J		
O3971-05	B-PP041A	Solid	Indan, 1-methyl-	*	120.000	J		
O3971-05	B-PP041A	Solid	Nonadecane	*	410.000	J		
O3971-05	B-PP041A	Solid	Pentadecane, 2,6,10-trimethyl-	*	130.000	J		
O3971-05	B-PP041A	Solid	Sulfurous acid, 2-ethylhexyl nony	*	150.000	J		
O3971-05	B-PP041A	Solid	Tetracosane	*	140.000	J		
O3971-05	B-PP041A	Solid	Tetradecane	*	580.000	J		
O3971-05	B-PP041A	Solid	Tridecane	*	280.000	J		
O3971-05	B-PP041A	Solid	Tridecane, 3-methyl-	*	150.000	J		
Total Tics :					8,050.00			
O3971-05	B-PP041A	Solid	Naphthalene		230.000	88.7	190	ug/Kg
Total Svoc :					230.00			
Total Concentration:					8,280.00			
Client ID : B-PP04B								
O3971-06	B-PP04B	Solid	1-Hexacosene	*	140.000	J		
O3971-06	B-PP04B	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	200.000	A		
O3971-06	B-PP04B	Solid	3-Penten-2-one, 4-methyl-	*	840.000	A		
O3971-06	B-PP04B	Solid	n-Hexadecanoic acid	*	140.000	J		
Total Tics :					1,320.00			
Total Concentration:					1,320.00			
Client ID : DUP-05								
O3971-07	DUP-05	Solid	1-Tetracosene	*	170.000	J		
O3971-07	DUP-05	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	310.000	A		
O3971-07	DUP-05	Solid	3,6-Dioxa-2,4,5,7-tetrasilaoctane,	*	170.000	J		
O3971-07	DUP-05	Solid	Benzene, 1,2,3,5-tetramethyl-	*	250.000	J		
O3971-07	DUP-05	Solid	Benzene, 1,2,4,5-tetramethyl-	*	180.000	J		
O3971-07	DUP-05	Solid	Benzene, 1-methyl-4-(1-methylpr	*	130.000	J		

Hit Summary Sheet SW-846

SDG No.: BF081123

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O3971-07	DUP-05	Solid	Benzene, 2,4-diethyl-1-methyl-	*	120.000	J		
O3971-07	DUP-05	Solid	Benzene, 2-butenyl-	*	340.000	J		
O3971-07	DUP-05	Solid	Carbonic acid, eicosyl vinyl ester	*	300.000	J		
O3971-07	DUP-05	Solid	Cyclononasiloxane, octadecameth	*	120.000	J		
O3971-07	DUP-05	Solid	Heptacosane	*	160.000	J		
O3971-07	DUP-05	Solid	Heptadecane	*	610.000	J		
O3971-07	DUP-05	Solid	Hexadecane	*	310.000	J		
O3971-07	DUP-05	Solid	Hexasiloxane, tetradecamethyl-	*	220.000	J		
O3971-07	DUP-05	Solid	n-Hexadecanoic acid	*	120.000	J		
O3971-07	DUP-05	Solid	Nonane, 2-methyl-5-propyl-	*	130.000	J		
O3971-07	DUP-05	Solid	Octacosane, 2-methyl-	*	110.000	J		
O3971-07	DUP-05	Solid	Octadecane, 1-iodo-	*	140.000	J		
O3971-07	DUP-05	Solid	Tetradecane	*	500.000	J		
O3971-07	DUP-05	Solid	unknown15.792	*	190.000	J		
Total Tics :					4,580.00			
O3971-07	DUP-05	Solid	Naphthalene		180.000	86.8	180	ug/Kg
Total Svoc :					180.00			
Total Concentration:					4,760.00			
Client ID : B-PP03A								
O3971-08	B-PP03A	Solid	1-Nonadecene	*	130.000	J		
O3971-08	B-PP03A	Solid	1-Phenyl-1-butene	*	360.000	J		
O3971-08	B-PP03A	Solid	1H-Indene, 2,3-dihydro-5-methyl-	*	100.000	J		
O3971-08	B-PP03A	Solid	Benzene, 1,2,4,5-tetramethyl-	*	200.000	J		
O3971-08	B-PP03A	Solid	Benzene, 1,4-diethyl-	*	110.000	J		
O3971-08	B-PP03A	Solid	Benzene, 1-ethyl-3,5-dimethyl-	*	120.000	J		
O3971-08	B-PP03A	Solid	Benzene, 1-ethyl-3-(1-methylethy	*	120.000	J		
O3971-08	B-PP03A	Solid	Benzene, 1-methyl-4-(1-methylpr	*	100.000	J		
O3971-08	B-PP03A	Solid	Benzene, 2-ethyl-1,3-dimethyl-	*	96.700	J		
O3971-08	B-PP03A	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	96.300	J		
O3971-08	B-PP03A	Solid	Dodecane	*	250.000	J		
O3971-08	B-PP03A	Solid	Heptadecane	*	190.000	J		
O3971-08	B-PP03A	Solid	Hexadecane	*	360.000	J		
O3971-08	B-PP03A	Solid	n-Hexadecanoic acid	*	270.000	J		
O3971-08	B-PP03A	Solid	o-Cymene	*	290.000	J		
O3971-08	B-PP03A	Solid	Octadecane	*	110.000	J		
O3971-08	B-PP03A	Solid	Octadecanoic acid	*	160.000	J		
O3971-08	B-PP03A	Solid	Tetradecane	*	310.000	J		
O3971-08	B-PP03A	Solid	Tridecane, 3-methyl-	*	99.300	J		
O3971-08	B-PP03A	Solid	Undecane, 3,5-dimethyl-	*	100.000	J		
Total Tics :					3,572.30			
O3971-08	B-PP03A	Solid	Bis(2-ethylhexyl)phthalate		170.000	J 130	190	ug/Kg
O3971-08	B-PP03A	Solid	Naphthalene		150.000	J 91.9	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF081123

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :		320.00			
			Total Concentration:		3,892.30			
Client ID : EO-01-081023								
O3974-01	EO-01-081023	Solid	4H-Cyclopenta[def]phenanthrene *	420.000	J			
O3974-01	EO-01-081023	Solid	Anthracene, 1-methyl- *	120.000	J			
O3974-01	EO-01-081023	Solid	Anthracene, 2-methyl- *	130.000	J			
O3974-01	EO-01-081023	Solid	Anthracene, 9-methyl- *	170.000	J			
O3974-01	EO-01-081023	Solid	Benzo[e]pyrene *	300.000	J			
O3974-01	EO-01-081023	Solid	Cyclopenta(def)phenanthrenone *	140.000	J			
O3974-01	EO-01-081023	Solid	Heneicosane *	160.000	J			
O3974-01	EO-01-081023	Solid	Heptadecane *	110.000	J			
O3974-01	EO-01-081023	Solid	Hexadecane *	170.000	J			
O3974-01	EO-01-081023	Solid	Methyl 9-cis,11-trans-octadecadie *	360.000	J			
O3974-01	EO-01-081023	Solid	Naphthalene, 2-phenyl- *	120.000	J			
O3974-01	EO-01-081023	Solid	Nonadecane *	240.000	J			
O3974-01	EO-01-081023	Solid	Octadecane *	260.000	J			
O3974-01	EO-01-081023	Solid	Perylene *	860.000	J			
O3974-01	EO-01-081023	Solid	Phenanthrene, 2,5-dimethyl- *	160.000	J			
O3974-01	EO-01-081023	Solid	Phenanthrene, 2-methyl- *	490.000	J			
O3974-01	EO-01-081023	Solid	Tetradecane *	120.000	J			
O3974-01	EO-01-081023	Solid	Tridecane *	420.000	J			
O3974-01	EO-01-081023	Solid	Tridecane, 5-propyl- *	190.000	J			
O3974-01	EO-01-081023	Solid	Undecane, 2,6-dimethyl- *	110.000	J			
			Total Tics :		5,050.00			
O3974-01	EO-01-081023	Solid	Acenaphthene	110.000		52.3	110	ug/Kg
O3974-01	EO-01-081023	Solid	Acenaphthylene	72.900	J	57.6	110	ug/Kg
O3974-01	EO-01-081023	Solid	Anthracene	390.000		66.4	110	ug/Kg
O3974-01	EO-01-081023	Solid	Benzo(a)anthracene	1,100.000		54.6	110	ug/Kg
O3974-01	EO-01-081023	Solid	Benzo(a)pyrene	1,200.000		61.4	110	ug/Kg
O3974-01	EO-01-081023	Solid	Benzo(b)fluoranthene	1,600.000		52.3	110	ug/Kg
O3974-01	EO-01-081023	Solid	Benzo(g,h,i)perylene	700.000		60.2	110	ug/Kg
O3974-01	EO-01-081023	Solid	Benzo(k)fluoranthene	510.000		57.4	110	ug/Kg
O3974-01	EO-01-081023	Solid	Carbazole	73.500	J	55.3	110	ug/Kg
O3974-01	EO-01-081023	Solid	Chrysene	1,000.000		56.5	110	ug/Kg
O3974-01	EO-01-081023	Solid	Dibenzo(a,h)anthracene	200.000		62.8	110	ug/Kg
O3974-01	EO-01-081023	Solid	Dibenzofuran	79.100	J	50.1	110	ug/Kg
O3974-01	EO-01-081023	Solid	Fluoranthene	1,900.000	E	61.5	110	ug/Kg
O3974-01	EO-01-081023	Solid	Fluorene	190.000		55.2	110	ug/Kg
O3974-01	EO-01-081023	Solid	Indeno(1,2,3-cd)pyrene	650.000		69.7	110	ug/Kg
O3974-01	EO-01-081023	Solid	Phenanthrene	1,100.000		60.4	110	ug/Kg
O3974-01	EO-01-081023	Solid	Pyrene	1,600.000		54.5	110	ug/Kg
O3974-01	EO-01-081023	Solid	Total PAH	12,322.000		935.8	1760	ug/Kg



Hit Summary Sheet
SW-846

SDG No.: BF081123

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :		24,797.50			
			Total Concentration:		29,847.50			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BF080123

SAS No.: BF080123

SDG No.: BF080123

Instrument ID:

Calibration Date(s): 8/1/2023 1:

Calibration Time(s): 07:51

LAB FILE ID:		RRF2.5 = BF134536.D			RRF005 = BF134537.D		RRF010 = BF134538.D	
		RRF020 = BF134539.D			RRF040 = BF134540.D		RRF050 = BF134541.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.798	0.821	0.837	0.792	0.759	0.784	5.2
Pyridine		1.765	1.756	1.759	1.627	1.547	1.640	7.2
2-Fluorophenol		1.494	1.480	1.472	1.302	1.202	1.316	12.8
Benzaldehyde		1.196	1.107	0.999	0.805	0.726	0.917	23.5
Aniline		2.431	2.372	2.389	2.189	2.069	2.206	8.9
Phenol-d6		1.904	1.907	1.855	1.660	1.535	1.682	12.5
Phenol		1.866	1.816	1.836	1.679	1.520	1.657	11.8
bis(2-Chloroethyl)ether		1.482	1.460	1.439	1.305	1.220	1.317	11.2
2-Chlorophenol		1.482	1.455	1.482	1.331	1.227	1.327	11.5
1,2-Dichlorobenzene		1.509	1.471	1.448	1.273	1.155	1.282	15.4
1,3-Dichlorobenzene		1.572	1.529	1.504	1.362	1.249	1.373	12.0
1,4-Dichlorobenzene		1.581	1.544	1.513	1.372	1.256	1.376	12.7
Benzyl Alcohol		1.307	1.317	1.316	1.169	1.065	1.160	13.9
2-Methylphenol		1.271	1.274	1.267	1.169	1.101	1.173	8.5
2,2-oxybis(1-Chloropropane)		2.306	2.246	2.249	2.054	1.917	2.063	10.2
Acetophenone		0.542	0.533	0.514	0.455	0.410	0.462	14.8
3+4-Methylphenols		1.661	1.662	1.622	1.425	1.258	1.414	17.2
n-Nitroso-di-n-propylamine	1.139	1.113	1.108	1.075	0.978	0.908	1.007	11.5
Nitrobenzene-d5		0.258	0.304	0.343	0.341	0.331	0.320	9.5
Hexachloroethane		0.519	0.514	0.534	0.480	0.456	0.483	8.6
Nitrobenzene		0.299	0.346	0.374	0.364	0.346	0.346	7.3
Isophorone		0.744	0.732	0.736	0.690	0.655	0.698	5.6
2-Nitrophenol		0.065	0.086	0.116	0.138	0.143	0.122	28.8
2,4-Dimethylphenol		0.330	0.335	0.336	0.307	0.294	0.311	7.1
bis(2-Chloroethoxy)methane		0.449	0.449	0.455	0.411	0.390	0.418	8.1
2,4-Dichlorophenol		0.285	0.292	0.302	0.289	0.273	0.283	4.8
1,2,4-Trichlorobenzene		0.326	0.322	0.324	0.301	0.284	0.301	7.9
Benzoic acid			0.097	0.145	0.177	0.199	0.176	27.3
Naphthalene		1.121	1.122	1.102	1.010	0.921	1.005	11.3
4-Chloroaniline		0.481	0.475	0.479	0.443	0.415	0.448	6.9
Hexachlorobutadiene		0.191	0.186	0.188	0.174	0.162	0.174	8.6
Caprolactam		0.083	0.090	0.094	0.095	0.090	0.091	4.5
4-Chloro-3-methylphenol		0.307	0.311	0.323	0.302	0.286	0.299	5.4
2-Methylnaphthalene		0.760	0.749	0.743	0.657	0.613	0.666	13.0
Hexachlorocyclopentadiene		0.247	0.271	0.296	0.306	0.288	0.283	6.8
2,4,6-Trichlorophenol		0.367	0.386	0.409	0.391	0.370	0.381	4.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080123

SAS No.: BF080123

SDG No.: BF080123

Instrument ID: _____

Calibration Date(s): 8/1/2023 1: _____

Calibration Time(s): 07:51 _____

LAB FILE ID:		RRF2.5 = BF134536.D		RRF005 = BF134537.D		RRF010 = BF134538.D		
		RRF020 = BF134539.D		RRF040 = BF134540.D		RRF050 = BF134541.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl			1.533	1.418	1.220	1.048	1.203	19.3
2,4,5-Trichlorophenol		0.430	0.457	0.464	0.451	0.410	0.435	5.3
1,1-Biphenyl		1.803	1.771	1.705	1.564	1.391	1.555	13.7
2-Chloronaphthalene		1.293	1.303	1.266	1.173	1.060	1.165	10.9
2-Nitroaniline		0.172	0.245	0.327	0.362	0.354	0.316	24.7
Dimethylphthalate		1.472	1.477	1.458	1.372	1.252	1.363	8.1
Acenaphthylene		2.038	2.049	2.008	1.845	1.671	1.832	11.4
2,6-Dinitrotoluene		0.144	0.205	0.262	0.281	0.275	0.248	21.8
3-Nitroaniline		0.193	0.266	0.317	0.342	0.323	0.304	18.4
Acenaphthene		1.304	1.321	1.294	1.192	1.082	1.187	10.4
2,4-Dinitrophenol			0.038	0.056	0.077	0.090	0.079	35.4
4-Nitrophenol			0.195	0.244	0.259	0.257	0.248	11.2
Dibenzofuran		1.906	1.888	1.851	1.737	1.527	1.690	12.3
2,4-Dinitrotoluene		0.148	0.222	0.298	0.341	0.339	0.292	26.8
Diethylphthalate		1.389	1.411	1.396	1.321	1.186	1.292	9.0
4-Chlorophenyl-phenylether		0.735	0.716	0.678	0.592	0.517	0.605	17.5
Fluorene		1.479	1.477	1.390	1.205	1.054	1.231	17.8
4-Nitroaniline		0.197	0.259	0.307	0.333	0.322	0.298	17.4
4,6-Dinitro-2-methylphenol			0.034	0.054	0.071	0.078	0.069	31.1
n-Nitrosodiphenylamine		0.693	0.707	0.695	0.641	0.582	0.637	10.1
Azobenzene		1.515	1.538	1.502	1.405	1.274	1.388	10.0
2,4,6-Tribromophenol		0.180	0.209	0.222	0.216	0.198	0.204	6.8
4-Bromophenyl-phenylether		0.233	0.229	0.239	0.220	0.205	0.219	7.1
Hexachlorobenzene		0.240	0.249	0.251	0.235	0.215	0.231	7.4
Atrazine		0.185	0.194	0.191	0.171	0.160	0.172	11.0
Pentachlorophenol		0.112	0.133	0.155	0.156	0.147	0.143	11.1
Phenanthrene		1.205	1.194	1.177	1.072	0.953	1.062	12.7
Anthracene		1.225	1.217	1.209	1.094	0.978	1.085	12.6
Carbazole		1.071	1.070	1.067	0.978	0.887	0.969	10.9
Di-n-butylphthalate		1.053	1.103	1.155	1.066	0.955	1.029	8.8
Fluoranthene		1.238	1.235	1.243	1.154	1.031	1.122	11.4
Benzidine		0.524	0.492	0.412	0.482	0.402	0.434	14.9
Pyrene		1.617	1.671	1.726	1.747	1.733	1.731	4.1
Terphenyl-d14		1.167	1.157	1.157	1.136	1.100	1.135	2.7
Butylbenzylphthalate		0.431	0.494	0.571	0.629	0.640	0.585	15.7
3,3-Dichlorobenzidine		0.417	0.438	0.438	0.417	0.400	0.415	4.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF080123

SAS No.: BF080123

SDG No.: BF080123

Instrument ID: _____

Calibration Date(s): 8/1/2023 1: _____

Calibration Time(s): 07:51 _____

LAB FILE ID:		RRF2.5 = BF134536.D			RRF005 = BF134537.D		RRF010 = BF134538.D	
		RRF020 = BF134539.D			RRF040 = BF134540.D		RRF050 = BF134541.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.457	1.472	1.482	1.451	1.371	1.430	3.5
Chrysene		1.427	1.418	1.437	1.399	1.351	1.393	3.2
Bis(2-ethylhexyl)phthalate		0.631	0.693	0.711	0.727	0.687	0.689	5.2
Di-n-octyl phthalate		0.877	0.956	1.042	1.103	1.062	1.047	9.9
Benzo(b)fluoranthene		1.270	1.271	1.358	1.210	1.129	1.220	7.1
Benzo(k)fluoranthene		1.224	1.326	1.296	1.287	1.165	1.215	7.8
Benzo(a)pyrene		1.124	1.179	1.178	1.174	1.099	1.137	3.7
Indeno(1,2,3-cd)pyrene		1.019	1.028	1.101	1.261	1.234	1.176	10.5
Dibenzo(a,h)anthracene		0.819	0.841	0.889	1.017	1.001	0.951	10.3
Benzo(g,h,i)perylene		0.801	0.826	0.897	1.042	1.042	0.970	12.9
1,2,4,5-Tetrachlorobenzene		0.644	0.652	0.630	0.585	0.526	0.582	10.8
1,4-Dioxane		0.641	0.648	0.649	0.606	0.573	0.605	6.9
2,3,4,6-Tetrachlorophenol		0.323	0.354	0.366	0.359	0.341	0.344	4.8
1-Methylnaphthalene		0.703	0.683	0.684	0.618	0.564	0.620	11.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081123 SAS No.: BF081123 SDG NO.: BF081123

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 11 2023 12:00AM

Lab File ID: BF134540.D Time Analyzed: 08:39

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	213182	6.792	805859	8.08	399274	9.83
	UPPER LIMIT	426364	7.292	1611718	8.575	798548	10.327
	LOWER LIMIT	106591	6.292	402929.5	7.575	199637	9.327
	EPA SAMPLE NO.						
01	PB154756BL	155708	6.80	623438	8.08	325423	9.83
02	OK-1-080923	188441	6.80	684375	8.08	325399	9.83
03	WC-20	173735	6.80	672850	8.08	308042	9.83
04	WC-19	169913	6.80	652433	8.08	287149	9.83
05	WC-22	174229	6.80	664599	8.08	294838	9.83
06	WC-16	182558	6.80	684961	8.08	292677	9.83
07	WC-27	166153	6.80	605073	8.08	257157	9.83
08	WC-19DL	153950	6.80	558942	8.08	251953	9.83
09	PB154767BL	190908	6.80	758509	8.08	395173	9.83
10	B-PP041A	173400	6.80	648041	8.08	291974	9.83
11	B-PP01A	171381	6.80	636347	8.08	259666	9.83
12	WC-PP01	183707	6.80	694840	8.08	299996	9.83
13	B-PP04B	182040	6.80	661361	8.08	272313	9.83
14	B-PP03A	187381	6.80	715400	8.08	324511	9.83
15	B-PP02A	185633	6.80	680200	8.08	291360	9.83
16	DUP-05	190576	6.80	738338	8.08	342381	9.83
17	EO-01-081023	194885	6.80	721385	8.08	304030	9.83
18	ETGI-339	175478	6.80	627266	8.08	279144	9.83
19	NEVINS-SB02-Z37-39	196491	6.80	273208 *	8.09	294891	9.85
20	NEVINS-SB02-Z46-47	197188	6.80	742623	8.09	363479	9.84
21	NEVINS-SB02-Z10-12	196074	6.80	478359	8.09	326036	9.84
22	NEVINS-SB02-Z64-65	163607	6.80	200026 *	8.10	268727	9.85
23	NEVINS-SB02-Z93-94	212276	6.80	352042 *	8.10	347866	9.85
24	B-PP041A	210984	6.80	794902	8.08	340397	9.83



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081123 SAS No.: BF081123 SDG NO.: BF081123

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 11 2023 12:00AM

Lab File ID: BF134540.D Time Analyzed: 22:28

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	213182	6.792	805859	8.08	399274	9.83
UPPER LIMIT	426364	7.292	1611718	8.575	798548	10.327
LOWER LIMIT	106591	6.292	402929.5	7.575	199637	9.327
EPA SAMPLE NO.						

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BF081123 SAS No.: BF081123 SDG NO.: BF081123EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 11 2023 12:00AMLab File ID: BF134720.D Time Analyzed: 08:39Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	204825	6.798	775543	8.08	399967	9.84
UPPER LIMIT	409650	7.298	1551086	8.581	799934	10.339
LOWER LIMIT	102412.5	6.298	387771.5	7.581	199983.5	9.339
EPA SAMPLE NO.						
01 PB154756BL	155708	6.80	623438	8.08	325423	9.83
02 OK-1-080923	188441	6.80	684375	8.08	325399	9.83
03 WC-20	173735	6.80	672850	8.08	308042	9.83
04 WC-19	169913	6.80	652433	8.08	287149	9.83
05 WC-22	174229	6.80	664599	8.08	294838	9.83
06 WC-16	182558	6.80	684961	8.08	292677	9.83
07 WC-27	166153	6.80	605073	8.08	257157	9.83
08 WC-19DL	153950	6.80	558942	8.08	251953	9.83

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BF081123 SAS No.: BF081123 SDG NO.: BF081123EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 11 2023 12:00AMLab File ID: BF134730.D Time Analyzed: 14:13Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	183010	6.798	684326	8.08	348202	9.83
	UPPER LIMIT	366020	7.298	1368652	8.581	696404	10.334
	LOWER LIMIT	91505	6.298	342163	7.581	174101	9.334
	EPA SAMPLE NO.						
01	PB154767BL	190908	6.80	758509	8.08	395173	9.83
02	B-PP041A	173400	6.80	648041	8.08	291974	9.83
03	B-PP01A	171381	6.80	636347	8.08	259666	9.83
04	WC-PP01	183707	6.80	694840	8.08	299996	9.83
05	B-PP04B	182040	6.80	661361	8.08	272313	9.83
06	B-PP03A	187381	6.80	715400	8.08	324511	9.83
07	B-PP02A	185633	6.80	680200	8.08	291360	9.83
08	DUP-05	190576	6.80	738338	8.08	342381	9.83
09	EO-01-081023	194885	6.80	721385	8.08	304030	9.83
10	ETGI-339	175478	6.80	627266	8.08	279144	9.83
11	NEVINS-SB02-Z37-39	196491	6.80	273208 *	8.09	294891	9.85
12	NEVINS-SB02-Z46-47	197188	6.80	742623	8.09	363479	9.84
13	NEVINS-SB02-Z10-12	196074	6.80	478359	8.09	326036	9.84
14	NEVINS-SB02-Z64-65	163607	6.80	200026 *	8.10	268727	9.85
15	NEVINS-SB02-Z93-94	212276	6.80	352042	8.10	347866	9.85
16	B-PP041A	210984	6.80	794902	8.08	340397	9.83

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081123 SAS No.: BF081123 SDG NO.: BF081123

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 11 2023 12:00AM

Lab File ID: BF134540.D Time Analyzed: 08:39

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	726478	11.316	486561	13.962	442066	15.415
UPPER LIMIT	1452956	11.816	973122	14.462	884132	15.915
LOWER LIMIT	363239	10.816	243280.5	13.462	221033	14.915
EPA SAMPLE NO.						
01 PB154756BL	625023	11.32	463980	13.97	386016	15.44
02 OK-1-080923	515306	11.32	372357	13.97	322157	15.44
03 WC-20	484957	11.32	338861	13.97	283892	15.44
04 WC-19	451181	11.33	300184	13.98	285084	15.45
05 WC-22	462381	11.32	347252	13.97	303320	15.44
06 WC-16	456479	11.32	370144	13.97	307472	15.44
07 WC-27	402878	11.32	338181	13.97	276049	15.44
08 WC-19DL	383717	11.32	316406	13.97	267423	15.44
09 PB154767BL	766963	11.32	575172	13.97	466248	15.44
10 B-PP041A	490649	11.32	398411	13.97	298020	15.44
11 B-PP01A	427614	11.32	370687	13.97	276962	15.44
12 WC-PP01	501406	11.32	414133	13.97	311205	15.44
13 B-PP04B	448565	11.32	376355	13.97	281397	15.44
14 B-PP03A	520464	11.32	349811	13.97	271602	15.44
15 B-PP02A	500991	11.32	396500	13.97	300085	15.44
16 DUP-05	536764	11.32	372964	13.97	320539	15.44
17 EO-01-081023	478458	11.32	328763	13.98	258819	15.45
18 ETGI-339	472995	11.32	317630	13.97	246917	15.45
19 NEVINS-SB02-Z37-39	418028	11.34	284446	14.00	283464	15.46
20 NEVINS-SB02-Z46-47	544680	11.33	341588	13.98	302209	15.45
21 NEVINS-SB02-Z10-12	492673	11.33	322695	13.98	281595	15.45
22 NEVINS-SB02-Z64-65	307732 *	11.34	211402 *	14.00	232216	15.46



8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BF081123 SAS No.: BF081123 SDG NO.: BF081123EPA Sample No.: SSTDICCC040Date Analyzed: Aug 11 2023 12:00AMLab File ID: BF134540.DTime Analyzed: 21:53Instrument ID: BNA_FGC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	726478	11.316	486561	13.962	442066	15.415
UPPER LIMIT	1452956	11.816	973122	14.462	884132	15.915
LOWER LIMIT	363239	10.816	243280.5	13.462	221033	14.915
EPA SAMPLE NO.						
23 NEVINS-SB02-Z93-94	457911	11.34	322162	13.99	290843	15.46
24 B-PP041A	504127	11.32	368314	13.97	271460	15.45

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081123 SAS No.: BF081123 SDG NO.: BF081123

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 11 2023 12:00AM

Lab File ID: BF134720.D Time Analyzed: 08:39

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	748840	11.327	498267	13.974	431591	15.445
UPPER LIMIT	1497680	11.827	996534	14.474	863182	15.945
LOWER LIMIT	374420	10.827	249133.5	13.474	215795.5	14.945
EPA SAMPLE NO.						
01 PB154756BL	625023	11.32	463980	13.97	386016	15.44
02 OK-1-080923	515306	11.32	372357	13.97	322157	15.44
03 WC-20	484957	11.32	338861	13.97	283892	15.44
04 WC-19	451181	11.33	300184	13.98	285084	15.45
05 WC-22	462381	11.32	347252	13.97	303320	15.44
06 WC-16	456479	11.32	370144	13.97	307472	15.44
07 WC-27	402878	11.32	338181	13.97	276049	15.44
08 WC-19DL	383717	11.32	316406	13.97	267423	15.44

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081123 SAS No.: BF081123 SDG NO.: BF081123

EPA Sample No.: SSTDCCC040

Date Analyzed: Aug 11 2023 12:00AM

Lab File ID: BF134730.D

Time Analyzed: 14:13

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	648423	11.322	416272	13.974	369331	15.439
UPPER LIMIT	1296846	11.822	832544	14.474	738662	15.939
LOWER LIMIT	324211.5	10.822	208136	13.474	184665.5	14.939
EPA SAMPLE NO.						
01 PB154767BL	766963	11.32	575172	13.97	466248	15.44
02 B-PP041A	490649	11.32	398411	13.97	298020	15.44
03 B-PP01A	427614	11.32	370687	13.97	276962	15.44
04 WC-PP01	501406	11.32	414133	13.97	311205	15.44
05 B-PP04B	448565	11.32	376355	13.97	281397	15.44
06 B-PP03A	520464	11.32	349811	13.97	271602	15.44
07 B-PP02A	500991	11.32	396500	13.97	300085	15.44
08 DUP-05	536764	11.32	372964	13.97	320539	15.44
09 EO-01-081023	478458	11.32	328763	13.98	258819	15.45
10 ETGI-339	472995	11.32	317630	13.97	246917	15.45
11 NEVINS-SB02-Z37-39	418028	11.34	284446	14.00	283464	15.46
12 NEVINS-SB02-Z46-47	544680	11.33	341588	13.98	302209	15.45
13 NEVINS-SB02-Z10-12	492673	11.33	322695	13.98	281595	15.45
14 NEVINS-SB02-Z64-65	307732 *	11.34	211402	14.00	232216	15.46
15 NEVINS-SB02-Z93-94	457911	11.34	322162	13.99	290843	15.46
16 B-PP041A	504127	11.32	368314	13.97	271460	15.45

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081123 SAS No.: BF081123 SDG NO.: BF081123

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 11 2023 12:00AM

Lab File ID: BF134730.D Time Analyzed: 22:28

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	648423	11.322	416272	13.974	369331	15.439
UPPER LIMIT	1296846	11.822	832544	14.474	738662	15.939
LOWER LIMIT	324211.5	10.822	208136	13.474	184665.5	14.939
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

OK-1-080923

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081123SAS No.: BF081123 SDG NO.: BF081123Lab File ID: BF134722.DLab Sample ID: O3952-01Instrument ID: BNA_FDate Extracted: 08/10/2023Matrix: (soil/water) SolidDate Analyzed: 08/11/2023Level: (low/med) LOWTime Analyzed: 09:20

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
OK-1-080923	O3952-01	BF134722.D	08/11/2023
WC-20	O3954-16	BF134723.D	08/11/2023
WC-19	O3954-13	BF134724.D	08/11/2023
WC-22	O3955-01	BF134725.D	08/11/2023
WC-16	O3954-04	BF134726.D	08/11/2023
WC-27	O3955-16	BF134727.D	08/11/2023

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB154756BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081123

SAS No.: BF081123 SDG NO.: BF081123

Lab File ID: BF134721.D

Lab Sample ID: PB154756BL

Instrument ID: BNA_F

Date Extracted: 08/10/2023

Matrix: (soil/water) water

Date Analyzed: 08/11/2023

Level: (low/med) LOW

Time Analyzed: 08:39

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB154767BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081123

SAS No.: BF081123 SDG NO.: BF081123

Lab File ID: BF134731.D

Lab Sample ID: PB154767BL

Instrument ID: BNA_F

Date Extracted: 08/11/2023

Matrix: (soil/water) Solid

Date Analyzed: 08/11/2023

Level: (low/med) LOW

Time Analyzed: 14:13

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
B-PP041A	O3971-05	BF134732.D	08/11/2023
B-PP01A	O3971-02	BF134733.D	08/11/2023
WC-PP01	O3971-03	BF134734.D	08/11/2023
B-PP04B	O3971-06	BF134735.D	08/11/2023
B-PP03A	O3971-08	BF134736.D	08/11/2023
B-PP02A	O3971-01	BF134737.D	08/11/2023
DUP-05	O3971-07	BF134738.D	08/11/2023
EO-01-081023	O3974-01	BF134739.D	08/11/2023
ETGI-339	O3961-01	BF134740.D	08/11/2023
NEVINS-SB02-Z37-39	O3958-05	BF134741.D	08/11/2023
NEVINS-SB02-Z46-47	O3958-04	BF134742.D	08/11/2023
NEVINS-SB02-Z10-12	O3958-07	BF134743.D	08/11/2023
NEVINS-SB02-Z64-65	O3958-03	BF134744.D	08/11/2023
NEVINS-SB02-Z93-94	O3958-02	BF134745.D	08/11/2023
B-PP041A	O3971-05	BF134746.D	08/11/2023

COMMENTS: _____



Surrogate Summary

SW-846

SDG No.: BF081123

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O3952-01	OK-1-080923	BF134722.D	2-Fluorophenol	150	70.70	47		18	112
			Phenol-d6	150	64.65	43		15	107
			Nitrobenzene-d5	100	56.98	57		18	107
			2-Fluorobiphenyl	100	66.52	67		20	109
			2,4,6-Tribromophenol	150	69.23	46		10	110
			Terphenyl-d14	100	58.34	58		14	112
O3954-04	WC-16	BF134726.D	2-Fluorophenol	150	68.92	46		18	112
			Phenol-d6	150	66.25	44		15	107
			Nitrobenzene-d5	100	54.70	55		18	107
			2-Fluorobiphenyl	100	57.02	57		20	109
			2,4,6-Tribromophenol	150	70.52	47		10	110
			Terphenyl-d14	100	42.40	42		14	112
O3954-13	WC-19	BF134724.D	2-Fluorophenol	150	66.48	44		18	112
			Phenol-d6	150	59.49	40		15	107
			Nitrobenzene-d5	100	49.72	50		18	107
			2-Fluorobiphenyl	100	68.32	68		20	109
			2,4,6-Tribromophenol	150	62.24	41		10	110
			Terphenyl-d14	100	55.29	55		14	112
O3954-13DL	WC-19DL	BF134728.D	2-Fluorophenol	150	44.35	30		18	112
			Phenol-d6	150	37.65	25		15	107
			Nitrobenzene-d5	100	39.60	40		18	107
			2-Fluorobiphenyl	100	60.40	60		20	109
			2,4,6-Tribromophenol	150	53.65	36		10	110
			Terphenyl-d14	100	47.50	47		14	112
O3954-16	WC-20	BF134723.D	2-Fluorophenol	150	84.00	56		18	112
			Phenol-d6	150	82.77	55		15	107
			Nitrobenzene-d5	100	67.60	68		18	107
			2-Fluorobiphenyl	100	70.36	70		20	109
			2,4,6-Tribromophenol	150	86.41	58		10	110
			Terphenyl-d14	100	60.86	61		14	112
O3955-01	WC-22	BF134725.D	2-Fluorophenol	150	55.14	37		18	112
			Phenol-d6	150	53.07	35		15	107
			Nitrobenzene-d5	100	44.29	44		18	107
			2-Fluorobiphenyl	100	47.38	47		20	109
			2,4,6-Tribromophenol	150	52.14	35		10	110
			Terphenyl-d14	100	36.76	37		14	112
O3955-16	WC-27	BF134727.D	2-Fluorophenol	150	63.46	42		18	112
			Phenol-d6	150	60.87	41		15	107
			Nitrobenzene-d5	100	49.78	50		18	107
			2-Fluorobiphenyl	100	56.52	57		20	109
			2,4,6-Tribromophenol	150	64.02	43		10	110
			Terphenyl-d14	100	43.79	44		14	112



Surrogate Summary
SW-846

SDG No.: BF081123

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB154756BL	PB154756BL	BF134721.D	2-Fluorophenol	150	144.90	97		10	139
			Phenol-d6	150	144.19	96		10	134
			Nitrobenzene-d5	100	117.94	118		49	133
			2-Fluorobiphenyl	100	107.18	107		52	132
			2,4,6-Tribromophenol	150	177.48	118		32	145
			Terphenyl-d14	100	99.64	100		36	145

Surrogate Summary

SW-846

SDG No.: **BF081123**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O3958-02	NEVINS-SB02-Z93BF134745.D		2-Fluorophenol	150	55.12	37		18	112
			Phenol-d6	150	57.16	38		15	107
			Nitrobenzene-d5	100	106.91	107		18	107
			2-Fluorobiphenyl	100	56.16	56		20	109
			2,4,6-Tribromophenol	150	43.01	29		10	110
			Terphenyl-d14	100	54.77	55		14	112
O3958-03	NEVINS-SB02-Z64BF134744.D		2-Fluorophenol	150	185.31	124	*	18	112
			Phenol-d6	150	204.66	136	*	15	107
			Nitrobenzene-d5	100	522.15	522	*	18	107
			2-Fluorobiphenyl	100	191.72	192	*	20	109
			2,4,6-Tribromophenol	150	153.19	102		10	110
			Terphenyl-d14	100	220.86	221	*	14	112
O3958-04	NEVINS-SB02-Z46BF134742.D		2-Fluorophenol	150	62.01	41		18	112
			Phenol-d6	150	59.93	40		15	107
			Nitrobenzene-d5	100	50.61	51		18	107
			2-Fluorobiphenyl	100	49.77	50		20	109
			2,4,6-Tribromophenol	150	57.87	39		10	110
			Terphenyl-d14	100	47.29	47		14	112
O3958-05	NEVINS-SB02-Z37BF134741.D		2-Fluorophenol	150	72.94	49		18	112
			Phenol-d6	150	71.47	48		15	107
			Nitrobenzene-d5	100	140.03	140	*	18	107
			2-Fluorobiphenyl	100	62.51	63		20	109
			2,4,6-Tribromophenol	150	67.01	45		10	110
			Terphenyl-d14	100	56.17	56		14	112
O3958-07	NEVINS-SB02-Z10BF134743.D		2-Fluorophenol	150	70.38	47		18	112
			Phenol-d6	150	69.25	46		15	107
			Nitrobenzene-d5	100	87.01	87		18	107
			2-Fluorobiphenyl	100	60.35	60		20	109
			2,4,6-Tribromophenol	150	67.80	45		10	110
			Terphenyl-d14	100	55.03	55		14	112
O3961-01	ETGI-339	BF134740.D	2-Fluorophenol	150	86.39	58		18	112
			Phenol-d6	150	81.76	55		15	107
			Nitrobenzene-d5	100	71.79	72		18	107
			2-Fluorobiphenyl	100	77.42	77		20	109
			2,4,6-Tribromophenol	150	93.88	63		10	110
			Terphenyl-d14	100	70.53	71		14	112
O3971-01	B-PP02A	BF134737.D	2-Fluorophenol	150	59.70	40		18	112
			Phenol-d6	150	56.15	37		15	107
			Nitrobenzene-d5	100	48.33	48		18	107
			2-Fluorobiphenyl	100	53.61	54		20	109
			2,4,6-Tribromophenol	150	66.04	44		10	110
			Terphenyl-d14	100	46.23	46		14	112
O3971-02	B-PP01A	BF134733.D	2-Fluorophenol	150	51.17	34		18	112
			Phenol-d6	150	63.08	42		15	107
			Nitrobenzene-d5	100	59.99	60		18	107
			2-Fluorobiphenyl	100	64.58	65		20	109
			2,4,6-Tribromophenol	150	39.88	27		10	110
			Terphenyl-d14	100	49.69	50		14	112
O3971-03	WC-PP01	BF134734.D	2-Fluorophenol	150	69.76	47		18	112
			Phenol-d6	150	65.88	44		15	107
			Nitrobenzene-d5	100	55.44	55		18	107

Surrogate Summary

SW-846

SDG No.: BF081123

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O3971-03	WC-PP01	BF134734.D	2-Fluorobiphenyl	100	61.21	61		20	109
			2,4,6-Tribromophenol	150	76.86	51		10	110
			Terphenyl-d14	100	51.35	51		14	112
O3971-05	B-PP041A	BF134732.D	2-Fluorophenol	150	48.28	32		18	112
			2-Fluorophenol	150	45.19	30		18	112
		BF134746.D	Phenol-d6	150	60.66	40		15	107
			Phenol-d6	150	63.00	42		15	107
		BF134732.D	Nitrobenzene-d5	100	60.07	60		18	107
			Nitrobenzene-d5	100	55.98	56		18	107
		BF134746.D	2-Fluorobiphenyl	100	61.22	61		20	109
			2-Fluorobiphenyl	100	71.93	72		20	109
		BF134732.D	2,4,6-Tribromophenol	150	31.21	21		10	110
			2,4,6-Tribromophenol	150	28.16	19		10	110
O3971-06	B-PP04B	BF134732.D	Terphenyl-d14	100	58.18	58		14	112
			Terphenyl-d14	100	54.28	54		14	112
		BF134735.D	2-Fluorophenol	150	65.02	43		18	112
			Phenol-d6	150	62.68	42		15	107
		BF134735.D	Nitrobenzene-d5	100	55.51	56		18	107
			2-Fluorobiphenyl	100	58.33	58		20	109
		BF134735.D	2,4,6-Tribromophenol	150	65.36	44		10	110
			Terphenyl-d14	100	42.49	42		14	112
		BF134738.D	2-Fluorophenol	150	46.61	31		18	112
			Phenol-d6	150	60.17	40		15	107
O3971-07	DUP-05	BF134738.D	Nitrobenzene-d5	100	53.19	53		18	107
			2-Fluorobiphenyl	100	51.78	52		20	109
			2,4,6-Tribromophenol	150	35.57	24		10	110
			Terphenyl-d14	100	42.75	43		14	112
		BF134736.D	2-Fluorophenol	150	66.12	44		18	112
			Phenol-d6	150	63.52	42		15	107
		BF134736.D	Nitrobenzene-d5	100	51.99	52		18	107
			2-Fluorobiphenyl	100	48.64	49		20	109
		BF134736.D	2,4,6-Tribromophenol	150	65.76	44		10	110
			Terphenyl-d14	100	46.02	46		14	112
O3974-01	EO-01-081023	BF134739.D	2-Fluorophenol	150	37.02	25		18	112
			Phenol-d6	150	34.48	23		15	107
			Nitrobenzene-d5	100	29.22	29		18	107
			2-Fluorobiphenyl	100	34.47	34		20	109
			2,4,6-Tribromophenol	150	37.50	25		10	110
			Terphenyl-d14	100	31.29	31		14	112
		BF134731.D	2-Fluorophenol	150	111.88	75		18	112
			Phenol-d6	150	109.82	73		15	107
		BF134731.D	Nitrobenzene-d5	100	92.12	92		18	107
			2-Fluorobiphenyl	100	82.70	83		20	109
PB154767BL	PB154767BL	BF134731.D	2,4,6-Tribromophenol	150	136.54	91		10	110
			Terphenyl-d14	100	75.69	76		14	112
			2-Fluorophenol	150	111.88	75		18	112



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BF081123Lab Code: CHEMSAS No.: BF081123 SDG NO.: BF081123Lab File ID: BF134719.DDFTPP Injection Date: 08/11/2023Instrument ID: BNA_FDFTPP Injection Time: 07:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.5
68	Less than 2.0% of mass 69	0.5 (2) 1
69	Mass 69 relative abundance	26.9
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	35.9
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.6
275	10.0 - 60.0% of mass 198	24.5
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF134720.D	08/11/2023	08:08
PB154756BL	PB154756BL	BF134721.D	08/11/2023	08:39
OK-1-080923	O3952-01	BF134722.D	08/11/2023	09:20
WC-20	O3954-16	BF134723.D	08/11/2023	09:52
WC-19	O3954-13	BF134724.D	08/11/2023	10:23
WC-22	O3955-01	BF134725.D	08/11/2023	10:54
WC-16	O3954-04	BF134726.D	08/11/2023	11:26
WC-27	O3955-16	BF134727.D	08/11/2023	11:57
WC-19DL	O3954-13DL	BF134728.D	08/11/2023	12:29



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BF081123Lab Code: CHEMSAS No.: BF081123 SDG NO.: BF081123Lab File ID: BF134729.DDFTPP Injection Date: 08/11/2023Instrument ID: BNA_FDFTPP Injection Time: 13:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	28
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	25.3
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	34.1
197	Less than 2.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.3
275	10.0 - 60.0% of mass 198	23.2
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF134730.D	08/11/2023	13:41
PB154767BL	PB154767BL	BF134731.D	08/11/2023	14:13
B-PP041A	O3971-05	BF134732.D	08/11/2023	14:58
B-PP01A	O3971-02	BF134733.D	08/11/2023	15:29
WC-PP01	O3971-03	BF134734.D	08/11/2023	16:02
B-PP04B	O3971-06	BF134735.D	08/11/2023	16:34
B-PP03A	O3971-08	BF134736.D	08/11/2023	17:06
B-PP02A	O3971-01	BF134737.D	08/11/2023	17:38
DUP-05	O3971-07	BF134738.D	08/11/2023	18:10
EO-01-081023	O3974-01	BF134739.D	08/11/2023	18:42
ETGI-339	O3961-01	BF134740.D	08/11/2023	19:14
NEVINS-SB02-Z37-39	O3958-05	BF134741.D	08/11/2023	19:46
NEVINS-SB02-Z46-47	O3958-04	BF134742.D	08/11/2023	20:18
NEVINS-SB02-Z10-12	O3958-07	BF134743.D	08/11/2023	20:50
NEVINS-SB02-Z64-65	O3958-03	BF134744.D	08/11/2023	21:21
NEVINS-SB02-Z93-94	O3958-02	BF134745.D	08/11/2023	21:53
B-PP041A	O3971-05	BF134746.D	08/11/2023	22:28