

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BF101723 SAS No.: BF101723 SDG No.: BF101723
 Instrument ID: BNA_F Calibration Date/Time: 10/17/2023 : 10:24
 Lab File ID: BF135803.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	0.792	0.780		-1.515	
Pyridine	1.472	1.364		-7.337	
2-Fluorophenol	1.244	1.202		-3.376	
Benzaldehyde	0.883	0.837		-5.21	
Aniline	1.953	1.822		-6.708	
Phenol-d6	1.552	1.451		-6.508	
Phenol	1.626	1.556		-4.305	20.0
bis(2-Chloroethyl)ether	1.310	1.239		-5.42	
2-Chlorophenol	1.341	1.274		-4.996	
1,2-Dichlorobenzene	1.240	1.181		-4.758	
1,3-Dichlorobenzene	1.360	1.312		-3.529	
1,4-Dichlorobenzene	1.378	1.307		-5.152	20.0
Benzyl Alcohol	1.032	0.997		-3.391	
2-Methylphenol	1.161	1.093		-5.857	
2,2-oxybis(1-Chloropropane)	2.370	2.191		-7.553	
Acetophenone	0.459	0.473		3.05	
3+4-Methylphenols	1.448	1.358		-6.215	
n-Nitroso-di-n-propylamine	0.960	0.879	0.050	-8.437	
Nitrobenzene-d5	0.364	0.375		3.022	
Hexachloroethane	0.500	0.475		-5.0	
Nitrobenzene	0.365	0.374		2.466	
Isophorone	0.686	0.712		3.79	
2-Nitrophenol	0.178	0.195		9.551	20.0
2,4-Dimethylphenol	0.293	0.310		5.802	
bis(2-Chloroethoxy)methane	0.409	0.422		3.178	
2,4-Dichlorophenol	0.275	0.292		6.182	20.0
1,2,4-Trichlorobenzene	0.281	0.293		4.27	
Benzoic acid	0.198	0.219		10.606	
Naphthalene	0.976	0.997		2.152	
4-Chloroaniline	0.426	0.441		3.521	
Hexachlorobutadiene	0.166	0.170		2.41	20.0
Caprolactam	0.094	0.101		7.447	
4-Chloro-3-methylphenol	0.305	0.326		6.885	20.0
2-Methylnaphthalene	0.643	0.667		3.733	
Hexachlorocyclopentadiene	0.065	0.071	0.050	9.231	
2,4,6-Trichlorophenol	0.371	0.402		8.356	20.0
2-Fluorobiphenyl	1.279	1.274		-0.391	
2,4,5-Trichlorophenol	0.431	0.468		8.585	
1,1-Biphenyl	1.532	1.598		4.308	
2-Chloronaphthalene	1.104	1.144		3.623	
2-Nitroaniline	0.436	0.458		5.046	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.350	1.402		3.852	
Acenaphthylene	1.827	1.851		1.314	
2,6-Dinitrotoluene	0.290	0.304		4.828	
3-Nitroaniline	0.356	0.374		5.056	
Acenaphthene	1.095	1.118		2.1	20.0
2,4-Dinitrophenol	0.121	0.121	0.050	0.0	
4-Nitrophenol	0.140	0.175	0.050	25.0	
Dibenzofuran	1.653	1.677		1.452	
2,4-Dinitrotoluene	0.369	0.389		5.42	
Diethylphthalate	1.378	1.447		5.007	
4-Chlorophenyl-phenylether	0.625	0.658		5.28	
Fluorene	1.294	1.358		4.946	
4-Nitroaniline	0.327	0.357		9.174	
4,6-Dinitro-2-methylphenol	0.101	0.114		12.871	
n-Nitrosodiphenylamine	0.610	0.630		3.279	20.0
Azobenzene	1.339	1.422		6.199	
2,4,6-Tribromophenol	0.192	0.207		7.812	
4-Bromophenyl-phenylether	0.201	0.217		7.96	
Hexachlorobenzene	0.204	0.222		8.824	
Atrazine	0.166	0.176		6.024	
Pentachlorophenol	0.081	0.099		22.222	20.0
Phenanthrene	0.958	0.967		0.939	
Anthracene	0.993	1.006		1.309	
Carbazole	0.926	0.944		1.944	
Di-n-butylphthalate	1.137	1.156		1.671	
Fluoranthene	1.063	1.067		0.376	20.0
Benzidine	0.436	0.456		4.587	
Pyrene	1.589	1.714		7.867	
Terphenyl-d14	1.080	1.125		4.167	
Butylbenzylphthalate	0.698	0.749		7.307	
3,3-Dichlorobenzidine	0.436	0.440		0.917	
Benzo (a) anthracene	1.314	1.378		4.871	
Chrysene	1.272	1.308		2.83	
Bis (2-ethylhexyl) phthalate	0.947	1.000		5.597	
Di-n-octyl phthalate	1.501	1.532		2.065	20.0
Benzo (b) fluoranthene	1.119	1.126		0.626	
Benzo (k) fluoranthene	1.087	1.156		6.348	
Benzo (a) pyrene	1.053	1.069		1.519	20.0
Indeno (1,2,3-cd) pyrene	1.090	1.085		-0.459	
Dibenzo (a,h) anthracene	0.893	0.888		-0.56	
Benzo (g,h,i) perylene	0.918	0.896		-2.397	



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Lab File ID: BF135803.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
1,2,4,5-Tetrachlorobenzene	0.575	0.612		6.435	
1,4-Dioxane	0.600	0.592		-1.333	20.0
2,3,4,6-Tetrachlorophenol	0.326	0.372		14.11	
1-Methylnaphthalene	0.593	0.617		4.047	

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF101723 SAS No.: BF101723 SDG No.: BF101723

Instrument ID: BNA_F Calibration Date/Time: 10/17/2023 : 16:49

Lab File ID: BF135815.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	0.792	0.753		-4.924	
Pyridine	1.472	1.309		-11.073	
2-Fluorophenol	1.244	1.168		-6.109	
Benzaldehyde	0.883	0.876		-0.793	
Aniline	1.953	1.838		-5.888	
Phenol-d6	1.552	1.474		-5.026	
Phenol	1.626	1.580		-2.829	20.0
bis(2-Chloroethyl)ether	1.310	1.259		-3.893	
2-Chlorophenol	1.341	1.301		-2.983	
1,2-Dichlorobenzene	1.240	1.168		-5.806	
1,3-Dichlorobenzene	1.360	1.322		-2.794	
1,4-Dichlorobenzene	1.378	1.323		-3.991	20.0
Benzyl Alcohol	1.032	1.002		-2.907	
2-Methylphenol	1.161	1.087		-6.374	
2,2-oxybis(1-Chloropropane)	2.370	2.168		-8.523	
Acetophenone	0.459	0.467		1.743	
3+4-Methylphenols	1.448	1.383		-4.489	
n-Nitroso-di-n-propylamine	0.960	0.883	0.050	-8.021	
Nitrobenzene-d5	0.364	0.378		3.846	
Hexachloroethane	0.500	0.488		-2.4	
Nitrobenzene	0.365	0.377		3.288	
Isophorone	0.686	0.690		0.583	
2-Nitrophenol	0.178	0.185		3.933	20.0
2,4-Dimethylphenol	0.293	0.299		2.048	
bis(2-Chloroethoxy)methane	0.409	0.413		0.978	
2,4-Dichlorophenol	0.275	0.285		3.636	20.0
1,2,4-Trichlorobenzene	0.281	0.285		1.423	
Benzoic acid	0.198	0.211		6.566	
Naphthalene	0.976	0.993		1.742	
4-Chloroaniline	0.426	0.457		7.277	
Hexachlorobutadiene	0.166	0.178		7.229	20.0
Caprolactam	0.094	0.097		3.191	
4-Chloro-3-methylphenol	0.305	0.315		3.279	20.0
2-Methylnaphthalene	0.643	0.669		4.044	
Hexachlorocyclopentadiene	0.065	0.073	0.050	12.308	
2,4,6-Trichlorophenol	0.371	0.389		4.852	20.0
2-Fluorobiphenyl	1.279	1.298		1.486	
2,4,5-Trichlorophenol	0.431	0.453		5.104	
1,1-Biphenyl	1.532	1.616		5.483	
2-Chloronaphthalene	1.104	1.148		3.986	
2-Nitroaniline	0.436	0.483		10.78	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.350	1.406		4.148	
Acenaphthylene	1.827	1.843		0.876	
2,6-Dinitrotoluene	0.290	0.314		8.276	
3-Nitroaniline	0.356	0.372		4.494	
Acenaphthene	1.095	1.128		3.014	20.0
2,4-Dinitrophenol	0.121	0.138	0.050	14.05	
4-Nitrophenol	0.140	0.144	0.050	2.857	
Dibenzofuran	1.653	1.699		2.783	
2,4-Dinitrotoluene	0.369	0.405		9.756	
Diethylphthalate	1.378	1.443		4.717	
4-Chlorophenyl-phenylether	0.625	0.656		4.96	
Fluorene	1.294	1.345		3.941	
4-Nitroaniline	0.327	0.351		7.339	
4,6-Dinitro-2-methylphenol	0.101	0.109		7.921	
n-Nitrosodiphenylamine	0.610	0.623		2.131	20.0
Azobenzene	1.339	1.411		5.377	
2,4,6-Tribromophenol	0.192	0.205		6.771	
4-Bromophenyl-phenylether	0.201	0.207		2.985	
Hexachlorobenzene	0.204	0.212		3.922	
Atrazine	0.166	0.171		3.012	
Pentachlorophenol	0.081	0.080		-1.235	20.0
Phenanthrene	0.958	0.970		1.253	
Anthracene	0.993	1.017		2.417	
Carbazole	0.926	0.944		1.944	
Di-n-butylphthalate	1.137	1.154		1.495	
Fluoranthene	1.063	1.073		0.941	20.0
Benzidine	0.436	0.456		4.587	
Pyrene	1.589	1.654		4.091	
Terphenyl-d14	1.080	1.098		1.667	
Butylbenzylphthalate	0.698	0.720		3.152	
3,3-Dichlorobenzidine	0.436	0.448		2.752	
Benzo (a) anthracene	1.314	1.378		4.871	
Chrysene	1.272	1.278		0.472	
Bis (2-ethylhexyl) phthalate	0.947	0.979		3.379	
Di-n-octyl phthalate	1.501	1.416		-5.663	20.0
Benzo (b) fluoranthene	1.119	1.174		4.915	
Benzo (k) fluoranthene	1.087	1.185		9.016	
Benzo (a) pyrene	1.053	1.077		2.279	20.0
Indeno (1,2,3-cd) pyrene	1.090	1.097		0.642	
Dibenzo (a,h) anthracene	0.893	0.907		1.568	
Benzo (g,h,i) perylene	0.918	0.936		1.961	



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Lab File ID: BF135815.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
1,2,4,5-Tetrachlorobenzene	0.575	0.609		5.913	
1,4-Dioxane	0.600	0.602		0.333	20.0
2,3,4,6-Tetrachlorophenol	0.326	0.347		6.442	
1-Methylnaphthalene	0.593	0.615		3.71	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/4/2023 12:00:00 AM
Project:		Date Received:	10/4/2023 12:00:00 AM
Client Sample ID:	PB156118BL	SDG No.:	BF101723
Lab Sample ID:	PB156118BL	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
BF135804.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

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:	10/4/2023 12:00:00 AM
Project:		Date Received:	10/4/2023 12:00:00 AM
Client Sample ID:	PB156118BL	SDG No.:	BF101723
Lab Sample ID:	PB156118BL	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
BF135804.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

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:	10/4/2023 12:00:00 AM
Project:		Date Received:	10/4/2023 12:00:00 AM
Client Sample ID:	PB156118BL	SDG No.:	BF101723
Lab Sample ID:	PB156118BL	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
BF135804.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

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	129.983		10-139		87	SPK: -150
13127-88-3	Phenol-d6	129.792		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	90.391		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	85.921		52-132		86	SPK: -100
118-79-6	2,4,6-Tribromophenol	143.776		32-145		96	SPK: -150
1718-51-0	Terphenyl-d14	83.843		36-145		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117867	6.734				
1146-65-2	Naphthalene-d8	454123	8.016				
15067-26-2	Acenaphthene-d10	246116	9.775				
1517-22-2	Phenanthrene-d10	494418	11.269				
1719-03-5	Chrysene-d12	339046	13.939				
1520-96-3	Perylene-d12	304923	15.415				



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Report of Analysis

Client:		Date Collected:	10/4/2023 12:00:00 AM
Project:		Date Received:	10/4/2023 12:00:00 AM
Client Sample ID:	PB156118BL	SDG No.:	BF101723
Lab Sample ID:	PB156118BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	Level : LOW
		GPC Factor :	Level : LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF135804.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

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

Client:		Date Collected:	10/4/2023 12:00:00 AM
Project:		Date Received:	10/4/2023 12:00:00 AM
Client Sample ID:	PB156118BS	SDG No.:	BF101723
Lab Sample ID:	PB156118BS	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
BF135805.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	40.5		2	8	10	ug/L
110-86-1	Pyridine	29.2		1.8	4	5	ug/L
100-52-7	Benzaldehyde	12.4		3.3	8	10	ug/L
62-53-3	Aniline	29.3		2.4	4	5	ug/L
108-95-2	Phenol	42.9		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.1		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	43.9		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	43.3		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42.8		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.8		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	45.9		2.4	8	10	ug/L
95-48-7	2-Methylphenol	39		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40.9		2.3	4	5	ug/L
98-86-2	Acetophenone	42.3		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	40.2		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	40.8		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	43.8		1.6	4	5	ug/L
98-95-3	Nitrobenzene	41.2		1.7	4	5	ug/L
78-59-1	Isophorone	40		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	43.2		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	40		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40.5		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	44.5		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.7		1.7	4	5	ug/L
65-85-0	Benzoic acid	45.1		6.7	8	10	ug/L
91-20-3	Naphthalene	40.4		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	22.1		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	41.3		1.9	4	5	ug/L
105-60-2	Caprolactam	42.1		3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	41.7		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	37.8		2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/4/2023 12:00:00 AM
Project:		Date Received:	10/4/2023 12:00:00 AM
Client Sample ID:	PB156118BS	SDG No.:	BF101723
Lab Sample ID:	PB156118BS	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
BF135805.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	79		5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	42.3		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	38.8		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	40.2		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	41.8		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	41.6		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	41.4		1.9	4	5	ug/L
208-96-8	Acenaphthylene	40.9		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	42.8		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	33		2.4	4	5	ug/L
83-32-9	Acenaphthene	41.2		1.7	4	5	ug/L
Total PAH	Total PAH	682.6		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	93.5	E	2.8	8	10	ug/L
132-64-9	Dibenzofuran	41.9		1.6	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	87.6		4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	44.8		2.5	4	5	ug/L
84-66-2	Diethylphthalate	42.7		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.8		2.2	4	5	ug/L
86-73-7	Fluorene	43.4		2	4	5	ug/L
100-01-6	4-Nitroaniline	43.5		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46.6		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	44.3		2	4	5	ug/L
103-33-3	Azobenzene	43.1		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	43.1		2	4	5	ug/L
118-74-1	Hexachlorobenzene	46.9		1.9	4	5	ug/L
1912-24-9	Atrazine	49.6		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	80.6	E	2.6	8	10	ug/L
85-01-8	Phenanthrene	41.1		2	4	5	ug/L
120-12-7	Anthracene	40.6		2.3	4	5	ug/L
86-74-8	Carbazole	42		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	41.8		2.4	4	5	ug/L
206-44-0	Fluoranthene	42.5		2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/4/2023 12:00:00 AM
Project:		Date Received:	10/4/2023 12:00:00 AM
Client Sample ID:	PB156118BS	SDG No.:	BF101723
Lab Sample ID:	PB156118BS	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
BF135805.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	35.4		6.6	8	10	ug/L
129-00-0	Pyrene	45.1		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	45.9		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	36.1		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	43.8		1.5	4	5	ug/L
218-01-9	Chrysene	41.2		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	43.9		2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	43.9		3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	49.2		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	42.5		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	42.1		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	43.1		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	43.2		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	42.3		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	40.2		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	31.8		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45.2		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	38.9		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	116.225		10-139		77	SPK: -150
13127-88-3	Phenol-d6	115.551		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	77.487		49-133		77	SPK: -100
321-60-8	2-Fluorobiphenyl	74.459		52-132		74	SPK: -100
118-79-6	2,4,6-Tribromophenol	128.906		32-145		86	SPK: -150
1718-51-0	Terphenyl-d14	85.718		36-145		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124360	6.739				
1146-65-2	Naphthalene-d8	506093	8.022				
15067-26-2	Acenaphthene-d10	256466	9.78				
1517-22-2	Phenanthrene-d10	496803	11.274				
1719-03-5	Chrysene-d12	318750	13.945				
1520-96-3	Perylene-d12	287654	15.415				



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Report of Analysis

Client:		Date Collected:	10/4/2023 12:00:00 AM
Project:		Date Received:	10/4/2023 12:00:00 AM
Client Sample ID:	PB156118BS	SDG No.:	BF101723
Lab Sample ID:	PB156118BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	Level : LOW
		GPC Factor :	Level : LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF135805.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

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

Client:		Date Collected:	10/4/2023 12:00:00 AM
Project:		Date Received:	10/4/2023 12:00:00 AM
Client Sample ID:	PB156118BSD	SDG No.:	BF101723
Lab Sample ID:	PB156118BSD	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
BF135806.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42.3		2	8	10	ug/L
110-86-1	Pyridine	30.5		1.8	4	5	ug/L
100-52-7	Benzaldehyde	13.1		3.3	8	10	ug/L
62-53-3	Aniline	29		2.4	4	5	ug/L
108-95-2	Phenol	42.4		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.9		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	44.5		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42.4		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	43.3		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.7		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	44.2		2.4	8	10	ug/L
95-48-7	2-Methylphenol	38.3		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.5		2.3	4	5	ug/L
98-86-2	Acetophenone	40.6		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	38.3		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	39		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.8		1.6	4	5	ug/L
98-95-3	Nitrobenzene	39.9		1.7	4	5	ug/L
78-59-1	Isophorone	39.9		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	43.2		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	39.5		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40.5		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	43.7		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.7		1.7	4	5	ug/L
65-85-0	Benzoic acid	44.6		6.7	8	10	ug/L
91-20-3	Naphthalene	41.3		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	21.5		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.2		1.9	4	5	ug/L
105-60-2	Caprolactam	43.2		3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	39		2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/4/2023 12:00:00 AM
Project:		Date Received:	10/4/2023 12:00:00 AM
Client Sample ID:	PB156118BSD	SDG No.:	BF101723
Lab Sample ID:	PB156118BSD	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
BF135806.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	81.2	E	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	42		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	38.3		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	39.6		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	41.9		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	41.2		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	41.6		1.9	4	5	ug/L
208-96-8	Acenaphthylene	41.7		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	43.2		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	33.4		2.4	4	5	ug/L
83-32-9	Acenaphthene	41.5		1.7	4	5	ug/L
Total PAH	Total PAH	693		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	91.7	E	2.8	8	10	ug/L
132-64-9	Dibenzofuran	41.1		1.6	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	43.2		2.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	86.4		4.6	4	10	ug/L
84-66-2	Diethylphthalate	40.3		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	39.4		2.2	4	5	ug/L
86-73-7	Fluorene	40.3		2	4	5	ug/L
100-01-6	4-Nitroaniline	38.1		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	45.7		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	41.3		2	4	5	ug/L
103-33-3	Azobenzene	39.4		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	41.4		2	4	5	ug/L
118-74-1	Hexachlorobenzene	44.9		1.9	4	5	ug/L
1912-24-9	Atrazine	48.1		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	81.3	E	2.6	8	10	ug/L
85-01-8	Phenanthrene	41.2		2	4	5	ug/L
120-12-7	Anthracene	41		2.3	4	5	ug/L
86-74-8	Carbazole	42		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	41.7		2.4	4	5	ug/L
206-44-0	Fluoranthene	41.4		2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/4/2023 12:00:00 AM
Project:		Date Received:	10/4/2023 12:00:00 AM
Client Sample ID:	PB156118BSD	SDG No.:	BF101723
Lab Sample ID:	PB156118BSD	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
BF135806.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	35.5		6.6	8	10	ug/L
129-00-0	Pyrene	45		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	43.9		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	36.1		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	44.2		1.5	4	5	ug/L
218-01-9	Chrysene	41.8		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	45		2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	44.5		3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	45.8		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	45.8		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	42.1		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.2		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	44.7		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.1		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	32.9		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	43.1		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	39.9		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	116.657		10-139		78	SPK: -150
13127-88-3	Phenol-d6	115.422		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	76.027		49-133		76	SPK: -100
321-60-8	2-Fluorobiphenyl	74.675		52-132		75	SPK: -100
118-79-6	2,4,6-Tribromophenol	115.643		32-145		77	SPK: -150
1718-51-0	Terphenyl-d14	82.756		36-145		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126557	6.74				
1146-65-2	Naphthalene-d8	512507	8.022				
15067-26-2	Acenaphthene-d10	261066	9.781				
1517-22-2	Phenanthrene-d10	486839	11.275				
1719-03-5	Chrysene-d12	306620	13.945				
1520-96-3	Perylene-d12	279956	15.416				



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Report of Analysis

Client:		Date Collected:	10/4/2023 12:00:00 AM
Project:		Date Received:	10/4/2023 12:00:00 AM
Client Sample ID:	PB156118BSD	SDG No.:	BF101723
Lab Sample ID:	PB156118BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
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
BF135806.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

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

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	PB156372BS	SDG No.:	BF101723
Lab Sample ID:	PB156372BS	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
BF135807.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	43.2		2	8	10	ug/L
110-86-1	Pyridine	30.5		1.8	4	5	ug/L
100-52-7	Benzaldehyde	12.6		3.3	8	10	ug/L
62-53-3	Aniline	28.9		2.4	4	5	ug/L
108-95-2	Phenol	41.2		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	41.8		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	43.5		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	43.1		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42.6		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.5		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	44.8		2.4	8	10	ug/L
95-48-7	2-Methylphenol	38.9		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.2		2.3	4	5	ug/L
98-86-2	Acetophenone	42.1		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	39.5		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	39.1		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	43.9		1.6	4	5	ug/L
98-95-3	Nitrobenzene	41.5		1.7	4	5	ug/L
78-59-1	Isophorone	40.9		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	44		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	41.2		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.9		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	44		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.7		1.7	4	5	ug/L
65-85-0	Benzoic acid	45.6		6.7	8	10	ug/L
91-20-3	Naphthalene	40.9		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	21.8		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.4		1.9	4	5	ug/L
105-60-2	Caprolactam	43.9		3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	44.4		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	39.7		2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	PB156372BS	SDG No.:	BF101723
Lab Sample ID:	PB156372BS	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
BF135807.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	81.2	E	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	43.5		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	39.8		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	41.5		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	43.2		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	43.2		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	42.4		1.9	4	5	ug/L
208-96-8	Acenaphthylene	41.7		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	43.6		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	31.4		2.4	4	5	ug/L
83-32-9	Acenaphthene	41.2		1.7	4	5	ug/L
Total PAH	Total PAH	710.5		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	87.6	E	2.8	8	10	ug/L
132-64-9	Dibenzofuran	41.8		1.6	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	44.4		2.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	88		4.6	4	10	ug/L
84-66-2	Diethylphthalate	41.9		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	41.8		2.2	4	5	ug/L
86-73-7	Fluorene	42.5		2	4	5	ug/L
100-01-6	4-Nitroaniline	40.3		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	43.7		2	4	5	ug/L
103-33-3	Azobenzene	42		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	42.9		2	4	5	ug/L
118-74-1	Hexachlorobenzene	44.9		1.9	4	5	ug/L
1912-24-9	Atrazine	48.8		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	79.2		2.6	8	10	ug/L
85-01-8	Phenanthrene	42.2		2	4	5	ug/L
120-12-7	Anthracene	41.3		2.3	4	5	ug/L
86-74-8	Carbazole	42.3		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	42.7		2.4	4	5	ug/L
206-44-0	Fluoranthene	42.5		2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	PB156372BS	SDG No.:	BF101723
Lab Sample ID:	PB156372BS	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
BF135807.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	36.1		6.6	8	10	ug/L
129-00-0	Pyrene	44.5		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	46		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	36.3		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	44		1.5	4	5	ug/L
218-01-9	Chrysene	41.3		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	45.1		2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	43.2		3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	49.5		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	50.2		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	42.3		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	48.7		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.4		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	48.3		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.5		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	33.3		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45.1		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	41.6		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	119.862		10-139		80	SPK: -150
13127-88-3	Phenol-d6	112.809		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	79.401		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	76.226		52-132		76	SPK: -100
118-79-6	2,4,6-Tribromophenol	126.368		32-145		84	SPK: -150
1718-51-0	Terphenyl-d14	84.98		36-145		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123647	6.739				
1146-65-2	Naphthalene-d8	494613	8.022				
15067-26-2	Acenaphthene-d10	260971	9.78				
1517-22-2	Phenanthrene-d10	484766	11.274				
1719-03-5	Chrysene-d12	312801	13.945				
1520-96-3	Perylene-d12	258668	15.415				



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Report of Analysis

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	PB156372BS	SDG No.:	BF101723
Lab Sample ID:	PB156372BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	Level : LOW
		GPC Factor :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF135807.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156372

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

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	PB156372BSD	SDG No.:	BF101723
Lab Sample ID:	PB156372BSD	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
BF135808.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42.5		2	8	10	ug/L
110-86-1	Pyridine	29.3		1.8	4	5	ug/L
100-52-7	Benzaldehyde	12.9		3.3	8	10	ug/L
62-53-3	Aniline	28.2		2.4	4	5	ug/L
108-95-2	Phenol	42		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	41		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	43.3		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	42.7		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	42.1		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.3		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	45.1		2.4	8	10	ug/L
95-48-7	2-Methylphenol	39.2		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41		2.3	4	5	ug/L
98-86-2	Acetophenone	43.5		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	40		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	39.9		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	43.9		1.6	4	5	ug/L
98-95-3	Nitrobenzene	42.7		1.7	4	5	ug/L
78-59-1	Isophorone	40.6		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	43.1		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	40.2		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40.4		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	43.4		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.1		1.7	4	5	ug/L
65-85-0	Benzoic acid	46		6.7	8	10	ug/L
91-20-3	Naphthalene	40.8		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	21.9		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	43.1		1.9	4	5	ug/L
105-60-2	Caprolactam	45.6		3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	45.9		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	41.1		2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	PB156372BSD	SDG No.:	BF101723
Lab Sample ID:	PB156372BSD	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
BF135808.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	82.3	E	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	41.9		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	38		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	40		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	41.8		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	41.3		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	41.7		1.9	4	5	ug/L
208-96-8	Acenaphthylene	41.1		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	42.2		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	31.8		2.4	4	5	ug/L
83-32-9	Acenaphthene	39.6		1.7	4	5	ug/L
Total PAH	Total PAH	702.9		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	110	E	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	85	E	2.8	8	10	ug/L
132-64-9	Dibenzofuran	40.9		1.6	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	85.8		4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	43.6		2.5	4	5	ug/L
84-66-2	Diethylphthalate	41.3		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	40.8		2.2	4	5	ug/L
86-73-7	Fluorene	40.7		2	4	5	ug/L
100-01-6	4-Nitroaniline	37.9		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46.7		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	43.3		2	4	5	ug/L
103-33-3	Azobenzene	38.9		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	42.2		2	4	5	ug/L
118-74-1	Hexachlorobenzene	45.4		1.9	4	5	ug/L
1912-24-9	Atrazine	48.3		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	81.9	E	2.6	8	10	ug/L
85-01-8	Phenanthrene	41.6		2	4	5	ug/L
120-12-7	Anthracene	40.8		2.3	4	5	ug/L
86-74-8	Carbazole	41.6		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	42		2.4	4	5	ug/L
206-44-0	Fluoranthene	40.8		2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	PB156372BSD	SDG No.:	BF101723
Lab Sample ID:	PB156372BSD	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
BF135808.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156372

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	35.5		6.6	8	10	ug/L
129-00-0	Pyrene	45.2		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	45.2		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	35.7		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	43.6		1.5	4	5	ug/L
218-01-9	Chrysene	41		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	45.3		2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	43.6		3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	46.4		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	47.8		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	43		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.4		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.5		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	49.6		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.4		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	32.4		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	44.6		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	42.1		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	118.53		10-139		79	SPK: -150
13127-88-3	Phenol-d6	113.539		10-134		76	SPK: -150
4165-60-0	Nitrobenzene-d5	81.862		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	73.37		52-132		73	SPK: -100
118-79-6	2,4,6-Tribromophenol	112.612		32-145		75	SPK: -150
1718-51-0	Terphenyl-d14	83.984		36-145		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	134537	6.739				
1146-65-2	Naphthalene-d8	522108	8.022				
15067-26-2	Acenaphthene-d10	280322	9.78				
1517-22-2	Phenanthrene-d10	496469	11.274				
1719-03-5	Chrysene-d12	306988	13.945				
1520-96-3	Perylene-d12	260248	15.415				



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Report of Analysis

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	PB156372BSD	SDG No.:	BF101723
Lab Sample ID:	PB156372BSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
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
BF135808.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156372

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

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MW-4	SDG No.:	BF101723
Lab Sample ID:	O4724-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
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
BF135809.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2	U	2	8.1	10.1	ug/L
110-86-1	Pyridine	1.8	U	1.8	4	5.1	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8.1	10.1	ug/L
62-53-3	Aniline	2.4	U	2.4	4	5.1	ug/L
108-95-2	Phenol	1.5	U	1.5	4	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4	5.1	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	1.8	U	1.8	4	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	1.4	U	1.4	4	5.1	ug/L
100-51-6	Benzyl Alcohol	2.4	U	2.4	8.1	10.1	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4	5.1	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4	5.1	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8.1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1.7	U	1.7	4	5.1	ug/L
98-95-3	Nitrobenzene	1.7	U	1.7	4	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	4	5.1	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4	5.1	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2.1	U	2.1	4	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4	5.1	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8.1	10.1	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4	5.1	ug/L
106-47-8	4-Chloroaniline	2.6	U	2.6	4	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.9	U	1.9	4	5.1	ug/L
105-60-2	Caprolactam	3.5	U	3.5	8.1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4	5.1	ug/L
91-57-6	2-Methylnaphthalene	2.3	U	2.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MW-4	SDG No.:	BF101723
Lab Sample ID:	O4724-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
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
BF135809.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.8	U	5.8	8.1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	4	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4	5.1	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4	5.1	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4	5.1	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4	5.1	ug/L
208-96-8	Acenaphthylene	2.2	U	2.2	4	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4	5.1	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4	5.1	ug/L
83-32-9	Acenaphthene	1.7	U	1.7	4	5.1	ug/L
Total PAH	Total PAH	31.2	U	31.2	4	81.6	ug/L
51-28-5	2,4-Dinitrophenol	5.5	U	5.5	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	2.8	U	2.8	8.1	10.1	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.7	U	4.7	4	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	2.6	U	2.6	4	5.1	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	2.2	4	5.1	ug/L
86-73-7	Fluorene	2.1	U	2.1	4	5.1	ug/L
100-01-6	4-Nitroaniline	2.4	U	2.4	4	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8.1	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4	5.1	ug/L
103-33-3	Azobenzene	1.7	U	1.7	4	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4	5.1	ug/L
1912-24-9	Atrazine	3.5	U	3.5	4	5.1	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8.1	10.1	ug/L
85-01-8	Phenanthrene	2	U	2	4	5.1	ug/L
120-12-7	Anthracene	2.3	U	2.3	4	5.1	ug/L
86-74-8	Carbazole	1.7	U	1.7	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4	5.1	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MW-4	SDG No.:	BF101723
Lab Sample ID:	O4724-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
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
BF135809.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.6	U	6.6	8.1	10.1	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5.1	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	3.2	U	3.2	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5.1	ug/L
123-91-1	1,4-Dioxane	2.5	U	2.5	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	69.334		10-139		46	SPK: -150
13127-88-3	Phenol-d6	38.117		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	107.834		49-133		108	SPK: -100
321-60-8	2-Fluorobiphenyl	116.949		52-132		117	SPK: -100
118-79-6	2,4,6-Tribromophenol	167.995		32-145		112	SPK: -150
1718-51-0	Terphenyl-d14	99.457		36-145		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69526	6.734				
1146-65-2	Naphthalene-d8	254542	8.016				
15067-26-2	Acenaphthene-d10	119358	9.775				
1517-22-2	Phenanthrene-d10	213368	11.269				
1719-03-5	Chrysene-d12	159621	13.933				
1520-96-3	Perylene-d12	148287	15.41				



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Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MW-4	SDG No.:	BF101723
Lab Sample ID:	O4724-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
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
BF135809.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	20.4	A			4.946	
000107-70-0	2-Pentanone, 4-methoxy-4-methyl-	2.1	J			5.757	
000057-10-3	n-Hexadecanoic acid	9.7	J			11.804	
000544-63-8	Tetradecanoic acid	4	J			12.592	

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MW-2	SDG No.:	BF101723
Lab Sample ID:	O4724-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
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
BF135810.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.1	U	2.1	8.2	10.3	ug/L
110-86-1	Pyridine	1.8	U	1.8	4.1	5.2	ug/L
100-52-7	Benzaldehyde	3.4	U	3.4	8.2	10.3	ug/L
62-53-3	Aniline	2.5	U	2.5	4.1	5.2	ug/L
108-95-2	Phenol	1.5	U	1.5	4.1	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4.1	5.2	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4.1	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4.1	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	1.8	U	1.8	4.1	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	1.5	U	1.5	4.1	5.2	ug/L
100-51-6	Benzyl Alcohol	2.5	U	2.5	8.2	10.3	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4.1	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4.1	5.2	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4.1	5.2	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8.2	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1.7	U	1.7	4.1	5.2	ug/L
98-95-3	Nitrobenzene	1.8	U	1.8	4.1	5.2	ug/L
78-59-1	Isophorone	1.8	U	1.8	4.1	5.2	ug/L
88-75-5	2-Nitrophenol	2.5	U	2.5	4.1	5.2	ug/L
105-67-9	2,4-Dimethylphenol	3.1	U	3.1	4.1	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2.1	U	2.1	4.1	5.2	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4.1	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.8	U	1.8	4.1	5.2	ug/L
65-85-0	Benzoic acid	6.9	U	6.9	8.2	10.3	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4.1	5.2	ug/L
106-47-8	4-Chloroaniline	2.6	U	2.6	4.1	5.2	ug/L
87-68-3	Hexachlorobutadiene	2	U	2	4.1	5.2	ug/L
105-60-2	Caprolactam	3.5	U	3.5	8.2	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4.1	5.2	ug/L
91-57-6	2-Methylnaphthalene	2.3	U	2.3	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MW-2	SDG No.:	BF101723
Lab Sample ID:	O4724-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
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
BF135810.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.9	U	5.9	8.2	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	1.6	U	1.6	4.1	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4.1	5.2	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4.1	5.2	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4.1	5.2	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4.1	5.2	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4.1	5.2	ug/L
208-96-8	Acenaphthylene	2.2	U	2.2	4.1	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	2.2	U	2.2	4.1	5.2	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4.1	5.2	ug/L
83-32-9	Acenaphthene	1.8	U	1.8	4.1	5.2	ug/L
Total PAH	Total PAH	31.8	U	31.8	4.1	83.2	ug/L
51-28-5	2,4-Dinitrophenol	5.6	U	5.6	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	2.9	U	2.9	8.2	10.3	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4.1	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	2.6	U	2.6	4.1	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.8	U	4.8	4.1	10.4	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4.1	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.3	U	2.3	4.1	5.2	ug/L
86-73-7	Fluorene	2.1	U	2.1	4.1	5.2	ug/L
100-01-6	4-Nitroaniline	2.4	U	2.4	4.1	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.9	U	1.9	8.2	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4.1	5.2	ug/L
103-33-3	Azobenzene	1.7	U	1.7	4.1	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4.1	5.2	ug/L
118-74-1	Hexachlorobenzene	2	U	2	4.1	5.2	ug/L
1912-24-9	Atrazine	3.6	U	3.6	4.1	5.2	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8.2	10.3	ug/L
85-01-8	Phenanthrene	2.1	U	2.1	4.1	5.2	ug/L
120-12-7	Anthracene	2.4	U	2.4	4.1	5.2	ug/L
86-74-8	Carbazole	1.8	U	1.8	4.1	5.2	ug/L
84-74-2	Di-n-butylphthalate	2.5	U	2.5	4.1	5.2	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MW-2	SDG No.:	BF101723
Lab Sample ID:	O4724-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
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
BF135810.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.8	U	6.8	8.2	10.3	ug/L
129-00-0	Pyrene	1.9	U	1.9	4.1	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.9	U	2.9	4.1	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	5.5	U	5.5	8.2	10.3	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4.1	5.2	ug/L
218-01-9	Chrysene	1.6	U	1.6	4.1	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	4.1	5.2	ug/L
117-84-0	Di-n-octyl phthalate	3.2	U	3.2	8.2	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4.1	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4.1	5.2	ug/L
50-32-8	Benzo(a)pyrene	2.8	U	2.8	4.1	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.2	U	2.2	4.1	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4.1	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	2	U	2	4.1	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4.1	5.2	ug/L
123-91-1	1,4-Dioxane	2.5	U	2.5	4.1	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	4.1	5.2	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4.1	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	68.563		10-139		46	SPK: -150
13127-88-3	Phenol-d6	41.742		10-134		28	SPK: -150
4165-60-0	Nitrobenzene-d5	103.31		49-133		103	SPK: -100
321-60-8	2-Fluorobiphenyl	110.106		52-132		110	SPK: -100
118-79-6	2,4,6-Tribromophenol	144.75		32-145		96	SPK: -150
1718-51-0	Terphenyl-d14	99.121		36-145		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77868	6.734				
1146-65-2	Naphthalene-d8	296225	8.016				
15067-26-2	Acenaphthene-d10	139524	9.775				
1517-22-2	Phenanthrene-d10	231668	11.269				
1719-03-5	Chrysene-d12	174412	13.933				
1520-96-3	Perylene-d12	162145	15.41				



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

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MW-2	SDG No.:	BF101723
Lab Sample ID:	O4724-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
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
BF135810.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	20.6	A			4.951	
000057-10-3	n-Hexadecanoic acid	5.5	J			11.804	

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MW-1	SDG No.:	BF101723
Lab Sample ID:	O4724-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
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
BF135811.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.1	U	2.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.8	U	1.8	4.1	5.1	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8.2	10.2	ug/L
62-53-3	Aniline	2.5	U	2.5	4.1	5.1	ug/L
108-95-2	Phenol	1.5	U	1.5	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	1.8	U	1.8	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	1.5	U	1.5	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	2.4	U	2.4	8.2	10.2	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4.1	5.1	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1.7	U	1.7	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.8	U	1.8	4.1	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2.1	U	2.1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4.1	5.1	ug/L
65-85-0	Benzoic acid	6.8	U	6.8	8.2	10.2	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	2.6	U	2.6	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	2	U	2	4.1	5.1	ug/L
105-60-2	Caprolactam	3.5	U	3.5	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	2.3	U	2.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MW-1	SDG No.:	BF101723
Lab Sample ID:	O4724-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
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
BF135811.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.9	U	5.9	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	1.6	U	1.6	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4.1	5.1	ug/L
208-96-8	Acenaphthylene	2.2	U	2.2	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	1.8	U	1.8	4.1	5.1	ug/L
Total PAH	Total PAH	31.5	U	31.5	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	5.6	U	5.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2.9	U	2.9	8.2	10.2	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.7	U	4.7	4.1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	2.6	U	2.6	4.1	5.1	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.3	U	2.3	4.1	5.1	ug/L
86-73-7	Fluorene	2.1	U	2.1	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.4	U	2.4	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4.1	5.1	ug/L
103-33-3	Azobenzene	1.7	U	1.7	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4.1	5.1	ug/L
1912-24-9	Atrazine	3.6	U	3.6	4.1	5.1	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8.2	10.2	ug/L
85-01-8	Phenanthrene	2	U	2	4.1	5.1	ug/L
120-12-7	Anthracene	2.3	U	2.3	4.1	5.1	ug/L
86-74-8	Carbazole	1.7	U	1.7	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4.1	5.1	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MW-1	SDG No.:	BF101723
Lab Sample ID:	O4724-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
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
BF135811.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.7	U	6.7	8.2	10.2	ug/L
129-00-0	Pyrene	1.9	U	1.9	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.9	U	2.9	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	5.5	U	5.5	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4.1	5.1	ug/L
218-01-9	Chrysene	1.6	U	1.6	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	3.2	U	3.2	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	2.8	U	2.8	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	2	U	2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	2.5	U	2.5	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	73.584		10-139		49	SPK: -150
13127-88-3	Phenol-d6	42.521		10-134		28	SPK: -150
4165-60-0	Nitrobenzene-d5	110.753		49-133		111	SPK: -100
321-60-8	2-Fluorobiphenyl	113.733		52-132		114	SPK: -100
118-79-6	2,4,6-Tribromophenol	150.472		32-145		100	SPK: -150
1718-51-0	Terphenyl-d14	102.232		36-145		102	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75144	6.739				
1146-65-2	Naphthalene-d8	283291	8.016				
15067-26-2	Acenaphthene-d10	130354	9.774				
1517-22-2	Phenanthrene-d10	214009	11.269				
1719-03-5	Chrysene-d12	155323	13.933				
1520-96-3	Perylene-d12	151547	15.415				

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MW-1	SDG No.:	BF101723
Lab Sample ID:	O4724-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
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
BF135811.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	23.2	A			4.951	
000638-53-9	Tridecanoic acid	6.9	J			11.804	
000112-37-8	Undecanoic acid	2.8	J			12.598	
010192-32-2	1-Tetracosene	2.6	J			13.845	

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MW-2A	SDG No.:	BF101723
Lab Sample ID:	O4724-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
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
BF135812.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.1	U	2.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.8	U	1.8	4.1	5.1	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8.2	10.2	ug/L
62-53-3	Aniline	2.5	U	2.5	4.1	5.1	ug/L
108-95-2	Phenol	1.5	U	1.5	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	1.8	U	1.8	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	1.5	U	1.5	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	2.4	U	2.4	8.2	10.2	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4.1	5.1	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1.7	U	1.7	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.8	U	1.8	4.1	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2.1	U	2.1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4.1	5.1	ug/L
65-85-0	Benzoic acid	6.8	U	6.8	8.2	10.2	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	2.6	U	2.6	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	2	U	2	4.1	5.1	ug/L
105-60-2	Caprolactam	3.5	U	3.5	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	2.3	U	2.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MW-2A	SDG No.:	BF101723
Lab Sample ID:	O4724-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
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
BF135812.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.9	U	5.9	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	1.6	U	1.6	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4.1	5.1	ug/L
208-96-8	Acenaphthylene	2.2	U	2.2	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	1.8	U	1.8	4.1	5.1	ug/L
Total PAH	Total PAH	31.5	U	31.5	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	5.6	U	5.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2.9	U	2.9	8.2	10.2	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.7	U	4.7	4.1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	2.6	U	2.6	4.1	5.1	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.3	U	2.3	4.1	5.1	ug/L
86-73-7	Fluorene	2.1	U	2.1	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.4	U	2.4	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4.1	5.1	ug/L
103-33-3	Azobenzene	1.7	U	1.7	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4.1	5.1	ug/L
1912-24-9	Atrazine	3.6	U	3.6	4.1	5.1	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8.2	10.2	ug/L
85-01-8	Phenanthrene	2	U	2	4.1	5.1	ug/L
120-12-7	Anthracene	2.3	U	2.3	4.1	5.1	ug/L
86-74-8	Carbazole	1.7	U	1.7	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4.1	5.1	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MW-2A	SDG No.:	BF101723
Lab Sample ID:	O4724-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
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
BF135812.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.7	U	6.7	8.2	10.2	ug/L
129-00-0	Pyrene	1.9	U	1.9	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.9	U	2.9	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	5.5	U	5.5	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4.1	5.1	ug/L
218-01-9	Chrysene	1.6	U	1.6	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	3.2	U	3.2	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	2.8	U	2.8	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	2	U	2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	2.5	U	2.5	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	65.321		10-139		44	SPK: -150
13127-88-3	Phenol-d6	38.804		10-134		26	SPK: -150
4165-60-0	Nitrobenzene-d5	109.682		49-133		110	SPK: -100
321-60-8	2-Fluorobiphenyl	108.908		52-132		109	SPK: -100
118-79-6	2,4,6-Tribromophenol	149.933		32-145		100	SPK: -150
1718-51-0	Terphenyl-d14	95.578		36-145		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82658	6.734				
1146-65-2	Naphthalene-d8	276750	8.016				
15067-26-2	Acenaphthene-d10	131657	9.774				
1517-22-2	Phenanthrene-d10	233774	11.268				
1719-03-5	Chrysene-d12	171177	13.933				
1520-96-3	Perylene-d12	168593	15.409				



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Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	MW-2A	SDG No.:	BF101723
Lab Sample ID:	O4724-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
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
BF135812.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	21.5	A			4.951	
000638-53-9	Tridecanoic acid	4.4	J			11.804	
000295-65-8	Cyclohexadecane	2.2	J			12.515	
000544-63-8	Tetradecanoic acid	2.1	J			12.592	

Report of Analysis

Client:		Date Collected:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	MW-7	SDG No.:	BF101723
Lab Sample ID:	O4723-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
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
BF135813.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

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:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	MW-7	SDG No.:	BF101723
Lab Sample ID:	O4723-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
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
BF135813.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

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:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	MW-7	SDG No.:	BF101723
Lab Sample ID:	O4723-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
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
BF135813.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

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	65.661		10-139		44	SPK: -150
13127-88-3	Phenol-d6	37.894		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	105.142		49-133		105	SPK: -100
321-60-8	2-Fluorobiphenyl	105.995		52-132		106	SPK: -100
118-79-6	2,4,6-Tribromophenol	154.824		32-145		103	SPK: -150
1718-51-0	Terphenyl-d14	98.288		36-145		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85140	6.734				
1146-65-2	Naphthalene-d8	296801	8.016				
15067-26-2	Acenaphthene-d10	139798	9.775				
1517-22-2	Phenanthrene-d10	257500	11.269				
1719-03-5	Chrysene-d12	164264	13.933				
1520-96-3	Perylene-d12	160423	15.41				



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Report of Analysis

Client:		Date Collected:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	MW-7	SDG No.:	BF101723
Lab Sample ID:	O4723-04	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
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
BF135813.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	19.4	A			4.951	
000057-10-3	n-Hexadecanoic acid	2.6	J			11.804	

Report of Analysis

Client:		Date Collected:	10/11/2023 12:00:00 AM
Project:		Date Received:	10/11/2023 12:00:00 AM
Client Sample ID:	PB156288BL	SDG No.:	BF101723
Lab Sample ID:	PB156288BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF135816.D	1	10/11/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	77.3	U	77.3	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	89.8	U	89.8	130	170	ug/Kg
95-57-8	2-Chlorophenol	72	U	72	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	81.7	U	81.7	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	88.5	U	88.5	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	82.4	U	82.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	98.8	U	98.8	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	86.7	U	86.7	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	80	80	ug/Kg
67-72-1	Hexachloroethane	73.6	U	73.6	130	170	ug/Kg
98-95-3	Nitrobenzene	75.2	U	75.2	130	170	ug/Kg
78-59-1	Isophorone	68.1	U	68.1	130	170	ug/Kg
88-75-5	2-Nitrophenol	95.1	U	95.1	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	99.6	U	99.6	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	78.1	U	78.1	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	77.5	U	77.5	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	81.4	U	81.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	84	U	84	130	170	ug/Kg
105-60-2	Caprolactam	120	U	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.5	U	82.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	94.9	U	94.9	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/11/2023 12:00:00 AM
Project:		Date Received:	10/11/2023 12:00:00 AM
Client Sample ID:	PB156288BL	SDG No.:	BF101723
Lab Sample ID:	PB156288BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF135816.D	1	10/11/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156288

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	77.1	U	77.1	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.9	U	87.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	91.3	U	91.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	84.6	U	84.6	130	170	ug/Kg
88-74-4	2-Nitroaniline	99.3	U	99.3	130	170	ug/Kg
131-11-3	Dimethylphthalate	88.9	U	88.9	130	170	ug/Kg
208-96-8	Acenaphthylene	88.4	U	88.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	90	U	90	130	170	ug/Kg
99-09-2	3-Nitroaniline	93.4	U	93.4	130	170	ug/Kg
83-32-9	Acenaphthene	80.3	U	80.3	130	170	ug/Kg
Total PAH	Total PAH	1438.1	U	1438.1	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	76.9	U	76.9	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	189.9	U	189.9	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.9	U	99.9	130	170	ug/Kg
84-66-2	Diethylphthalate	85.9	U	85.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.4	U	90.4	130	170	ug/Kg
86-73-7	Fluorene	84.8	U	84.8	130	170	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.8	U	87.8	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.3	U	93.3	130	170	ug/Kg
103-33-3	Azobenzene	73.5	U	73.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.4	U	97.4	130	170	ug/Kg
118-74-1	Hexachlorobenzene	98.8	U	98.8	130	170	ug/Kg
1912-24-9	Atrazine	95.4	U	95.4	130	170	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	270	330	ug/Kg
85-01-8	Phenanthrene	92.7	U	92.7	130	170	ug/Kg
120-12-7	Anthracene	100	U	100	130	170	ug/Kg
86-74-8	Carbazole	84.9	U	84.9	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	130	170	ug/Kg
206-44-0	Fluoranthene	94.4	U	94.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/11/2023 12:00:00 AM
Project:		Date Received:	10/11/2023 12:00:00 AM
Client Sample ID:	PB156288BL	SDG No.:	BF101723
Lab Sample ID:	PB156288BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
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
BF135816.D	1	10/11/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156288

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	83.7	U	83.7	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	83.9	U	83.9	130	170	ug/Kg
218-01-9	Chrysene	86.8	U	86.8	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	80.3	U	80.3	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	88.1	U	88.1	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	94.3	U	94.3	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	96.5	U	96.5	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.5	U	92.5	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.4	U	89.4	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	82.9	U	82.9	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	90.2	U	90.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	126.492		18-112		84	SPK: -150
13127-88-3	Phenol-d6	133.501		15-107		89	SPK: -150
4165-60-0	Nitrobenzene-d5	89.751		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	87.385		20-109		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	149.667		10-110		100	SPK: -150
1718-51-0	Terphenyl-d14	84.339		14-112		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102805	6.734				
1146-65-2	Naphthalene-d8	404715	8.017				
15067-26-2	Acenaphthene-d10	214760	9.775				
1517-22-2	Phenanthrene-d10	432903	11.269				
1719-03-5	Chrysene-d12	322759	13.94				
1520-96-3	Perylene-d12	300294	15.41				



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

Report of Analysis

Client:		Date Collected:	10/11/2023 12:00:00 AM
Project:		Date Received:	10/11/2023 12:00:00 AM
Client Sample ID:	PB156288BL	SDG No.:	BF101723
Lab Sample ID:	PB156288BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	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
BF135816.D	1	10/11/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156288

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown1.105	35200	J			1.105	
000077-76-9	Propane, 2,2-dimethoxy-	920	J			1.735	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	1100	A			4.982	

Report of Analysis

Client:		Date Collected:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	MW-6A	SDG No.:	BF101723
Lab Sample ID:	O4723-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
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
BF135817.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

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	13.5		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	18.3		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	7.5		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	200	E	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	36.4		2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	MW-6A	SDG No.:	BF101723
Lab Sample ID:	O4723-03	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
BF135817.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

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	200	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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.6	U	4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	2.5	U	2.5	4	5	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:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	MW-6A	SDG No.:	BF101723
Lab Sample ID:	O4723-03	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
BF135817.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

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	21.5		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	1.657	*	10-139		1	SPK: -150
13127-88-3	Phenol-d6	32.679		10-134		22	SPK: -150
4165-60-0	Nitrobenzene-d5	97.338		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	94.087		52-132		94	SPK: -100
118-79-6	2,4,6-Tribromophenol	141.927		32-145		95	SPK: -150
1718-51-0	Terphenyl-d14	104.411		36-145		104	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85192	6.739				
1146-65-2	Naphthalene-d8	312617	8.022				
15067-26-2	Acenaphthene-d10	168626	9.775				
1517-22-2	Phenanthrene-d10	300159	11.269				
1719-03-5	Chrysene-d12	175672	13.939				
1520-96-3	Perylene-d12	183034	15.41				

Report of Analysis

Client:		Date Collected:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	MW-6A	SDG No.:	BF101723
Lab Sample ID:	O4723-03	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
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
BF135817.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000103-65-1	Benzene, propyl-	10.8	J			6.198	
000611-14-3	Benzene, 1-ethyl-2-methyl-	28.5	J			6.275	
000622-96-8	Benzene, 1-ethyl-4-methyl-	14.9	J			6.304	
000526-73-8	Benzene, 1,2,3-trimethyl-	14.7	J			6.345	
000620-14-4	Benzene, 1-ethyl-3-methyl-	20	J			6.798	
000496-11-7	Indane	21	J			6.922	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	2.9	J			7.504	
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	3.5	J			7.528	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	7.5	J			7.751	
000120-55-8	Diethylene glycol dibenzoate	20	J			13.792	

Report of Analysis

Client:		Date Collected:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	MW-5B	SDG No.:	BF101723
Lab Sample ID:	O4723-02	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
BF135818.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

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	61.6		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	4.5	J	2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	MW-5B	SDG No.:	BF101723
Lab Sample ID:	O4723-02	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
BF135818.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

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	61.6	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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.6	U	4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	2.5	U	2.5	4	5	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:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	MW-5B	SDG No.:	BF101723
Lab Sample ID:	O4723-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
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
BF135818.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

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	39.8		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	62.07		10-139		41	SPK: -150
13127-88-3	Phenol-d6	35.134		10-134		23	SPK: -150
4165-60-0	Nitrobenzene-d5	92.826		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	100.216		52-132		100	SPK: -100
118-79-6	2,4,6-Tribromophenol	150.883		32-145		101	SPK: -150
1718-51-0	Terphenyl-d14	96.167		36-145		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82355	6.74				
1146-65-2	Naphthalene-d8	301192	8.016				
15067-26-2	Acenaphthene-d10	152339	9.775				
1517-22-2	Phenanthrene-d10	299651	11.269				
1719-03-5	Chrysene-d12	185434	13.933				
1520-96-3	Perylene-d12	164605	15.415				

Report of Analysis

Client:		Date Collected:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	MW-5B	SDG No.:	BF101723
Lab Sample ID:	O4723-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
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
BF135818.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
020198-49-6	2-Hexyne, 4-methyl-	29.6	J			2.299	
001528-22-9	Cyclobutane, (1-methylethylidene)-	28.1	J			3.399	
000473-91-6	Cyclopentene, 1,2,3-trimethyl-	38.1	J			4.463	
000108-38-3	Benzene, 1,3-dimethyl-	180	J			5.587	
000103-65-1	Benzene, propyl-	130	J			6.198	
000611-14-3	Benzene, 1-ethyl-2-methyl-	63.6	J			6.263	
000622-96-8	Benzene, 1-ethyl-4-methyl-	120	J			6.293	
000526-73-8	Benzene, 1,2,3-trimethyl-	32	J			6.34	
000620-14-4	Benzene, 1-ethyl-3-methyl-	470	J			6.575	
000496-11-7	Indane	120	J			6.916	
000141-93-5	Benzene, 1,3-diethyl-	80.2	J			6.981	
002783-26-8	2-Tolyloxirane	88.6	J			7.051	
001074-17-5	Benzene, 1-methyl-2-propyl-	54.1	J			7.128	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	110	J			7.198	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	87.8	J			7.228	
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	38.3	J			7.757	

Report of Analysis

Client:		Date Collected:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	A-2	SDG No.:	BF101723
Lab Sample ID:	O4895-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
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
BF135819.D	1	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	92	U	92	320	390	ug/Kg
110-86-1	Pyridine	86.2	U	86.2	150	200	ug/Kg
100-52-7	Benzaldehyde	180	U	180	320	390	ug/Kg
62-53-3	Aniline	140	U	140	150	200	ug/Kg
108-95-2	Phenol	88.5	U	88.5	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	150	200	ug/Kg
95-57-8	2-Chlorophenol	85.7	U	85.7	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	97.2	U	97.2	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	98.1	U	98.1	150	200	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	320	390	ug/Kg
95-48-7	2-Methylphenol	140	U	140	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	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	70.2	U	70.2	95.2	95.2	ug/Kg
67-72-1	Hexachloroethane	87.6	U	87.6	150	200	ug/Kg
98-95-3	Nitrobenzene	89.5	U	89.5	150	200	ug/Kg
78-59-1	Isophorone	81	U	81	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	93	U	93	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	92.2	U	92.2	150	200	ug/Kg
65-85-0	Benzoic acid	250	U	250	320	390	ug/Kg
91-20-3	Naphthalene	96.9	U	96.9	150	200	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	150	200	ug/Kg
105-60-2	Caprolactam	140	U	140	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98.2	U	98.2	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	A-2	SDG No.:	BF101723
Lab Sample ID:	O4895-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
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
BF135819.D	1	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

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	91.8	U	91.8	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	100	U	100	150	200	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	150	200	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	150	200	ug/Kg
208-96-8	Acenaphthylene	110	U	110	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	95.6	U	95.6	150	200	ug/Kg
Total PAH	Total PAH	1697.6	U	1697.6	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	91.5	U	91.5	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	150	400	ug/Kg
84-66-2	Diethylphthalate	100	U	100	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	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	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	200	ug/Kg
103-33-3	Azobenzene	87.5	U	87.5	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	150	200	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	320	390	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	100	U	100	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:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	A-2	SDG No.:	BF101723
Lab Sample ID:	O4895-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
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
BF135819.D	1	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

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	99.6	U	99.6	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	99.9	U	99.9	150	200	ug/Kg
218-01-9	Chrysene	100	U	100	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	95.6	U	95.6	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	130	U	130	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	110	U	110	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	98.7	U	98.7	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.049		18-112		61	SPK: -150
13127-88-3	Phenol-d6	88.427		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	59.944		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	63.012		20-109		63	SPK: -100
118-79-6	2,4,6-Tribromophenol	98.168		10-110		65	SPK: -150
1718-51-0	Terphenyl-d14	65.878		14-112		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85266	6.739				
1146-65-2	Naphthalene-d8	321422	8.016				
15067-26-2	Acenaphthene-d10	164961	9.774				
1517-22-2	Phenanthrene-d10	344050	11.268				
1719-03-5	Chrysene-d12	217387	13.939				
1520-96-3	Perylene-d12	192856	15.415				



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

Report of Analysis

Client:		Date Collected:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	A-2	SDG No.:	BF101723
Lab Sample ID:	O4895-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
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
BF135819.D	1	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	870	A			4.957	
000057-10-3	n-Hexadecanoic acid	280	J			11.804	
018835-32-0	1-Tricosene	140	J			13.827	
007683-64-9	Supraene	160	J			14.768	

Report of Analysis

Client:		Date Collected:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	A-1	SDG No.:	BF101723
Lab Sample ID:	O4895-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.9
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
BF135820.D	1	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	90.7	U	90.7	320	390	ug/Kg
110-86-1	Pyridine	85	U	85	150	200	ug/Kg
100-52-7	Benzaldehyde	170	U	170	320	390	ug/Kg
62-53-3	Aniline	140	U	140	150	200	ug/Kg
108-95-2	Phenol	87.3	U	87.3	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	150	200	ug/Kg
95-57-8	2-Chlorophenol	84.5	U	84.5	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	95.9	U	95.9	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	96.7	U	96.7	150	200	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	320	390	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	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	69.3	U	69.3	93.9	93.9	ug/Kg
67-72-1	Hexachloroethane	86.4	U	86.4	150	200	ug/Kg
98-95-3	Nitrobenzene	88.3	U	88.3	150	200	ug/Kg
78-59-1	Isophorone	79.9	U	79.9	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	91.7	U	91.7	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	91	U	91	150	200	ug/Kg
65-85-0	Benzoic acid	250	U	250	320	390	ug/Kg
91-20-3	Naphthalene	95.6	U	95.6	150	200	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	98.6	U	98.6	150	200	ug/Kg
105-60-2	Caprolactam	140	U	140	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96.8	U	96.8	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	A-1	SDG No.:	BF101723
Lab Sample ID:	O4895-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.9
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
BF135820.D	1	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

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	90.5	U	90.5	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	99.3	U	99.3	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	110	U	110	150	200	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	200	ug/Kg
83-32-9	Acenaphthene	94.3	U	94.3	150	200	ug/Kg
Total PAH	Total PAH	1680.5	U	1680.5	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	320	390	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	320	390	ug/Kg
132-64-9	Dibenzofuran	90.3	U	90.3	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	150	400	ug/Kg
84-66-2	Diethylphthalate	100	U	100	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	150	200	ug/Kg
86-73-7	Fluorene	99.5	U	99.5	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	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	200	ug/Kg
103-33-3	Azobenzene	86.3	U	86.3	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	200	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	320	390	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	99.7	U	99.7	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:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	A-1	SDG No.:	BF101723
Lab Sample ID:	O4895-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.9
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
BF135820.D	1	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

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	98.3	U	98.3	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	190	U	190	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	98.5	U	98.5	150	200	ug/Kg
218-01-9	Chrysene	100	U	100	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	94.3	U	94.3	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	130	U	130	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	97.3	U	97.3	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	178.323	*	18-112		119	SPK: -150
13127-88-3	Phenol-d6	179.239	*	15-107		119	SPK: -150
4165-60-0	Nitrobenzene-d5	129.637	*	18-107		130	SPK: -100
321-60-8	2-Fluorobiphenyl	114.155	*	20-109		114	SPK: -100
118-79-6	2,4,6-Tribromophenol	196.557	*	10-110		131	SPK: -150
1718-51-0	Terphenyl-d14	115.419	*	14-112		115	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74800	6.74				
1146-65-2	Naphthalene-d8	270801	8.016				
15067-26-2	Acenaphthene-d10	138506	9.775				
1517-22-2	Phenanthrene-d10	275037	11.269				
1719-03-5	Chrysene-d12	181279	13.933				
1520-96-3	Perylene-d12	159389	15.41				

Report of Analysis

Client:		Date Collected:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	A-1	SDG No.:	BF101723
Lab Sample ID:	O4895-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.9
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
BF135820.D	1	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown4.963	1800	J			4.963	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	110	J			6.598	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	330	J			9.21	
000057-10-3	n-Hexadecanoic acid	490	J			11.804	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	86.1	J			12.369	
000057-11-4	Octadecanoic acid	120	J			12.592	
006222-06-6	Pentafluoropropionic acid, tetra	290	J			13.827	

Report of Analysis

Client:		Date Collected:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	MW-4B	SDG No.:	BF101723
Lab Sample ID:	O4723-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
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
BF135821.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2.1	U	2.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.8	U	1.8	4.1	5.1	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8.2	10.2	ug/L
62-53-3	Aniline	2.5	U	2.5	4.1	5.1	ug/L
108-95-2	Phenol	1.5	U	1.5	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	1.8	U	1.8	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	1.5	U	1.5	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	2.4	U	2.4	8.2	10.2	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4.1	5.1	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1.7	U	1.7	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.8	U	1.8	4.1	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2.1	U	2.1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4.1	5.1	ug/L
65-85-0	Benzoic acid	6.8	U	6.8	8.2	10.2	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	2.6	U	2.6	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	2	U	2	4.1	5.1	ug/L
105-60-2	Caprolactam	3.5	U	3.5	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	2.3	U	2.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	MW-4B	SDG No.:	BF101723
Lab Sample ID:	O4723-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
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
BF135821.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.9	U	5.9	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	1.6	U	1.6	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4.1	5.1	ug/L
208-96-8	Acenaphthylene	2.2	U	2.2	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	1.8	U	1.8	4.1	5.1	ug/L
Total PAH	Total PAH	31.5	U	31.5	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	5.6	U	5.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2.9	U	2.9	8.2	10.2	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.7	U	4.7	4.1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	2.6	U	2.6	4.1	5.1	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.3	U	2.3	4.1	5.1	ug/L
86-73-7	Fluorene	2.1	U	2.1	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.4	U	2.4	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4.1	5.1	ug/L
103-33-3	Azobenzene	1.7	U	1.7	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4.1	5.1	ug/L
1912-24-9	Atrazine	3.6	U	3.6	4.1	5.1	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8.2	10.2	ug/L
85-01-8	Phenanthrene	2	U	2	4.1	5.1	ug/L
120-12-7	Anthracene	2.3	U	2.3	4.1	5.1	ug/L
86-74-8	Carbazole	1.7	U	1.7	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4.1	5.1	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	MW-4B	SDG No.:	BF101723
Lab Sample ID:	O4723-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
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
BF135821.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.7	U	6.7	8.2	10.2	ug/L
129-00-0	Pyrene	1.9	U	1.9	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.9	U	2.9	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	5.5	U	5.5	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4.1	5.1	ug/L
218-01-9	Chrysene	1.6	U	1.6	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	3.2	U	3.2	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	2.8	U	2.8	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	2	U	2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	2.5	U	2.5	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	56.256		10-139		38	SPK: -150
13127-88-3	Phenol-d6	31.247		10-134		21	SPK: -150
4165-60-0	Nitrobenzene-d5	96.233		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	93.551		52-132		94	SPK: -100
118-79-6	2,4,6-Tribromophenol	142.59		32-145		95	SPK: -150
1718-51-0	Terphenyl-d14	103.491		36-145		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95866	6.734				
1146-65-2	Naphthalene-d8	372589	8.016				
15067-26-2	Acenaphthene-d10	195639	9.775				
1517-22-2	Phenanthrene-d10	360567	11.269				
1719-03-5	Chrysene-d12	210797	13.933				
1520-96-3	Perylene-d12	195369	15.41				



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

Report of Analysis

Client:		Date Collected:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	MW-4B	SDG No.:	BF101723
Lab Sample ID:	O4723-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
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
BF135821.D	1	10/4/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156118

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	18.3	A			4.952	
000640-61-9	Benzenesulfonamide, N,4-dimethyl-	2.1	J			10.698	
000057-10-3	n-Hexadecanoic acid	3.9	J			11.804	
007225-68-5	Dodecane, 1-cyclopentyl-4-(3-cyclo	2.1	J			13.845	

Report of Analysis

Client:		Date Collected:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	BW1D	SDG No.:	BF101723
Lab Sample ID:	O4740-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
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
BF135822.D	1	10/6/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156184

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:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	BW1D	SDG No.:	BF101723
Lab Sample ID:	O4740-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
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
BF135822.D	1	10/6/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156184

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:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	BW1D	SDG No.:	BF101723
Lab Sample ID:	O4740-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
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
BF135822.D	1	10/6/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156184

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	66.123		10-139		44	SPK: -150
13127-88-3	Phenol-d6	36.896		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	101.502		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	102.964		52-132		103	SPK: -100
118-79-6	2,4,6-Tribromophenol	156.254		32-145		104	SPK: -150
1718-51-0	Terphenyl-d14	112.039		36-145		112	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77843	6.74				
1146-65-2	Naphthalene-d8	294458	8.016				
15067-26-2	Acenaphthene-d10	147965	9.775				
1517-22-2	Phenanthrene-d10	281313	11.269				
1719-03-5	Chrysene-d12	153722	13.933				
1520-96-3	Perylene-d12	173538	15.41				

Report of Analysis

Client:		Date Collected:	10/3/2023 12:00:00 AM
Project:		Date Received:	10/3/2023 12:00:00 AM
Client Sample ID:	BW1D	SDG No.:	BF101723
Lab Sample ID:	O4740-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
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
BF135822.D	1	10/6/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156184

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.5	A			4.957	
000057-10-3	n-Hexadecanoic acid	9.6	J			11.804	
000544-63-8	Tetradecanoic acid	3.6	J			12.592	
000295-65-8	Cyclohexadecane	4.7	J			13.833	

Report of Analysis

Client:		Date Collected:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	222	SDG No.:	BF101723
Lab Sample ID:	O4878-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
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
BF135823.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156361

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	51.5	U	51.5	180	220	ug/Kg
110-86-1	Pyridine	48.2	U	48.2	86.6	110	ug/Kg
100-52-7	Benzaldehyde	98.6	U	98.6	180	220	ug/Kg
62-53-3	Aniline	78	U	78	86.6	110	ug/Kg
108-95-2	Phenol	49.6	U	49.6	86.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59.8	U	59.8	86.6	110	ug/Kg
95-57-8	2-Chlorophenol	48	U	48	86.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.4	U	54.4	86.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	59	U	59	86.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.9	U	54.9	86.6	110	ug/Kg
100-51-6	Benzyl Alcohol	65.8	U	65.8	180	220	ug/Kg
95-48-7	2-Methylphenol	76	U	76	86.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	86.6	110	ug/Kg
98-86-2	Acetophenone	57.8	U	57.8	86.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	72	U	72	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	39.3	U	39.3	53.3	53.3	ug/Kg
67-72-1	Hexachloroethane	49	U	49	86.6	110	ug/Kg
98-95-3	Nitrobenzene	50.1	U	50.1	86.6	110	ug/Kg
78-59-1	Isophorone	45.4	U	45.4	86.6	110	ug/Kg
88-75-5	2-Nitrophenol	63.4	U	63.4	86.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	66.4	U	66.4	86.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	74.6	U	74.6	86.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	52	U	52	86.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.6	U	51.6	86.6	110	ug/Kg
65-85-0	Benzoic acid	140	U	140	180	220	ug/Kg
91-20-3	Naphthalene	54.2	U	54.2	86.6	110	ug/Kg
106-47-8	4-Chloroaniline	70	U	70	86.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	86.6	110	ug/Kg
105-60-2	Caprolactam	78	U	78	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	86.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	63.2	U	63.2	86.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	222	SDG No.:	BF101723
Lab Sample ID:	O4878-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
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
BF135823.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156361

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	51.4	U	51.4	86.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58.6	U	58.6	86.6	110	ug/Kg
92-52-4	1,1-Biphenyl	60.8	U	60.8	86.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.4	U	56.4	86.6	110	ug/Kg
88-74-4	2-Nitroaniline	66.2	U	66.2	86.6	110	ug/Kg
131-11-3	Dimethylphthalate	59.2	U	59.2	86.6	110	ug/Kg
208-96-8	Acenaphthylene	58.9	U	58.9	86.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	60	86.6	110	ug/Kg
99-09-2	3-Nitroaniline	62.2	U	62.2	86.6	110	ug/Kg
83-32-9	Acenaphthene	53.5	U	53.5	86.6	110	ug/Kg
Total PAH	Total PAH	957.5	U	957.5	86.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	76	U	76	180	220	ug/Kg
132-64-9	Dibenzofuran	51.2	U	51.2	86.6	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	66.6	U	66.6	86.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	26.6	U	126.6	86.6	220	ug/Kg
84-66-2	Diethylphthalate	57.2	U	57.2	86.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.2	U	60.2	86.6	110	ug/Kg
86-73-7	Fluorene	56.5	U	56.5	86.6	110	ug/Kg
100-01-6	4-Nitroaniline	69.3	U	69.3	86.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	58.5	U	58.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	62.2	U	62.2	86.6	110	ug/Kg
103-33-3	Azobenzene	49	U	49	86.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	64.9	U	64.9	86.6	110	ug/Kg
118-74-1	Hexachlorobenzene	65.8	U	65.8	86.6	110	ug/Kg
1912-24-9	Atrazine	63.6	U	63.6	86.6	110	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	180	220	ug/Kg
85-01-8	Phenanthrene	61.8	U	61.8	86.6	110	ug/Kg
120-12-7	Anthracene	68	U	68	86.6	110	ug/Kg
86-74-8	Carbazole	56.6	U	56.6	86.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	69.3	U	69.3	86.6	110	ug/Kg
206-44-0	Fluoranthene	62.9	U	62.9	86.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	222	SDG No.:	BF101723
Lab Sample ID:	O4878-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
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
BF135823.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156361

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	55.8	U	55.8	86.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	68.6	U	68.6	86.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	55.9	U	55.9	86.6	110	ug/Kg
218-01-9	Chrysene	57.8	U	57.8	86.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91.7	J	76.6	86.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	82	U	82	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	53.5	U	53.5	86.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	58.7	U	58.7	86.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.8	U	62.8	86.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	71.3	U	71.3	86.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64.3	U	64.3	86.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61.6	U	61.6	86.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.6	U	59.6	86.6	110	ug/Kg
123-91-1	1,4-Dioxane	78	U	78	86.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55.2	U	55.2	86.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	60.1	U	60.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	128.834		18-112		86	SPK: -150
13127-88-3	Phenol-d6	117.972		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	84.457		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	119.368	*	20-109		119	SPK: -100
118-79-6	2,4,6-Tribromophenol	107.604		10-110		72	SPK: -150
1718-51-0	Terphenyl-d14	52.651		14-112		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80756	6.74				
1146-65-2	Naphthalene-d8	293346	8.016				
15067-26-2	Acenaphthene-d10	89890	9.786				
1517-22-2	Phenanthrene-d10	56422	11.339				
1719-03-5	Chrysene-d12	113513	13.998				
1520-96-3	Perylene-d12	153978	15.451				

Report of Analysis

Client:		Date Collected:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	222	SDG No.:	BF101723
Lab Sample ID:	O4878-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
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
BF135823.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156361

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	340	A			4.957	
004810-04-2	Benzene, 1,3,5-trimethyl-2-propyl-	79.3	J			7.963	
035031-55-1	1-Propanone, 1-(2,4-dimethylphenyl	78.6	J			8.192	
	unknown8.298	100	J			8.298	
024949-42-6	6-Tridecene, 7-methyl-	160	J			8.545	
	unknown8.692	150	J			8.692	
	unknown8.751	150	J			8.751	
	unknown8.787	140	J			8.787	
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	120	J			8.839	
	unknown8.892	150	J			8.892	
017302-32-8	Nonane, 3,7-dimethyl-	150	J			9.039	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	250	J			9.169	
	unknown9.481	240	J			9.481	
1000432-25-9	3-Ethyl-2,6,10-trimethylundecane	270	J			9.51	
	unknown9.534	130	J			9.534	
	unknown9.592	82	J			9.592	
	unknown9.639	370	J			9.639	
	unknown9.686	450	J			9.686	
	unknown9.728	170	J			9.728	
1000406-39-0	Octyl tetracosyl ether	290	J			10.057	

Report of Analysis

Client:		Date Collected:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	72-11995	SDG No.:	BF101723
Lab Sample ID:	O4878-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.08	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
BF135824.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156361

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.4	U	52.4	180	220	ug/Kg
110-86-1	Pyridine	49.1	U	49.1	88.2	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	180	220	ug/Kg
62-53-3	Aniline	79.4	U	79.4	88.2	120	ug/Kg
108-95-2	Phenol	50.5	U	50.5	88.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60.9	U	60.9	88.2	120	ug/Kg
95-57-8	2-Chlorophenol	48.8	U	48.8	88.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.4	U	55.4	88.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60	U	60	88.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.9	U	55.9	88.2	120	ug/Kg
100-51-6	Benzyl Alcohol	67	U	67	180	220	ug/Kg
95-48-7	2-Methylphenol	77.3	U	77.3	88.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71.2	U	71.2	88.2	120	ug/Kg
98-86-2	Acetophenone	58.8	U	58.8	88.2	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	U	40	54.3	54.3	ug/Kg
67-72-1	Hexachloroethane	49.9	U	49.9	88.2	120	ug/Kg
98-95-3	Nitrobenzene	51	U	51	88.2	120	ug/Kg
78-59-1	Isophorone	46.2	U	46.2	88.2	120	ug/Kg
88-75-5	2-Nitrophenol	64.5	U	64.5	88.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	67.6	U	67.6	88.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	76	U	76	88.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53	U	53	88.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52.6	U	52.6	88.2	120	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	220	ug/Kg
91-20-3	Naphthalene	55.2	U	55.2	88.2	120	ug/Kg
106-47-8	4-Chloroaniline	71.2	U	71.2	88.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	88.2	120	ug/Kg
105-60-2	Caprolactam	79.4	U	79.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	88.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	64.4	U	64.4	88.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	72-11995	SDG No.:	BF101723
Lab Sample ID:	O4878-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.08	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
BF135824.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156361

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	52.3	U	52.3	88.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59.6	U	59.6	88.2	120	ug/Kg
92-52-4	1,1-Biphenyl	61.9	U	61.9	88.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.4	U	57.4	88.2	120	ug/Kg
88-74-4	2-Nitroaniline	67.4	U	67.4	88.2	120	ug/Kg
131-11-3	Dimethylphthalate	60.3	U	60.3	88.2	120	ug/Kg
208-96-8	Acenaphthylene	60	U	60	88.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	61.1	U	61.1	88.2	120	ug/Kg
99-09-2	3-Nitroaniline	63.4	U	63.4	88.2	120	ug/Kg
83-32-9	Acenaphthene	54.5	U	54.5	88.2	120	ug/Kg
Total PAH	Total PAH	6669.9	U	975.1	88.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.3	U	77.3	180	220	ug/Kg
132-64-9	Dibenzofuran	52.2	U	52.2	88.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	28.9	U	128.9	88.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	67.8	U	67.8	88.2	120	ug/Kg
84-66-2	Diethylphthalate	58.3	U	58.3	88.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61.3	U	61.3	88.2	120	ug/Kg
86-73-7	Fluorene	57.5	U	57.5	88.2	120	ug/Kg
100-01-6	4-Nitroaniline	70.6	U	70.6	88.2	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	63.3	U	63.3	88.2	120	ug/Kg
103-33-3	Azobenzene	49.9	U	49.9	88.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	66.1	U	66.1	88.2	120	ug/Kg
118-74-1	Hexachlorobenzene	67	U	67	88.2	120	ug/Kg
1912-24-9	Atrazine	64.7	U	64.7	88.2	120	ug/Kg
87-86-5	Pentachlorophenol	75.3	U	75.3	180	220	ug/Kg
85-01-8	Phenanthrene	570		62.9	88.2	120	ug/Kg
120-12-7	Anthracene	69.2	U	69.2	88.2	120	ug/Kg
86-74-8	Carbazole	75	J	57.6	88.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	70.6	U	70.6	88.2	120	ug/Kg
206-44-0	Fluoranthene	1300		64	88.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	72-11995	SDG No.:	BF101723
Lab Sample ID:	O4878-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.08	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
BF135824.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156361

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	830		56.8	88.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	69.9	U	69.9	88.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	590		56.9	88.2	120	ug/Kg
218-01-9	Chrysene	680		58.9	88.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	78	U	78	88.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	83.4	U	83.4	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	970		54.5	88.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	310		59.8	88.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	600		64	88.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	350		72.6	88.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99.9	J	65.5	88.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	370		62.8	88.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.7	U	60.7	88.2	120	ug/Kg
123-91-1	1,4-Dioxane	79.4	U	79.4	88.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56.2	U	56.2	88.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	61.2	U	61.2	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.477		18-112		70	SPK: -150
13127-88-3	Phenol-d6	104.127		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	64.068		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	70.076		20-109		70	SPK: -100
118-79-6	2,4,6-Tribromophenol	86.523		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	51.485		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77142	6.74				
1146-65-2	Naphthalene-d8	289707	8.016				
15067-26-2	Acenaphthene-d10	140877	9.775				
1517-22-2	Phenanthrene-d10	217959	11.275				
1719-03-5	Chrysene-d12	176498	13.939				
1520-96-3	Perylene-d12	214174	15.416				

Report of Analysis

Client:		Date Collected:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	72-11995	SDG No.:	BF101723
Lab Sample ID:	O4878-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.7
Sample Wt/Vol:	50.08	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
BF135824.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156361

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	300	A			4.963	
000832-69-9	Phenanthrene, 1-methyl-	270	J			11.81	
000629-94-7	Heneicosane	240	J			12.316	
000243-17-4	11H-Benzo[b]fluorene	49.5	J			13.063	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	61.7	J			13.686	
000479-79-8	11H-Benzo[a]fluoren-11-one	97	J			13.798	
201991-45-9	Pyrido[2,3-g]indole, 5-methoxy-2,3	96.1	J			14.833	
000192-97-2	Benzo[e]pyrene	130	J			15.098	
000198-55-0	Perylene	500	J			15.286	
000629-92-5	Nonadecane	91.1	J			15.851	

Report of Analysis

Client:		Date Collected:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	283	SDG No.:	BF101723
Lab Sample ID:	O4878-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.9
Sample Wt/Vol:	50.06	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
BF135825.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156361

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	60.9	U	60.9	210	260	ug/Kg
110-86-1	Pyridine	57	U	57	100	130	ug/Kg
100-52-7	Benzaldehyde	120	U	120	210	260	ug/Kg
62-53-3	Aniline	92.1	U	92.1	100	130	ug/Kg
108-95-2	Phenol	58.6	U	58.6	100	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	70.7	U	70.7	100	130	ug/Kg
95-57-8	2-Chlorophenol	56.7	U	56.7	100	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	64.3	U	64.3	100	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	69.7	U	69.7	100	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	64.9	U	64.9	100	130	ug/Kg
100-51-6	Benzyl Alcohol	77.8	U	77.8	210	260	ug/Kg
95-48-7	2-Methylphenol	89.8	U	89.8	100	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	82.7	U	82.7	100	130	ug/Kg
98-86-2	Acetophenone	68.3	U	68.3	100	130	ug/Kg
65794-96-9	3+4-Methylphenols	85	U	85	210	260	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.5	U	46.5	63	63	ug/Kg
67-72-1	Hexachloroethane	58	U	58	100	130	ug/Kg
98-95-3	Nitrobenzene	59.2	U	59.2	100	130	ug/Kg
78-59-1	Isophorone	53.6	U	53.6	100	130	ug/Kg
88-75-5	2-Nitrophenol	74.9	U	74.9	100	130	ug/Kg
105-67-9	2,4-Dimethylphenol	78.4	U	78.4	100	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	88.2	U	88.2	100	130	ug/Kg
120-83-2	2,4-Dichlorophenol	61.5	U	61.5	100	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	61	U	61	100	130	ug/Kg
65-85-0	Benzoic acid	170	U	170	210	260	ug/Kg
91-20-3	Naphthalene	64.1	U	64.1	100	130	ug/Kg
106-47-8	4-Chloroaniline	82.7	U	82.7	100	130	ug/Kg
87-68-3	Hexachlorobutadiene	66.1	U	66.1	100	130	ug/Kg
105-60-2	Caprolactam	92.1	U	92.1	210	260	ug/Kg
59-50-7	4-Chloro-3-methylphenol	65	U	65	100	130	ug/Kg
91-57-6	2-Methylnaphthalene	74.7	U	74.7	100	130	ug/Kg

Report of Analysis

Client:		Date Collected:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	283	SDG No.:	BF101723
Lab Sample ID:	O4878-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.9
Sample Wt/Vol:	50.06	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
BF135825.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156361

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	170	U	170	210	260	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60.7	U	60.7	100	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	69.2	U	69.2	100	130	ug/Kg
92-52-4	1,1-Biphenyl	71.9	U	71.9	100	130	ug/Kg
91-58-7	2-Chloronaphthalene	66.6	U	66.6	100	130	ug/Kg
88-74-4	2-Nitroaniline	78.2	U	78.2	100	130	ug/Kg
131-11-3	Dimethylphthalate	70	U	70	100	130	ug/Kg
208-96-8	Acenaphthylene	69.6	U	69.6	100	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	70.9	U	70.9	100	130	ug/Kg
99-09-2	3-Nitroaniline	73.6	U	73.6	100	130	ug/Kg
83-32-9	Acenaphthene	63.2	U	63.2	100	130	ug/Kg
Total PAH	Total PAH	2162.8	U	1131.7	100	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	210	260	ug/Kg
100-02-7	4-Nitrophenol	89.8	U	89.8	210	260	ug/Kg
132-64-9	Dibenzofuran	60.6	U	60.6	100	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	49.6	U	149.6	100	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	78.7	U	78.7	100	130	ug/Kg
84-66-2	Diethylphthalate	67.6	U	67.6	100	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	71.2	U	71.2	100	130	ug/Kg
86-73-7	Fluorene	66.8	U	66.8	100	130	ug/Kg
100-01-6	4-Nitroaniline	81.9	U	81.9	100	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	69.1	U	69.1	210	260	ug/Kg
86-30-6	n-Nitrosodiphenylamine	73.5	U	73.5	100	130	ug/Kg
103-33-3	Azobenzene	57.9	U	57.9	100	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	76.7	U	76.7	100	130	ug/Kg
118-74-1	Hexachlorobenzene	77.8	U	77.8	100	130	ug/Kg
1912-24-9	Atrazine	75.1	U	75.1	100	130	ug/Kg
87-86-5	Pentachlorophenol	87.4	U	87.4	210	260	ug/Kg
85-01-8	Phenanthrene	250		73	100	130	ug/Kg
120-12-7	Anthracene	80.3	U	80.3	100	130	ug/Kg
86-74-8	Carbazole	66.9	U	66.9	100	130	ug/Kg
84-74-2	Di-n-butylphthalate	81.9	U	81.9	100	130	ug/Kg
206-44-0	Fluoranthene	470		74.3	100	130	ug/Kg

Report of Analysis

Client:		Date Collected:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	283	SDG No.:	BF101723
Lab Sample ID:	O4878-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.9
Sample Wt/Vol:	50.06	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
BF135825.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156361

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	150	U	150	210	260	ug/Kg
129-00-0	Pyrene	310		65.9	100	130	ug/Kg
85-68-7	Butylbenzylphthalate	81.1	U	81.1	100	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	210	260	ug/Kg
56-55-3	Benzo(a)anthracene	170		66.1	100	130	ug/Kg
218-01-9	Chrysene	210		68.4	100	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	570		90.6	100	130	ug/Kg
117-84-0	Di-n-octyl phthalate	97.8	J	96.9	210	260	ug/Kg
205-99-2	Benzo(b)fluoranthene	280		63.2	100	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	96.2	J	69.4	100	130	ug/Kg
50-32-8	Benzo(a)pyrene	160		74.3	100	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	96.6	J	84.3	100	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	76	U	76	100	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	J	72.8	100	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	70.4	U	70.4	100	130	ug/Kg
123-91-1	1,4-Dioxane	92.1	U	92.1	100	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65.3	U	65.3	100	130	ug/Kg
90-12-0	1-Methylnaphthalene	71	U	71	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.549		18-112		61	SPK: -150
13127-88-3	Phenol-d6	89.089		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	66.027		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	65.909		20-109		66	SPK: -100
118-79-6	2,4,6-Tribromophenol	88.896		10-110		59	SPK: -150
1718-51-0	Terphenyl-d14	46.97		14-112		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82838	6.74				
1146-65-2	Naphthalene-d8	284157	8.016				
15067-26-2	Acenaphthene-d10	117896	9.775				
1517-22-2	Phenanthrene-d10	190715	11.275				
1719-03-5	Chrysene-d12	173361	13.945				
1520-96-3	Perylene-d12	156033	15.433				

Report of Analysis

Client:		Date Collected:	10/12/2023 12:00:00 AM
Project:		Date Received:	10/12/2023 12:00:00 AM
Client Sample ID:	283	SDG No.:	BF101723
Lab Sample ID:	O4878-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	23.9
Sample Wt/Vol:	50.06	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
BF135825.D	1	10/13/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156361

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
017348-59-3	Propane, 2-methyl-2-(1-methylethox	280	J			4.957	
	unknown6.446	130	J			6.446	
080655-44-3	Decahydro-1,1,4a,5,6-pentamethylna	130	J			9.157	
000571-58-4	Naphthalene, 1,4-dimethyl-	80.3	J			9.363	
000582-16-1	Naphthalene, 2,7-dimethyl-	120	J			9.434	
	unknown9.469	170	J			9.469	
000630-02-4	Octacosane	90.8	J			9.492	
	unknown9.628	160	J			9.628	
	unknown9.675	270	J			9.675	
	unknown9.710	110	J			9.71	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	120	J			9.881	
000112-40-3	Dodecane	160	J			10.028	
	unknown10.098	180	J			10.098	
	unknown10.140	170	J			10.14	
	unknown10.175	350	J			10.175	
018435-22-8	Tetradecane, 3-methyl-	500	J			10.692	
000593-49-7	Heptacosane	480	J			11.163	
000057-10-3	n-Hexadecanoic acid	330	J			11.81	
050517-26-5	Phosphetane, 2,2,3,4,4-pentamethyl	220	J			12.651	
000723-98-8	1H-Cyclopenta[1]phenanthrene, 2,3-	400	J			14.475	

Report of Analysis

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	EO-03-10132023-A	SDG No.:	BF101723
Lab Sample ID:	O4892-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
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
BF135826.D	2	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	350	430	ug/Kg
110-86-1	Pyridine	94	U	94	170	220	ug/Kg
100-52-7	Benzaldehyde	190	U	190	350	430	ug/Kg
62-53-3	Aniline	150	U	150	170	220	ug/Kg
108-95-2	Phenol	96.6	U	96.6	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	170	220	ug/Kg
95-57-8	2-Chlorophenol	93.5	U	93.5	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	350	430	ug/Kg
95-48-7	2-Methylphenol	150	U	150	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	350	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	76.6	U	76.6	100	100	ug/Kg
67-72-1	Hexachloroethane	95.6	U	95.6	170	220	ug/Kg
98-95-3	Nitrobenzene	97.6	U	97.6	170	220	ug/Kg
78-59-1	Isophorone	88.4	U	88.4	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	150	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	170	220	ug/Kg
65-85-0	Benzoic acid	280	U	280	350	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg
105-60-2	Caprolactam	150	U	150	350	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	EO-03-10132023-A	SDG No.:	BF101723
Lab Sample ID:	O4892-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
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
BF135826.D	2	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	270	U	270	350	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	170	220	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	220	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1850	U	1850	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	350	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	430	ug/Kg
132-64-9	Dibenzofuran	99.8	U	99.8	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	250	U	250	170	440	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	350	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	170	220	ug/Kg
103-33-3	Azobenzene	95.4	U	95.4	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	170	220	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	350	430	ug/Kg
85-01-8	Phenanthrene	250		120	170	220	ug/Kg
120-12-7	Anthracene	130	U	130	170	220	ug/Kg
86-74-8	Carbazole	110	U	110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	170	220	ug/Kg
206-44-0	Fluoranthene	350		120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	EO-03-10132023-A	SDG No.:	BF101723
Lab Sample ID:	O4892-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
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
BF135826.D	2	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	250	U	250	350	430	ug/Kg
129-00-0	Pyrene	330		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	350	430	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	110	170	220	ug/Kg
218-01-9	Chrysene	180	J	110	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	350	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	250		100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	190	J	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	220	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.774		18-112		57	SPK: -150
13127-88-3	Phenol-d6	83.028		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	58.856		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	66.918		20-109		67	SPK: -100
118-79-6	2,4,6-Tribromophenol	79.816		10-110		53	SPK: -150
1718-51-0	Terphenyl-d14	57.396		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84291	6.74				
1146-65-2	Naphthalene-d8	308687	8.016				
15067-26-2	Acenaphthene-d10	140780	9.775				
1517-22-2	Phenanthrene-d10	237048	11.269				
1719-03-5	Chrysene-d12	175013	13.939				
1520-96-3	Perylene-d12	143077	15.416				



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

Report of Analysis

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	EO-03-10132023-A	SDG No.:	BF101723
Lab Sample ID:	O4892-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	50.07	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
BF135826.D	2	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	400	A			4.946	
031295-56-4	Dodecane, 2,6,11-trimethyl-	100	J			10.692	
000057-10-3	n-Hexadecanoic acid	220	J			11.804	

Report of Analysis

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	EO-03-10132023-B	SDG No.:	BF101723
Lab Sample ID:	O4892-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	50.01 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
BF135827.D	2	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

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	97.4	U	97.4	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	100	U	100	170	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	170	230	ug/Kg
95-57-8	2-Chlorophenol	96.8	U	96.8	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	150	U	150	360	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	79.4	U	79.4	110	110	ug/Kg
67-72-1	Hexachloroethane	99	U	99	170	230	ug/Kg
98-95-3	Nitrobenzene	100	U	100	170	230	ug/Kg
78-59-1	Isophorone	91.6	U	91.6	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	110	U	110	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:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	EO-03-10132023-B	SDG No.:	BF101723
Lab Sample ID:	O4892-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	50.01 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
BF135827.D	2	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

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	120	U	120	170	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	170	230	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	170	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	230	ug/Kg
Total PAH	Total PAH	3460	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	120	U	120	170	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	170	230	ug/Kg
86-73-7	Fluorene	110	U	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	130	U	130	170	230	ug/Kg
103-33-3	Azobenzene	98.9	U	98.9	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	310		120	170	230	ug/Kg
120-12-7	Anthracene	140	U	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	650		130	170	230	ug/Kg

Report of Analysis

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	EO-03-10132023-B	SDG No.:	BF101723
Lab Sample ID:	O4892-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	50.01 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
BF135827.D	2	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

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	620		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	320		110	170	230	ug/Kg
218-01-9	Chrysene	300		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	170	U	170	360	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	420		110	170	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	120	170	230	ug/Kg
50-32-8	Benzo(a)pyrene	320		130	170	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	J	140	170	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	170	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	J	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	91.12		18-112		61	SPK: -150
13127-88-3	Phenol-d6	89.5		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	58.866		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	71.264		20-109		71	SPK: -100
118-79-6	2,4,6-Tribromophenol	84.914		10-110		57	SPK: -150
1718-51-0	Terphenyl-d14	59.38		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83363	6.74				
1146-65-2	Naphthalene-d8	307042	8.016				
15067-26-2	Acenaphthene-d10	134463	9.775				
1517-22-2	Phenanthrene-d10	226069	11.269				
1719-03-5	Chrysene-d12	173792	13.939				
1520-96-3	Perylene-d12	140759	15.421				

Report of Analysis

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	EO-03-10132023-B	SDG No.:	BF101723
Lab Sample ID:	O4892-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.8
Sample Wt/Vol:	50.01 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
BF135827.D	2	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	470	A			4.946	
000544-76-3	Hexadecane	180	J			8.604	
001120-21-4	Undecane	270	J			9.169	
000593-49-7	Heptacosane	97.7	J			9.492	
000629-62-9	Pentadecane	170	J			9.704	
006165-40-8	Pentadecane, 7-methyl-	130	J			10.204	
000630-02-4	Octacosane	94.2	J			10.422	
000629-59-4	Tetradecane	170	J			10.681	
000613-12-7	Anthracene, 2-methyl-	98.6	J			11.775	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b-dihydro	300	J			11.804	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	150	J			11.886	
000112-95-8	Eicosane	110	J			12.363	

Report of Analysis

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	EO-02-10132023-A	SDG No.:	BF101723
Lab Sample ID:	O4892-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
Sample Wt/Vol:	50.02 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
BF135828.D	2	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	360	430	ug/Kg
110-86-1	Pyridine	95.2	U	95.2	170	220	ug/Kg
100-52-7	Benzaldehyde	190	U	190	360	430	ug/Kg
62-53-3	Aniline	150	U	150	170	220	ug/Kg
108-95-2	Phenol	97.9	U	97.9	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	170	220	ug/Kg
95-57-8	2-Chlorophenol	94.7	U	94.7	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	360	430	ug/Kg
95-48-7	2-Methylphenol	150	U	150	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	140	U	140	360	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	77.6	U	77.6	110	110	ug/Kg
67-72-1	Hexachloroethane	96.8	U	96.8	170	220	ug/Kg
98-95-3	Nitrobenzene	98.9	U	98.9	170	220	ug/Kg
78-59-1	Isophorone	89.6	U	89.6	170	220	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	150	U	150	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	170	220	ug/Kg
65-85-0	Benzoic acid	280	U	280	360	430	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg
105-60-2	Caprolactam	150	U	150	360	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	EO-02-10132023-A	SDG No.:	BF101723
Lab Sample ID:	O4892-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
Sample Wt/Vol:	50.02 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
BF135828.D	2	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	280	U	280	360	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	170	220	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	170	220	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	170	220	ug/Kg
208-96-8	Acenaphthylene	120	U	120	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	170	220	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	170	220	ug/Kg
83-32-9	Acenaphthene	110	U	110	170	220	ug/Kg
Total PAH	Total PAH	1890	U	1890	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	360	430	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	360	430	ug/Kg
132-64-9	Dibenzofuran	100	U	100	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	250	U	250	170	440	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	170	220	ug/Kg
84-66-2	Diethylphthalate	110	U	110	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	360	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	170	220	ug/Kg
103-33-3	Azobenzene	96.7	U	96.7	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	170	220	ug/Kg
118-74-1	Hexachlorobenzene	130	U	130	170	220	ug/Kg
1912-24-9	Atrazine	130	U	130	170	220	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	360	430	ug/Kg
85-01-8	Phenanthrene	200	J	120	170	220	ug/Kg
120-12-7	Anthracene	130	U	130	170	220	ug/Kg
86-74-8	Carbazole	110	U	110	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	170	220	ug/Kg
206-44-0	Fluoranthene	310		120	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	EO-02-10132023-A	SDG No.:	BF101723
Lab Sample ID:	O4892-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
Sample Wt/Vol:	50.02 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
BF135828.D	2	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	250	U	250	360	430	ug/Kg
129-00-0	Pyrene	260		110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	360	430	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	110	170	220	ug/Kg
218-01-9	Chrysene	130	J	110	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	360	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	110	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	170	220	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	104.328		18-112		70	SPK: -150
13127-88-3	Phenol-d6	96.064		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	74.434		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	81.918		20-109		82	SPK: -100
118-79-6	2,4,6-Tribromophenol	115.434		10-110		77	SPK: -150
1718-51-0	Terphenyl-d14	72.544		14-112		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76455	6.74				
1146-65-2	Naphthalene-d8	250410	8.016				
15067-26-2	Acenaphthene-d10	100905	9.775				
1517-22-2	Phenanthrene-d10	197816	11.275				
1719-03-5	Chrysene-d12	162714	13.939				
1520-96-3	Perylene-d12	126029	15.421				



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Report of Analysis

Client:		Date Collected:	10/13/2023 12:00:00 AM
Project:		Date Received:	10/13/2023 12:00:00 AM
Client Sample ID:	EO-02-10132023-A	SDG No.:	BF101723
Lab Sample ID:	O4892-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.8
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
BF135828.D	2	10/16/2023 12:00:00 AM	10/17/2023 12:00:00 AM	PB156392

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	530	A			4.951	
000629-59-4	Tetradecane	100	J			9.169	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	350	J			9.216	
000057-10-3	n-Hexadecanoic acid	310	J			11.804	
000203-64-5	4H-Cyclopenta[def]phenanthrene	88.6	J			11.892	

Report of Analysis

Client:		Date Collected:	9/27/2023 12:00:00 AM
Project:		Date Received:	9/27/2023 12:00:00 AM
Client Sample ID:	V-2(0-2IN)DL	SDG No.:	BF101723
Lab Sample ID:	O4657-05DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.3
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
BF135829.D	5	9/29/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB155966

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	480	U	480	1700	2000	ug/Kg
110-86-1	Pyridine	450	U	450	800	1100	ug/Kg
100-52-7	Benzaldehyde	920	U	920	1700	2000	ug/Kg
62-53-3	Aniline	720	U	720	800	1100	ug/Kg
108-95-2	Phenol	460	U	460	800	1100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	560	U	560	800	1100	ug/Kg
95-57-8	2-Chlorophenol	450	U	450	800	1100	ug/Kg
95-50-1	1,2-Dichlorobenzene	510	U	510	800	1100	ug/Kg
541-73-1	1,3-Dichlorobenzene	550	U	550	800	1100	ug/Kg
106-46-7	1,4-Dichlorobenzene	510	U	510	800	1100	ug/Kg
100-51-6	Benzyl Alcohol	610	U	610	1700	2000	ug/Kg
95-48-7	2-Methylphenol	700	U	700	800	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	650	U	650	800	1100	ug/Kg
98-86-2	Acetophenone	540	U	540	800	1100	ug/Kg
65794-96-9	3+4-Methylphenols	670	U	670	1700	2000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	360	U	360	490	490	ug/Kg
67-72-1	Hexachloroethane	460	U	460	800	1100	ug/Kg
98-95-3	Nitrobenzene	460	U	460	800	1100	ug/Kg
78-59-1	Isophorone	420	U	420	800	1100	ug/Kg
88-75-5	2-Nitrophenol	590	U	590	800	1100	ug/Kg
105-67-9	2,4-Dimethylphenol	620	U	620	800	1100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	690	U	690	800	1100	ug/Kg
120-83-2	2,4-Dichlorophenol	480	U	480	800	1100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	480	U	480	800	1100	ug/Kg
65-85-0	Benzoic acid	1300	U	1300	1700	2000	ug/Kg
91-20-3	Naphthalene	500	U	500	800	1100	ug/Kg
106-47-8	4-Chloroaniline	650	U	650	800	1100	ug/Kg
87-68-3	Hexachlorobutadiene	520	U	520	800	1100	ug/Kg
105-60-2	Caprolactam	720	U	720	1700	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	510	U	510	800	1100	ug/Kg
91-57-6	2-Methylnaphthalene	590	U	590	800	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2023 12:00:00 AM
Project:		Date Received:	9/27/2023 12:00:00 AM
Client Sample ID:	V-2(0-2IN)DL	SDG No.:	BF101723
Lab Sample ID:	O4657-05DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.3
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
BF135829.D	5	9/29/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB155966

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1300	U	1300	1700	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	480	U	480	800	1100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	540	U	540	800	1100	ug/Kg
92-52-4	1,1-Biphenyl	560	U	560	800	1100	ug/Kg
91-58-7	2-Chloronaphthalene	520	U	520	800	1100	ug/Kg
88-74-4	2-Nitroaniline	610	U	610	800	1100	ug/Kg
131-11-3	Dimethylphthalate	550	U	550	800	1100	ug/Kg
208-96-8	Acenaphthylene	550	U	550	800	1100	ug/Kg
606-20-2	2,6-Dinitrotoluene	560	U	560	800	1100	ug/Kg
99-09-2	3-Nitroaniline	580	U	580	800	1100	ug/Kg
83-32-9	Acenaphthene	500	JD	500	800	1100	ug/Kg
Total PAH	Total PAH	53040	D	8880	800	17600	ug/Kg
51-28-5	2,4-Dinitrophenol	1100	U	1100	1700	2000	ug/Kg
100-02-7	4-Nitrophenol	700	U	700	1700	2000	ug/Kg
132-64-9	Dibenzofuran	480	U	480	800	1100	ug/Kg
121-14-2	2,4-Dinitrotoluene	620	U	620	800	1100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	180	U	1180	800	2200	ug/Kg
84-66-2	Diethylphthalate	530	U	530	800	1100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	560	U	560	800	1100	ug/Kg
86-73-7	Fluorene	520	U	520	800	1100	ug/Kg
100-01-6	4-Nitroaniline	640	U	640	800	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	540	U	540	1700	2000	ug/Kg
86-30-6	n-Nitrosodiphenylamine	580	U	580	800	1100	ug/Kg
103-33-3	Azobenzene	450	U	450	800	1100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	600	U	600	800	1100	ug/Kg
118-74-1	Hexachlorobenzene	610	U	610	800	1100	ug/Kg
1912-24-9	Atrazine	590	U	590	800	1100	ug/Kg
87-86-5	Pentachlorophenol	690	U	690	1700	2000	ug/Kg
85-01-8	Phenanthrene	6000	D	570	800	1100	ug/Kg
120-12-7	Anthracene	1200	D	630	800	1100	ug/Kg
86-74-8	Carbazole	850	JD	520	800	1100	ug/Kg
84-74-2	Di-n-butylphthalate	640	U	640	800	1100	ug/Kg
206-44-0	Fluoranthene	9100	D	580	800	1100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2023 12:00:00 AM
Project:		Date Received:	9/27/2023 12:00:00 AM
Client Sample ID:	V-2(0-2IN)DL	SDG No.:	BF101723
Lab Sample ID:	O4657-05DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.3
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
BF135829.D	5	9/29/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB155966

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	1200	U	1200	1700	2000	ug/Kg
129-00-0	Pyrene	8300	D	520	800	1100	ug/Kg
85-68-7	Butylbenzylphthalate	640	U	640	800	1100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000	U	1000	1700	2000	ug/Kg
56-55-3	Benzo(a)anthracene	4500	D	520	800	1100	ug/Kg
218-01-9	Chrysene	4400	D	540	800	1100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000	JD	710	800	1100	ug/Kg
117-84-0	Di-n-octyl phthalate	760	U	760	1700	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	6300	D	500	800	1100	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900	D	540	800	1100	ug/Kg
50-32-8	Benzo(a)pyrene	4600	D	580	800	1100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2600	D	660	800	1100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	740	JD	600	800	1100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2900	D	570	800	1100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	550	U	550	800	1100	ug/Kg
123-91-1	1,4-Dioxane	720	U	720	800	1100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	510	U	510	800	1100	ug/Kg
90-12-0	1-Methylnaphthalene	560	U	560	1100	1100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.77		18-112		53	SPK: -150
13127-88-3	Phenol-d6	80.9		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	56.635		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	65.07		20-109		65	SPK: -100
118-79-6	2,4,6-Tribromophenol	84.655		10-110		56	SPK: -150
1718-51-0	Terphenyl-d14	49.84		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81056	6.74				
1146-65-2	Naphthalene-d8	295166	8.016				
15067-26-2	Acenaphthene-d10	138939	9.775				
1517-22-2	Phenanthrene-d10	255991	11.275				
1719-03-5	Chrysene-d12	170989	13.939				
1520-96-3	Perylene-d12	150266	15.421				



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Report of Analysis

Client:		Date Collected:	9/27/2023 12:00:00 AM
Project:		Date Received:	9/27/2023 12:00:00 AM
Client Sample ID:	V-2(0-2IN)DL	SDG No.:	BF101723
Lab Sample ID:	O4657-05DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19.3
Sample Wt/Vol:	30.06	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
BF135829.D	5	9/29/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB155966

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

Client:		Date Collected:	10/9/2023 12:00:00 AM
Project:		Date Received:	10/9/2023 12:00:00 AM
Client Sample ID:	VNJ-223RE	SDG No.:	BF101723
Lab Sample ID:	O4812-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02 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
BF135830.D	5	10/10/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	230	U	230	810	990	ug/Kg
110-86-1	Pyridine	220	U	220	390	510	ug/Kg
100-52-7	Benzaldehyde	440	U	440	810	990	ug/Kg
62-53-3	Aniline	350	U	350	390	510	ug/Kg
108-95-2	Phenol	220	U	220	390	510	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	390	510	ug/Kg
95-57-8	2-Chlorophenol	220	U	220	390	510	ug/Kg
95-50-1	1,2-Dichlorobenzene	250	U	250	390	510	ug/Kg
541-73-1	1,3-Dichlorobenzene	270	U	270	390	510	ug/Kg
106-46-7	1,4-Dichlorobenzene	250	U	250	390	510	ug/Kg
100-51-6	Benzyl Alcohol	300	U	300	810	990	ug/Kg
95-48-7	2-Methylphenol	340	U	340	390	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	310	390	510	ug/Kg
98-86-2	Acetophenone	260	U	260	390	510	ug/Kg
65794-96-9	3+4-Methylphenols	320	U	320	810	990	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	180	U	180	240	240	ug/Kg
67-72-1	Hexachloroethane	220	U	220	390	510	ug/Kg
98-95-3	Nitrobenzene	230	U	230	390	510	ug/Kg
78-59-1	Isophorone	200	U	200	390	510	ug/Kg
88-75-5	2-Nitrophenol	290	U	290	390	510	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	390	510	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	340	U	340	390	510	ug/Kg
120-83-2	2,4-Dichlorophenol	230	U	230	390	510	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	230	U	230	390	510	ug/Kg
65-85-0	Benzoic acid	640	U	640	810	990	ug/Kg
91-20-3	Naphthalene	240	U	240	390	510	ug/Kg
106-47-8	4-Chloroaniline	310	U	310	390	510	ug/Kg
87-68-3	Hexachlorobutadiene	250	U	250	390	510	ug/Kg
105-60-2	Caprolactam	350	U	350	810	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	390	510	ug/Kg
91-57-6	2-Methylnaphthalene	280	U	280	390	510	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2023 12:00:00 AM
Project:		Date Received:	10/9/2023 12:00:00 AM
Client Sample ID:	VNJ-223RE	SDG No.:	BF101723
Lab Sample ID:	O4812-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02 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
BF135830.D	5	10/10/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	630	U	630	810	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	390	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	260	U	260	390	510	ug/Kg
92-52-4	1,1-Biphenyl	270	U	270	390	510	ug/Kg
91-58-7	2-Chloronaphthalene	250	U	250	390	510	ug/Kg
88-74-4	2-Nitroaniline	300	U	300	390	510	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	390	510	ug/Kg
208-96-8	Acenaphthylene	270	U	270	390	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	390	510	ug/Kg
99-09-2	3-Nitroaniline	280	U	280	390	510	ug/Kg
83-32-9	Acenaphthene	2800		240	390	510	ug/Kg
Total PAH	Total PAH	179700		4300	390	8160	ug/Kg
51-28-5	2,4-Dinitrophenol	540	U	540	810	990	ug/Kg
100-02-7	4-Nitrophenol	340	U	340	810	990	ug/Kg
132-64-9	Dibenzofuran	1300		230	390	510	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	670	U	570	390	1020	ug/Kg
121-14-2	2,4-Dinitrotoluene	300	U	300	390	510	ug/Kg
84-66-2	Diethylphthalate	260	U	260	390	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270	U	270	390	510	ug/Kg
86-73-7	Fluorene	2800		250	390	510	ug/Kg
100-01-6	4-Nitroaniline	310	U	310	390	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	260	U	260	810	990	ug/Kg
86-30-6	n-Nitrosodiphenylamine	280	U	280	390	510	ug/Kg
103-33-3	Azobenzene	220	U	220	390	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	290	U	290	390	510	ug/Kg
118-74-1	Hexachlorobenzene	300	U	300	390	510	ug/Kg
1912-24-9	Atrazine	290	U	290	390	510	ug/Kg
87-86-5	Pentachlorophenol	330	U	330	810	990	ug/Kg
85-01-8	Phenanthrene	8600	E	280	390	510	ug/Kg
120-12-7	Anthracene	5600		310	390	510	ug/Kg
86-74-8	Carbazole	1200		250	390	510	ug/Kg
84-74-2	Di-n-butylphthalate	310	U	310	390	510	ug/Kg
206-44-0	Fluoranthene	25800	E	280	390	510	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2023 12:00:00 AM
Project:		Date Received:	10/9/2023 12:00:00 AM
Client Sample ID:	VNJ-223RE	SDG No.:	BF101723
Lab Sample ID:	O4812-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02 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
BF135830.D	5	10/10/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	580	U	580	810	990	ug/Kg
129-00-0	Pyrene	23300	E	250	390	510	ug/Kg
85-68-7	Butylbenzylphthalate	310	U	310	390	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	480	U	480	810	990	ug/Kg
56-55-3	Benzo(a)anthracene	15500	E	250	390	510	ug/Kg
218-01-9	Chrysene	15400	E	260	390	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		340	390	510	ug/Kg
117-84-0	Di-n-octyl phthalate	370	U	370	810	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	23800	E	240	390	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	7200		260	390	510	ug/Kg
50-32-8	Benzo(a)pyrene	17900	E	280	390	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	12500	E	320	390	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3500		290	390	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	15000	E	280	390	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	270	U	270	390	510	ug/Kg
123-91-1	1,4-Dioxane	350	U	350	390	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	390	510	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	510	510	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.195		18-112		52	SPK: -150
13127-88-3	Phenol-d6	85.385		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	63.23		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	80.535		20-109		81	SPK: -100
118-79-6	2,4,6-Tribromophenol	72.855		10-110		49	SPK: -150
1718-51-0	Terphenyl-d14	94.88		14-112		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82424	6.74				
1146-65-2	Naphthalene-d8	294861	8.016				
15067-26-2	Acenaphthene-d10	134461	9.775				
1517-22-2	Phenanthrene-d10	221399	11.275				
1719-03-5	Chrysene-d12	133835	13.951				
1520-96-3	Perylene-d12	120621	15.439				



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Report of Analysis

Client:		Date Collected:	10/9/2023 12:00:00 AM
Project:		Date Received:	10/9/2023 12:00:00 AM
Client Sample ID:	VNJ-223RE	SDG No.:	BF101723
Lab Sample ID:	O4812-01RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	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
BF135830.D	5	10/10/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156255

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

Client:		Date Collected:	10/9/2023 12:00:00 AM
Project:		Date Received:	10/9/2023 12:00:00 AM
Client Sample ID:	VNJ-223DL	SDG No.:	BF101723
Lab Sample ID:	O4812-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02 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
BF135831.D	25	10/10/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1200	U	1200	4000	4900	ug/Kg
110-86-1	Pyridine	1100	U	1100	1900	2500	ug/Kg
100-52-7	Benzaldehyde	2200	U	2200	4000	4900	ug/Kg
62-53-3	Aniline	1800	U	1800	1900	2500	ug/Kg
108-95-2	Phenol	1100	U	1100	1900	2500	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1300	U	1300	1900	2500	ug/Kg
95-57-8	2-Chlorophenol	1100	U	1100	1900	2500	ug/Kg
95-50-1	1,2-Dichlorobenzene	1200	U	1200	1900	2500	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300	U	1300	1900	2500	ug/Kg
106-46-7	1,4-Dichlorobenzene	1200	U	1200	1900	2500	ug/Kg
100-51-6	Benzyl Alcohol	1500	U	1500	4000	4900	ug/Kg
95-48-7	2-Methylphenol	1700	U	1700	1900	2500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600	U	1600	1900	2500	ug/Kg
98-86-2	Acetophenone	1300	U	1300	1900	2500	ug/Kg
65794-96-9	3+4-Methylphenols	1600	U	1600	4000	4900	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	880	U	880	1200	1200	ug/Kg
67-72-1	Hexachloroethane	1100	U	1100	1900	2500	ug/Kg
98-95-3	Nitrobenzene	1100	U	1100	1900	2500	ug/Kg
78-59-1	Isophorone	1000	U	1000	1900	2500	ug/Kg
88-75-5	2-Nitrophenol	1400	U	1400	1900	2500	ug/Kg
105-67-9	2,4-Dimethylphenol	1500	U	1500	1900	2500	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1700	U	1700	1900	2500	ug/Kg
120-83-2	2,4-Dichlorophenol	1200	U	1200	1900	2500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1200	U	1200	1900	2500	ug/Kg
65-85-0	Benzoic acid	3200	U	3200	4000	4900	ug/Kg
91-20-3	Naphthalene	1200	U	1200	1900	2500	ug/Kg
106-47-8	4-Chloroaniline	1600	U	1600	1900	2500	ug/Kg
87-68-3	Hexachlorobutadiene	1300	U	1300	1900	2500	ug/Kg
105-60-2	Caprolactam	1800	U	1800	4000	4900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200	U	1200	1900	2500	ug/Kg
91-57-6	2-Methylnaphthalene	1400	U	1400	1900	2500	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2023 12:00:00 AM
Project:		Date Received:	10/9/2023 12:00:00 AM
Client Sample ID:	VNJ-223DL	SDG No.:	BF101723
Lab Sample ID:	O4812-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02 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
BF135831.D	25	10/10/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	4000	4900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1900	2500	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300	U	1300	1900	2500	ug/Kg
92-52-4	1,1-Biphenyl	1400	U	1400	1900	2500	ug/Kg
91-58-7	2-Chloronaphthalene	1300	U	1300	1900	2500	ug/Kg
88-74-4	2-Nitroaniline	1500	U	1500	1900	2500	ug/Kg
131-11-3	Dimethylphthalate	1300	U	1300	1900	2500	ug/Kg
208-96-8	Acenaphthylene	1300	U	1300	1900	2500	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300	U	1300	1900	2500	ug/Kg
99-09-2	3-Nitroaniline	1400	U	1400	1900	2500	ug/Kg
83-32-9	Acenaphthene	3200	D	1200	1900	2500	ug/Kg
Total PAH	Total PAH	229700	D	21500	1900	40000	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	U	2700	4000	4900	ug/Kg
100-02-7	4-Nitrophenol	1700	U	1700	4000	4900	ug/Kg
132-64-9	Dibenzofuran	1600	JD	1200	1900	2500	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2800	U	2800	1900	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500	U	1500	1900	2500	ug/Kg
84-66-2	Diethylphthalate	1300	U	1300	1900	2500	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400	U	1400	1900	2500	ug/Kg
86-73-7	Fluorene	3400	D	1300	1900	2500	ug/Kg
100-01-6	4-Nitroaniline	1600	U	1600	1900	2500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300	U	1300	4000	4900	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400	U	1400	1900	2500	ug/Kg
103-33-3	Azobenzene	1100	U	1100	1900	2500	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500	U	1500	1900	2500	ug/Kg
118-74-1	Hexachlorobenzene	1500	U	1500	1900	2500	ug/Kg
1912-24-9	Atrazine	1400	U	1400	1900	2500	ug/Kg
87-86-5	Pentachlorophenol	1700	U	1700	4000	4900	ug/Kg
85-01-8	Phenanthrene	11400	D	1400	1900	2500	ug/Kg
120-12-7	Anthracene	6900	D	1500	1900	2500	ug/Kg
86-74-8	Carbazole	1300	JD	1300	1900	2500	ug/Kg
84-74-2	Di-n-butylphthalate	1600	U	1600	1900	2500	ug/Kg
206-44-0	Fluoranthene	37800	D	1400	1900	2500	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2023 12:00:00 AM
Project:		Date Received:	10/9/2023 12:00:00 AM
Client Sample ID:	VNJ-223DL	SDG No.:	BF101723
Lab Sample ID:	O4812-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02 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
BF135831.D	25	10/10/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	2900	U	2900	4000	4900	ug/Kg
129-00-0	Pyrene	30100	D	1300	1900	2500	ug/Kg
85-68-7	Butylbenzylphthalate	1500	U	1500	1900	2500	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2400	U	2400	4000	4900	ug/Kg
56-55-3	Benzo(a)anthracene	19200	D	1300	1900	2500	ug/Kg
218-01-9	Chrysene	16900	D	1300	1900	2500	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700	U	1700	1900	2500	ug/Kg
117-84-0	Di-n-octyl phthalate	1800	U	1800	4000	4900	ug/Kg
205-99-2	Benzo(b)fluoranthene	31200	D	1200	1900	2500	ug/Kg
207-08-9	Benzo(k)fluoranthene	10100	D	1300	1900	2500	ug/Kg
50-32-8	Benzo(a)pyrene	22500	D	1400	1900	2500	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	15000	D	1600	1900	2500	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4000	D	1400	1900	2500	ug/Kg
191-24-2	Benzo(g,h,i)perylene	18000	D	1400	1900	2500	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300	U	1300	1900	2500	ug/Kg
123-91-1	1,4-Dioxane	1800	U	1800	1900	2500	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200	U	1200	1900	2500	ug/Kg
90-12-0	1-Methylnaphthalene	1400	U	1400	2500	2500	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.4		18-112		47	SPK: -150
13127-88-3	Phenol-d6	87.7		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	68.925		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	94.6		20-109		95	SPK: -100
118-79-6	2,4,6-Tribromophenol	80.85		10-110		54	SPK: -150
1718-51-0	Terphenyl-d14	95.975		14-112		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82248	6.739				
1146-65-2	Naphthalene-d8	288762	8.016				
15067-26-2	Acenaphthene-d10	131908	9.774				
1517-22-2	Phenanthrene-d10	229161	11.274				
1719-03-5	Chrysene-d12	154544	13.945				
1520-96-3	Perylene-d12	129915	15.421				



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Report of Analysis

Client:		Date Collected:	10/9/2023 12:00:00 AM
Project:		Date Received:	10/9/2023 12:00:00 AM
Client Sample ID:	VNJ-223DL	SDG No.:	BF101723
Lab Sample ID:	O4812-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.02	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
BF135831.D	25	10/10/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156255

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

Client:		Date Collected:	9/27/2023 12:00:00 AM
Project:		Date Received:	9/27/2023 12:00:00 AM
Client Sample ID:	V-1(0-2IN)RE	SDG No.:	BF101723
Lab Sample ID:	O4657-07RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19
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
BF135832.D	1	9/29/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB155966

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	95.4	U	95.4	330	410	ug/Kg
110-86-1	Pyridine	89.3	U	89.3	160	210	ug/Kg
100-52-7	Benzaldehyde	180	U	180	330	410	ug/Kg
62-53-3	Aniline	140	U	140	160	210	ug/Kg
108-95-2	Phenol	91.8	U	91.8	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	160	210	ug/Kg
95-57-8	2-Chlorophenol	88.8	U	88.8	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	160	210	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	330	410	ug/Kg
95-48-7	2-Methylphenol	140	U	140	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	330	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	72.8	U	72.8	98.7	98.7	ug/Kg
67-72-1	Hexachloroethane	90.8	U	90.8	160	210	ug/Kg
98-95-3	Nitrobenzene	92.8	U	92.8	160	210	ug/Kg
78-59-1	Isophorone	84	U	84	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	140	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	96.4	U	96.4	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	95.6	U	95.6	160	210	ug/Kg
65-85-0	Benzoic acid	260	U	260	330	410	ug/Kg
91-20-3	Naphthalene	160	J	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg
105-60-2	Caprolactam	140	U	140	330	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2023 12:00:00 AM
Project:		Date Received:	9/27/2023 12:00:00 AM
Client Sample ID:	V-1(0-2IN)RE	SDG No.:	BF101723
Lab Sample ID:	O4657-07RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19
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
BF135832.D	1	9/29/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB155966

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	260	U	260	330	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	95.1	U	95.1	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	160	210	ug/Kg
208-96-8	Acenaphthylene	280		110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	160	210	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	160	210	ug/Kg
83-32-9	Acenaphthene	99.1	U	99.1	160	210	ug/Kg
Total PAH	Total PAH	12090	U	1768.2	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	220	U	220	330	410	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	410	ug/Kg
132-64-9	Dibenzofuran	94.9	U	94.9	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	230	U	230	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	160	210	ug/Kg
84-66-2	Diethylphthalate	110	U	110	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	160	210	ug/Kg
86-73-7	Fluorene	160	J	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	330	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	160	210	ug/Kg
103-33-3	Azobenzene	90.7	U	90.7	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	160	210	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	160	210	ug/Kg
1912-24-9	Atrazine	120	U	120	160	210	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	330	410	ug/Kg
85-01-8	Phenanthrene	1300		110	160	210	ug/Kg
120-12-7	Anthracene	430		130	160	210	ug/Kg
86-74-8	Carbazole	100	U	100	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	160	210	ug/Kg
206-44-0	Fluoranthene	2000		120	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2023 12:00:00 AM
Project:		Date Received:	9/27/2023 12:00:00 AM
Client Sample ID:	V-1(0-2IN)RE	SDG No.:	BF101723
Lab Sample ID:	O4657-07RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19
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
BF135832.D	1	9/29/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB155966

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	240	U	240	330	410	ug/Kg
129-00-0	Pyrene	1800		100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	U	200	330	410	ug/Kg
56-55-3	Benzo(a)anthracene	1100		100	160	210	ug/Kg
218-01-9	Chrysene	1000		110	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	330	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		99.1	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	390		110	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	970		120	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	490		130	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	J	120	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	550		110	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.962		18-112		71	SPK: -150
13127-88-3	Phenol-d6	98.892		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	70.387		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	67.672		20-109		68	SPK: -100
118-79-6	2,4,6-Tribromophenol	97.787		10-110		65	SPK: -150
1718-51-0	Terphenyl-d14	52.695		14-112		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72296	6.739				
1146-65-2	Naphthalene-d8	257604	8.016				
15067-26-2	Acenaphthene-d10	125488	9.775				
1517-22-2	Phenanthrene-d10	200092	11.274				
1719-03-5	Chrysene-d12	156670	13.939				
1520-96-3	Perylene-d12	116942	15.421				



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Report of Analysis

Client:		Date Collected:	9/27/2023 12:00:00 AM
Project:		Date Received:	9/27/2023 12:00:00 AM
Client Sample ID:	V-1(0-2IN)RE	SDG No.:	BF101723
Lab Sample ID:	O4657-07RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	19
Sample Wt/Vol:	30.02	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
BF135832.D	1	9/29/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB155966

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

Client:		Date Collected:	10/9/2023 12:00:00 AM
Project:		Date Received:	10/9/2023 12:00:00 AM
Client Sample ID:	72-11930DL	SDG No.:	BF101723
Lab Sample ID:	O4817-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
Sample Wt/Vol:	50.06	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
BF135833.D	5	10/10/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	270	U	270	930	1100	ug/Kg
110-86-1	Pyridine	250	U	250	450	590	ug/Kg
100-52-7	Benzaldehyde	510	U	510	930	1100	ug/Kg
62-53-3	Aniline	400	U	400	450	590	ug/Kg
108-95-2	Phenol	260	U	260	450	590	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	310	U	310	450	590	ug/Kg
95-57-8	2-Chlorophenol	250	U	250	450	590	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	450	590	ug/Kg
541-73-1	1,3-Dichlorobenzene	310	U	310	450	590	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	450	590	ug/Kg
100-51-6	Benzyl Alcohol	340	U	340	930	1100	ug/Kg
95-48-7	2-Methylphenol	390	U	390	450	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	360	U	360	450	590	ug/Kg
98-86-2	Acetophenone	300	U	300	450	590	ug/Kg
65794-96-9	3+4-Methylphenols	370	U	370	930	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	200	U	200	280	280	ug/Kg
67-72-1	Hexachloroethane	250	U	250	450	590	ug/Kg
98-95-3	Nitrobenzene	260	U	260	450	590	ug/Kg
78-59-1	Isophorone	240	U	240	450	590	ug/Kg
88-75-5	2-Nitrophenol	330	U	330	450	590	ug/Kg
105-67-9	2,4-Dimethylphenol	340	U	340	450	590	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	390	U	390	450	590	ug/Kg
120-83-2	2,4-Dichlorophenol	270	U	270	450	590	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	450	590	ug/Kg
65-85-0	Benzoic acid	740	U	740	930	1100	ug/Kg
91-20-3	Naphthalene	280	U	280	450	590	ug/Kg
106-47-8	4-Chloroaniline	360	U	360	450	590	ug/Kg
87-68-3	Hexachlorobutadiene	290	U	290	450	590	ug/Kg
105-60-2	Caprolactam	400	U	400	930	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	290	U	290	450	590	ug/Kg
91-57-6	2-Methylnaphthalene	330	U	330	450	590	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2023 12:00:00 AM
Project:		Date Received:	10/9/2023 12:00:00 AM
Client Sample ID:	72-11930DL	SDG No.:	BF101723
Lab Sample ID:	O4817-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
Sample Wt/Vol:	50.06 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
BF135833.D	5	10/10/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	730	U	730	930	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	270	U	270	450	590	ug/Kg
95-95-4	2,4,5-Trichlorophenol	300	U	300	450	590	ug/Kg
92-52-4	1,1-Biphenyl	320	U	320	450	590	ug/Kg
91-58-7	2-Chloronaphthalene	290	U	290	450	590	ug/Kg
88-74-4	2-Nitroaniline	340	U	340	450	590	ug/Kg
131-11-3	Dimethylphthalate	310	U	310	450	590	ug/Kg
208-96-8	Acenaphthylene	310	U	310	450	590	ug/Kg
606-20-2	2,6-Dinitrotoluene	310	U	310	450	590	ug/Kg
99-09-2	3-Nitroaniline	320	U	320	450	590	ug/Kg
83-32-9	Acenaphthene	1100	D	280	450	590	ug/Kg
Total PAH	Total PAH	18780	D	4970	450	9440	ug/Kg
51-28-5	2,4-Dinitrophenol	620	U	620	930	1100	ug/Kg
100-02-7	4-Nitrophenol	390	U	390	930	1100	ug/Kg
132-64-9	Dibenzofuran	1200	D	270	450	590	ug/Kg
121-14-2	2,4-Dinitrotoluene	350	U	350	450	590	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	660	U	660	450	1180	ug/Kg
84-66-2	Diethylphthalate	300	U	300	450	590	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	310	U	310	450	590	ug/Kg
86-73-7	Fluorene	1900	D	290	450	590	ug/Kg
100-01-6	4-Nitroaniline	360	U	360	450	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	300	U	300	930	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	320	U	320	450	590	ug/Kg
103-33-3	Azobenzene	250	U	250	450	590	ug/Kg
101-55-3	4-Bromophenyl-phenylether	340	U	340	450	590	ug/Kg
118-74-1	Hexachlorobenzene	340	U	340	450	590	ug/Kg
1912-24-9	Atrazine	330	U	330	450	590	ug/Kg
87-86-5	Pentachlorophenol	380	U	380	930	1100	ug/Kg
85-01-8	Phenanthrene	6200	D	320	450	590	ug/Kg
120-12-7	Anthracene	830	D	350	450	590	ug/Kg
86-74-8	Carbazole	400	JD	290	450	590	ug/Kg
84-74-2	Di-n-butylphthalate	360	U	360	450	590	ug/Kg
206-44-0	Fluoranthene	4500	D	330	450	590	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2023 12:00:00 AM
Project:		Date Received:	10/9/2023 12:00:00 AM
Client Sample ID:	72-11930DL	SDG No.:	BF101723
Lab Sample ID:	O4817-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
Sample Wt/Vol:	50.06	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
BF135833.D	5	10/10/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156255

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	670	U	670	930	1100	ug/Kg
129-00-0	Pyrene	2600	D	290	450	590	ug/Kg
85-68-7	Butylbenzylphthalate	360	U	360	450	590	ug/Kg
91-94-1	3,3-Dichlorobenzidine	560	U	560	930	1100	ug/Kg
56-55-3	Benzo(a)anthracene	680	D	290	450	590	ug/Kg
218-01-9	Chrysene	580	JD	300	450	590	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	400	U	400	450	590	ug/Kg
117-84-0	Di-n-octyl phthalate	430	U	430	930	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	390	JD	280	450	590	ug/Kg
207-08-9	Benzo(k)fluoranthene	300	U	300	450	590	ug/Kg
50-32-8	Benzo(a)pyrene	330	U	330	450	590	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370	U	370	450	590	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	330	U	330	450	590	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320	U	320	450	590	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U	310	450	590	ug/Kg
123-91-1	1,4-Dioxane	400	U	400	450	590	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	290	U	290	450	590	ug/Kg
90-12-0	1-Methylnaphthalene	310	U	310	590	590	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.105		18-112		70	SPK: -150
13127-88-3	Phenol-d6	110.375		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	74.105		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	87.8		20-109		88	SPK: -100
118-79-6	2,4,6-Tribromophenol	105.79		10-110		71	SPK: -150
1718-51-0	Terphenyl-d14	70.12		14-112		70	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78028	6.74				
1146-65-2	Naphthalene-d8	279333	8.016				
15067-26-2	Acenaphthene-d10	126045	9.775				
1517-22-2	Phenanthrene-d10	221334	11.275				
1719-03-5	Chrysene-d12	176230	13.939				
1520-96-3	Perylene-d12	146239	15.415				



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Report of Analysis

Client:		Date Collected:	10/9/2023 12:00:00 AM
Project:		Date Received:	10/9/2023 12:00:00 AM
Client Sample ID:	72-11930DL	SDG No.:	BF101723
Lab Sample ID:	O4817-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.3
Sample Wt/Vol:	50.06	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
BF135833.D	5	10/10/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156255

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

Client:		Date Collected:	10/6/2023 12:00:00 AM
Project:		Date Received:	10/6/2023 12:00:00 AM
Client Sample ID:	SU-03-100623DL	SDG No.:	BF101723
Lab Sample ID:	O4808-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
Sample Wt/Vol:	50.03 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
BF135834.D	5	10/9/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	240	U	240	860	1000	ug/Kg
110-86-1	Pyridine	230	U	230	410	540	ug/Kg
100-52-7	Benzaldehyde	470	U	470	860	1000	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	280	U	280	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	310	U	310	860	1000	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	270	U	270	410	540	ug/Kg
65794-96-9	3+4-Methylphenols	340	U	340	860	1000	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	190	U	190	250	250	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	350	U	350	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	1000	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	1000	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:	10/6/2023 12:00:00 AM
Project:		Date Received:	10/6/2023 12:00:00 AM
Client Sample ID:	SU-03-100623DL	SDG No.:	BF101723
Lab Sample ID:	O4808-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
Sample Wt/Vol:	50.03 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
BF135834.D	5	10/9/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	670	U	670	860	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	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	310	U	310	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	250	U	250	410	540	ug/Kg
Total PAH	Total PAH	15910	D	4560	410	8640	ug/Kg
51-28-5	2,4-Dinitrophenol	570	U	570	860	1000	ug/Kg
100-02-7	4-Nitrophenol	360	U	360	860	1000	ug/Kg
132-64-9	Dibenzofuran	240	U	240	410	540	ug/Kg
121-14-2	2,4-Dinitrotoluene	320	U	320	410	540	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	610	U	610	410	1080	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	340	JD	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	1000	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	310	U	310	410	540	ug/Kg
1912-24-9	Atrazine	300	U	300	410	540	ug/Kg
87-86-5	Pentachlorophenol	350	U	350	860	1000	ug/Kg
85-01-8	Phenanthrene	2000	D	290	410	540	ug/Kg
120-12-7	Anthracene	650	D	320	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	3100	D	300	410	540	ug/Kg

Report of Analysis

Client:		Date Collected:	10/6/2023 12:00:00 AM
Project:		Date Received:	10/6/2023 12:00:00 AM
Client Sample ID:	SU-03-100623DL	SDG No.:	BF101723
Lab Sample ID:	O4808-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
Sample Wt/Vol:	50.03 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
BF135834.D	5	10/9/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156207

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	610	U	610	860	1000	ug/Kg
129-00-0	Pyrene	2600	D	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	1000	ug/Kg
56-55-3	Benzo(a)anthracene	1400	D	270	410	540	ug/Kg
218-01-9	Chrysene	1200	D	280	410	540	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	360	U	360	410	540	ug/Kg
117-84-0	Di-n-octyl phthalate	390	U	390	860	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700	D	250	410	540	ug/Kg
207-08-9	Benzo(k)fluoranthene	450	JD	280	410	540	ug/Kg
50-32-8	Benzo(a)pyrene	1200	D	300	410	540	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	590	D	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	680	D	290	410	540	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	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	88.485		18-112		59	SPK: -150
13127-88-3	Phenol-d6	87.045		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	58.92		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	81.095		20-109		81	SPK: -100
118-79-6	2,4,6-Tribromophenol	90.51		10-110		60	SPK: -150
1718-51-0	Terphenyl-d14	73.17		14-112		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101656	6.74				
1146-65-2	Naphthalene-d8	359547	8.016				
15067-26-2	Acenaphthene-d10	156841	9.775				
1517-22-2	Phenanthrene-d10	286953	11.275				
1719-03-5	Chrysene-d12	203569	13.939				
1520-96-3	Perylene-d12	171811	15.421				



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Report of Analysis

Client:		Date Collected:	10/6/2023 12:00:00 AM
Project:		Date Received:	10/6/2023 12:00:00 AM
Client Sample ID:	SU-03-100623DL	SDG No.:	BF101723
Lab Sample ID:	O4808-01DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.4
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
BF135834.D	5	10/9/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156207

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

Client:		Date Collected:	9/27/2023 12:00:00 AM
Project:		Date Received:	9/27/2023 12:00:00 AM
Client Sample ID:	02DL	SDG No.:	BF101723
Lab Sample ID:	O4645-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.03	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
BF135835.D	5	9/28/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB155919

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2300	U	2300	8100	9800	ug/Kg
110-86-1	Pyridine	2200	U	2200	3900	5100	ug/Kg
100-52-7	Benzaldehyde	4400	U	4400	8100	9800	ug/Kg
62-53-3	Aniline	3500	U	3500	3900	5100	ug/Kg
108-95-2	Phenol	2200	U	2200	3900	5100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2700	U	2700	3900	5100	ug/Kg
95-57-8	2-Chlorophenol	2100	U	2100	3900	5100	ug/Kg
95-50-1	1,2-Dichlorobenzene	2400	U	2400	3900	5100	ug/Kg
541-73-1	1,3-Dichlorobenzene	2600	U	2600	3900	5100	ug/Kg
106-46-7	1,4-Dichlorobenzene	2500	U	2500	3900	5100	ug/Kg
100-51-6	Benzyl Alcohol	2900	U	2900	8100	9800	ug/Kg
95-48-7	2-Methylphenol	3400	U	3400	3900	5100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3100	U	3100	3900	5100	ug/Kg
98-86-2	Acetophenone	2600	U	2600	3900	5100	ug/Kg
65794-96-9	3+4-Methylphenols	3200	U	3200	8100	9800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800	U	1800	2400	2400	ug/Kg
67-72-1	Hexachloroethane	2200	U	2200	3900	5100	ug/Kg
98-95-3	Nitrobenzene	2200	U	2200	3900	5100	ug/Kg
78-59-1	Isophorone	2000	U	2000	3900	5100	ug/Kg
88-75-5	2-Nitrophenol	2800	U	2800	3900	5100	ug/Kg
105-67-9	2,4-Dimethylphenol	3000	U	3000	3900	5100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	3300	U	3300	3900	5100	ug/Kg
120-83-2	2,4-Dichlorophenol	2300	U	2300	3900	5100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2300	U	2300	3900	5100	ug/Kg
65-85-0	Benzoic acid	6400	U	6400	8100	9800	ug/Kg
91-20-3	Naphthalene	2400	U	2400	3900	5100	ug/Kg
106-47-8	4-Chloroaniline	3100	U	3100	3900	5100	ug/Kg
87-68-3	Hexachlorobutadiene	2500	U	2500	3900	5100	ug/Kg
105-60-2	Caprolactam	3500	U	3500	8100	9800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2500	U	2500	3900	5100	ug/Kg
91-57-6	2-Methylnaphthalene	2800	U	2800	3900	5100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2023 12:00:00 AM
Project:		Date Received:	9/27/2023 12:00:00 AM
Client Sample ID:	02DL	SDG No.:	BF101723
Lab Sample ID:	O4645-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.03	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
BF135835.D	5	9/28/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB155919

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	6300	U	6300	8100	9800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2300	U	2300	3900	5100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2600	U	2600	3900	5100	ug/Kg
92-52-4	1,1-Biphenyl	2700	U	2700	3900	5100	ug/Kg
91-58-7	2-Chloronaphthalene	2500	U	2500	3900	5100	ug/Kg
88-74-4	2-Nitroaniline	3000	U	3000	3900	5100	ug/Kg
131-11-3	Dimethylphthalate	2700	U	2700	3900	5100	ug/Kg
208-96-8	Acenaphthylene	2600	U	2600	3900	5100	ug/Kg
606-20-2	2,6-Dinitrotoluene	2700	U	2700	3900	5100	ug/Kg
99-09-2	3-Nitroaniline	2800	U	2800	3900	5100	ug/Kg
83-32-9	Acenaphthene	2400	U	2400	3900	5100	ug/Kg
Total PAH	Total PAH	42800	U	42800	3900	81600	ug/Kg
51-28-5	2,4-Dinitrophenol	5400	U	5400	8100	9800	ug/Kg
100-02-7	4-Nitrophenol	3400	U	3400	8100	9800	ug/Kg
132-64-9	Dibenzofuran	2300	U	2300	3900	5100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	6700	U	5700	3900	10200	ug/Kg
121-14-2	2,4-Dinitrotoluene	3000	U	3000	3900	5100	ug/Kg
84-66-2	Diethylphthalate	4000	JD	2600	3900	5100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2700	U	2700	3900	5100	ug/Kg
86-73-7	Fluorene	2500	U	2500	3900	5100	ug/Kg
100-01-6	4-Nitroaniline	3100	U	3100	3900	5100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2600	U	2600	8100	9800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2800	U	2800	3900	5100	ug/Kg
103-33-3	Azobenzene	2200	U	2200	3900	5100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2900	U	2900	3900	5100	ug/Kg
118-74-1	Hexachlorobenzene	2900	U	2900	3900	5100	ug/Kg
1912-24-9	Atrazine	2800	U	2800	3900	5100	ug/Kg
87-86-5	Pentachlorophenol	3300	U	3300	8100	9800	ug/Kg
85-01-8	Phenanthrene	2800	U	2800	3900	5100	ug/Kg
120-12-7	Anthracene	3000	U	3000	3900	5100	ug/Kg
86-74-8	Carbazole	2500	U	2500	3900	5100	ug/Kg
84-74-2	Di-n-butylphthalate	9300	D	3100	3900	5100	ug/Kg
206-44-0	Fluoranthene	2800	U	2800	3900	5100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2023 12:00:00 AM
Project:		Date Received:	9/27/2023 12:00:00 AM
Client Sample ID:	02DL	SDG No.:	BF101723
Lab Sample ID:	O4645-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.03	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
BF135835.D	5	9/28/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB155919

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	5800	U	5800	8100	9800	ug/Kg
129-00-0	Pyrene	2500	U	2500	3900	5100	ug/Kg
85-68-7	Butylbenzylphthalate	10200	D	3100	3900	5100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	4800	U	4800	8100	9800	ug/Kg
56-55-3	Benzo(a)anthracene	2500	U	2500	3900	5100	ug/Kg
218-01-9	Chrysene	2600	U	2600	3900	5100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	38200	D	3400	3900	5100	ug/Kg
117-84-0	Di-n-octyl phthalate	4100	JD	3700	8100	9800	ug/Kg
205-99-2	Benzo(b)fluoranthene	2400	U	2400	3900	5100	ug/Kg
207-08-9	Benzo(k)fluoranthene	2600	U	2600	3900	5100	ug/Kg
50-32-8	Benzo(a)pyrene	2800	U	2800	3900	5100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3200	U	3200	3900	5100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2900	U	2900	3900	5100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2800	U	2800	3900	5100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2700	U	2700	3900	5100	ug/Kg
123-91-1	1,4-Dioxane	3500	U	3500	3900	5100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2500	U	2500	3900	5100	ug/Kg
90-12-0	1-Methylnaphthalene	2700	U	2700	5100	5100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	185.245	*	18-112		123	SPK: -150
13127-88-3	Phenol-d6	170.27	*	15-107		114	SPK: -150
4165-60-0	Nitrobenzene-d5	114.965	*	18-107		115	SPK: -100
321-60-8	2-Fluorobiphenyl	142.535	*	20-109		143	SPK: -100
118-79-6	2,4,6-Tribromophenol	166.73	*	10-110		111	SPK: -150
1718-51-0	Terphenyl-d14	126.63	*	14-112		127	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68832	6.739				
1146-65-2	Naphthalene-d8	246594	8.016				
15067-26-2	Acenaphthene-d10	110966	9.775				
1517-22-2	Phenanthrene-d10	212487	11.274				
1719-03-5	Chrysene-d12	163573	13.939				
1520-96-3	Perylene-d12	132404	15.421				



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Report of Analysis

Client:		Date Collected:	9/27/2023 12:00:00 AM
Project:		Date Received:	9/27/2023 12:00:00 AM
Client Sample ID:	02DL	SDG No.:	BF101723
Lab Sample ID:	O4645-02DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	5.03	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
BF135835.D	5	9/28/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB155919

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

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	E9066-OB-003RE	SDG No.:	BF101723
Lab Sample ID:	O4703-05RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
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
BF135836.D	1	10/3/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156073

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.2	U	86.2	300	370	ug/Kg
110-86-1	Pyridine	80.7	U	80.7	140	190	ug/Kg
100-52-7	Benzaldehyde	170	U	170	300	370	ug/Kg
62-53-3	Aniline	130	U	130	140	190	ug/Kg
108-95-2	Phenol	83	U	83	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	140	190	ug/Kg
95-57-8	2-Chlorophenol	80.3	U	80.3	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	91.1	U	91.1	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	98.7	U	98.7	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	91.9	U	91.9	140	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	300	370	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	96.7	U	96.7	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	65.8	U	65.8	89.2	89.2	ug/Kg
67-72-1	Hexachloroethane	82.1	U	82.1	140	190	ug/Kg
98-95-3	Nitrobenzene	83.9	U	83.9	140	190	ug/Kg
78-59-1	Isophorone	75.9	U	75.9	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	87.1	U	87.1	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	86.4	U	86.4	140	190	ug/Kg
65-85-0	Benzoic acid	240	U	240	300	370	ug/Kg
91-20-3	Naphthalene	120	J	90.8	140	190	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	93.7	U	93.7	140	190	ug/Kg
105-60-2	Caprolactam	130	U	130	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	92	U	92	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	E9066-OB-003RE	SDG No.:	BF101723
Lab Sample ID:	O4703-05RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
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
BF135836.D	1	10/3/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156073

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	U	86	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98	U	98	140	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	94.3	U	94.3	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	99.1	U	99.1	140	190	ug/Kg
208-96-8	Acenaphthylene	98.6	U	98.6	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	140	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	140	190	ug/Kg
83-32-9	Acenaphthene	89.8	J	89.6	140	190	ug/Kg
Total PAH	Total PAH	3789.8		1605.2	140	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	85.8	U	85.8	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	140	190	ug/Kg
84-66-2	Diethylphthalate	95.8	U	95.8	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	140	190	ug/Kg
86-73-7	Fluorene	94.6	U	94.6	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	97.9	U	97.9	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	140	190	ug/Kg
103-33-3	Azobenzene	82	U	82	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	370	ug/Kg
85-01-8	Phenanthrene	500		100	140	190	ug/Kg
120-12-7	Anthracene	140	J	110	140	190	ug/Kg
86-74-8	Carbazole	94.7	U	94.7	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	140	190	ug/Kg
206-44-0	Fluoranthene	630		110	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	E9066-OB-003RE	SDG No.:	BF101723
Lab Sample ID:	O4703-05RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
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
BF135836.D	1	10/3/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156073

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	220	U	220	300	370	ug/Kg
129-00-0	Pyrene	570		93.3	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	370	ug/Kg
56-55-3	Benzo(a)anthracene	300		93.6	140	190	ug/Kg
218-01-9	Chrysene	280		96.8	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	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	400		89.6	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	98.3	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	280		110	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	J	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	190		100	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99.7	U	99.7	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	92.5	U	92.5	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	42.2		18-112		28	SPK: -150
13127-88-3	Phenol-d6	70.758		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	57.443		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	66.989		20-109		67	SPK: -100
118-79-6	2,4,6-Tribromophenol	18.091		10-110		12	SPK: -150
1718-51-0	Terphenyl-d14	63.131		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81979	6.74				
1146-65-2	Naphthalene-d8	281367	8.016				
15067-26-2	Acenaphthene-d10	112837	9.775				
1517-22-2	Phenanthrene-d10	200190	11.275				
1719-03-5	Chrysene-d12	147081	13.939				
1520-96-3	Perylene-d12	107654	15.427				



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

Report of Analysis

Client:		Date Collected:	10/2/2023 12:00:00 AM
Project:		Date Received:	10/2/2023 12:00:00 AM
Client Sample ID:	E9066-OB-003RE	SDG No.:	BF101723
Lab Sample ID:	O4703-05RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.6
Sample Wt/Vol:	30.09	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
BF135836.D	1	10/3/2023 12:00:00 AM	10/18/2023 12:00:00 AM	PB156073

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Hit Summary Sheet

SW-846

SDG No.: BF101723

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : 02DL								
O4645-02DL	02DL	Solid	Bis(2-ethylhexyl)phthalate	38,200.000	D	3400	5100	ug/Kg
O4645-02DL	02DL	Solid	Butylbenzylphthalate	10,200.000	D	3100	5100	ug/Kg
O4645-02DL	02DL	Solid	Di-n-butylphthalate	9,300.000	D	3100	5100	ug/Kg
O4645-02DL	02DL	Solid	Di-n-octyl phthalate	4,100.000	JD	3700	9800	ug/Kg
O4645-02DL	02DL	Solid	Diethylphthalate	4,000.000	JD	2600	5100	ug/Kg
Total Svoc :				65,800.00				
Total Concentration:				65,800.00				
Client ID : V-2(0-2IN)DL								
O4657-05DL	V-2(0-2IN)DL	Solid	Acenaphthene	500.000	JD	500	1100	ug/Kg
O4657-05DL	V-2(0-2IN)DL	Solid	Anthracene	1,200.000	D	630	1100	ug/Kg
O4657-05DL	V-2(0-2IN)DL	Solid	Benzo(a)anthracene	4,500.000	D	520	1100	ug/Kg
O4657-05DL	V-2(0-2IN)DL	Solid	Benzo(a)pyrene	4,600.000	D	580	1100	ug/Kg
O4657-05DL	V-2(0-2IN)DL	Solid	Benzo(b)fluoranthene	6,300.000	D	500	1100	ug/Kg
O4657-05DL	V-2(0-2IN)DL	Solid	Benzo(g,h,i)perylene	2,900.000	D	570	1100	ug/Kg
O4657-05DL	V-2(0-2IN)DL	Solid	Benzo(k)fluoranthene	1,900.000	D	540	1100	ug/Kg
O4657-05DL	V-2(0-2IN)DL	Solid	Bis(2-ethylhexyl)phthalate	1,000.000	JD	710	1100	ug/Kg
O4657-05DL	V-2(0-2IN)DL	Solid	Carbazole	850.000	JD	520	1100	ug/Kg
O4657-05DL	V-2(0-2IN)DL	Solid	Chrysene	4,400.000	D	540	1100	ug/Kg
O4657-05DL	V-2(0-2IN)DL	Solid	Dibenzo(a,h)anthracene	740.000	JD	600	1100	ug/Kg
O4657-05DL	V-2(0-2IN)DL	Solid	Fluoranthene	9,100.000	D	580	1100	ug/Kg
O4657-05DL	V-2(0-2IN)DL	Solid	Indeno(1,2,3-cd)pyrene	2,600.000	D	660	1100	ug/Kg
O4657-05DL	V-2(0-2IN)DL	Solid	Phenanthrene	6,000.000	D	570	1100	ug/Kg
O4657-05DL	V-2(0-2IN)DL	Solid	Pyrene	8,300.000	D	520	1100	ug/Kg
O4657-05DL	V-2(0-2IN)DL	Solid	Total PAH	53,040.000	D	8880	17600	ug/Kg
Total Svoc :				107,930.00				
Total Concentration:				107,930.00				
Client ID : V-1(0-2IN)RE								
O4657-07RE	V-1(0-2IN)RE	Solid	Acenaphthylene	280.000		110	210	ug/Kg
O4657-07RE	V-1(0-2IN)RE	Solid	Anthracene	430.000		130	210	ug/Kg
O4657-07RE	V-1(0-2IN)RE	Solid	Benzo(a)anthracene	1,100.000		100	210	ug/Kg
O4657-07RE	V-1(0-2IN)RE	Solid	Benzo(a)pyrene	970.000		120	210	ug/Kg
O4657-07RE	V-1(0-2IN)RE	Solid	Benzo(b)fluoranthene	1,300.000		99.1	210	ug/Kg
O4657-07RE	V-1(0-2IN)RE	Solid	Benzo(g,h,i)perylene	550.000		110	210	ug/Kg
O4657-07RE	V-1(0-2IN)RE	Solid	Benzo(k)fluoranthene	390.000		110	210	ug/Kg
O4657-07RE	V-1(0-2IN)RE	Solid	Chrysene	1,000.000		110	210	ug/Kg
O4657-07RE	V-1(0-2IN)RE	Solid	Dibenzo(a,h)anthracene	160.000	J	120	210	ug/Kg
O4657-07RE	V-1(0-2IN)RE	Solid	Fluoranthene	2,000.000		120	210	ug/Kg
O4657-07RE	V-1(0-2IN)RE	Solid	Fluorene	160.000	J	100	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF101723

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O4657-07RE	V-1(0-2IN)RE	Solid	Indeno(1,2,3-cd)pyrene	490.000		130	210	ug/Kg
O4657-07RE	V-1(0-2IN)RE	Solid	Naphthalene	160.000	J	100	210	ug/Kg
O4657-07RE	V-1(0-2IN)RE	Solid	Phenanthrene	1,300.000		110	210	ug/Kg
O4657-07RE	V-1(0-2IN)RE	Solid	Pyrene	1,800.000		100	210	ug/Kg
Total Svoc :				12,090.00				
Total Concentration:				12,090.00				
Client ID : E9066-OB-003RE								
O4703-05RE	E9066-OB-003RE	Solid	Acenaphthene	89.800	J	89.6	190	ug/Kg
O4703-05RE	E9066-OB-003RE	Solid	Anthracene	140.000	J	110	190	ug/Kg
O4703-05RE	E9066-OB-003RE	Solid	Benzo(a)anthracene	300.000		93.6	190	ug/Kg
O4703-05RE	E9066-OB-003RE	Solid	Benzo(a)pyrene	280.000		110	190	ug/Kg
O4703-05RE	E9066-OB-003RE	Solid	Benzo(b)fluoranthene	400.000		89.6	190	ug/Kg
O4703-05RE	E9066-OB-003RE	Solid	Benzo(g,h,i)perylene	190.000		100	190	ug/Kg
O4703-05RE	E9066-OB-003RE	Solid	Benzo(k)fluoranthene	150.000	J	98.3	190	ug/Kg
O4703-05RE	E9066-OB-003RE	Solid	Chrysene	280.000		96.8	190	ug/Kg
O4703-05RE	E9066-OB-003RE	Solid	Fluoranthene	630.000		110	190	ug/Kg
O4703-05RE	E9066-OB-003RE	Solid	Indeno(1,2,3-cd)pyrene	140.000	J	120	190	ug/Kg
O4703-05RE	E9066-OB-003RE	Solid	Naphthalene	120.000	J	90.8	190	ug/Kg
O4703-05RE	E9066-OB-003RE	Solid	Phenanthrene	500.000		100	190	ug/Kg
O4703-05RE	E9066-OB-003RE	Solid	Pyrene	570.000		93.3	190	ug/Kg
O4703-05RE	E9066-OB-003RE	Solid	Total PAH	3,789.000		1605.2	3040	ug/Kg
Total Svoc :				7,578.80				
Total Concentration:				7,578.80				
Client ID : MW-4B								
O4723-01	MW-4B	Water	2-Pentanone, 4-hydroxy-4-methyl *	18.300	A			
O4723-01	MW-4B	Water	Benzenesulfonamide, N,4-dimethyl *	2.100	J			
O4723-01	MW-4B	Water	Dodecane, 1-cyclopentyl-4-(3-cyclopentyl) *	2.100	J			
O4723-01	MW-4B	Water	n-Hexadecanoic acid *	3.900	J			
Total Tics :				26.40				
Total Concentration:				26.40				
Client ID : MW-5B								
O4723-02	MW-5B	Water	2-Hexyne, 4-methyl- *	29.600	J			
O4723-02	MW-5B	Water	2-Tolyloxirane *	88.600	J			
O4723-02	MW-5B	Water	Benzene, 1,2,3-trimethyl- *	32.000	J			
O4723-02	MW-5B	Water	Benzene, 1,3-diethyl- *	80.200	J			
O4723-02	MW-5B	Water	Benzene, 1,3-dimethyl- *	180.000	J			
O4723-02	MW-5B	Water	Benzene, 1-ethyl-2-methyl- *	63.600	J			
O4723-02	MW-5B	Water	Benzene, 1-ethyl-3-methyl- *	470.000	J			
O4723-02	MW-5B	Water	Benzene, 1-ethyl-4-methyl- *	120.000	J			
O4723-02	MW-5B	Water	Benzene, 1-methyl-2-propyl- *	54.100	J			
O4723-02	MW-5B	Water	Benzene, 1-methyl-3-(1-methylethyl) *	87.800	J			

Hit Summary Sheet SW-846

SDG No.: BF101723

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
O4723-02	MW-5B	Water	Benzene, 2-ethenyl-1,4-dimethyl-	*	38.300	J		
O4723-02	MW-5B	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	110.000	J		
O4723-02	MW-5B	Water	Benzene, propyl-	*	130.000	J		
O4723-02	MW-5B	Water	Cyclobutane, (1-methylethylidene	*	28.100	J		
O4723-02	MW-5B	Water	Cyclopentene, 1,2,3-trimethyl-	*	38.100	J		
O4723-02	MW-5B	Water	Indane	*	120.000	J		
Total Tics :					1,670.40			
O4723-02	MW-5B	Water	1-Methylnaphthalene		39.800	2.1	5	ug/L
O4723-02	MW-5B	Water	2-Methylnaphthalene		4.500	J 2.2	5	ug/L
O4723-02	MW-5B	Water	Naphthalene		61.600	1.7	5	ug/L
Total Svoc :					105.90			
Total Concentration:					1,776.30			
Client ID : MW-6A								
O4723-03	MW-6A	Water	Benzene, 1,2,3,5-tetramethyl-	*	3.500	J		
O4723-03	MW-6A	Water	Benzene, 1,2,3-trimethyl-	*	14.700	J		
O4723-03	MW-6A	Water	Benzene, 1,2,4,5-tetramethyl-	*	2.900	J		
O4723-03	MW-6A	Water	Benzene, 1-ethyl-2-methyl-	*	28.500	J		
O4723-03	MW-6A	Water	Benzene, 1-ethyl-3-methyl-	*	20.000	J		
O4723-03	MW-6A	Water	Benzene, 1-ethyl-4-methyl-	*	14.900	J		
O4723-03	MW-6A	Water	Benzene, 2-ethenyl-1,4-dimethyl-	*	7.500	J		
O4723-03	MW-6A	Water	Benzene, propyl-	*	10.800	J		
O4723-03	MW-6A	Water	Diethylene glycol dibenzoate	*	20.000	J		
O4723-03	MW-6A	Water	Indane	*	21.000	J		
Total Tics :					143.80			
O4723-03	MW-6A	Water	1-Methylnaphthalene		21.500	2.1	5	ug/L
O4723-03	MW-6A	Water	2,4-Dimethylphenol		7.500	3	5	ug/L
O4723-03	MW-6A	Water	2-Methylnaphthalene		36.400	2.2	5	ug/L
O4723-03	MW-6A	Water	2-Methylphenol		13.500	2.1	5	ug/L
O4723-03	MW-6A	Water	3+4-Methylphenols		18.300	2.2	10	ug/L
O4723-03	MW-6A	Water	Naphthalene		200.000	E 1.7	5	ug/L
Total Svoc :					297.20			
Total Concentration:					441.00			
Client ID : MW-7								
O4723-04	MW-7	Water	2-Pentanone, 4-hydroxy-4-methyl	*	19.400	A		
O4723-04	MW-7	Water	n-Hexadecanoic acid	*	2.600	J		
Total Tics :					22.00			
Total Concentration:					22.00			
Client ID : MW-1								
O4724-01	MW-1	Water	1-Tetracosene	*	2.600	J		
O4724-01	MW-1	Water	2-Pentanone, 4-hydroxy-4-methyl	*	23.200	A		
O4724-01	MW-1	Water	Tridecanoic acid	*	6.900	J		

Hit Summary Sheet SW-846

SDG No.: BF101723

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
O4724-01	MW-1	Water	Undecanoic acid	*	2.800	J		
Total Tics :						35.50		
Total Concentration:						35.50		
Client ID : MW-2A								
O4724-02	MW-2A	Water	2-Pentanone, 4-hydroxy-4-methyl	*	21.500	A		
O4724-02	MW-2A	Water	Cyclohexadecane	*	2.200	J		
O4724-02	MW-2A	Water	Tetradecanoic acid	*	2.100	J		
O4724-02	MW-2A	Water	Tridecanoic acid	*	4.400	J		
Total Tics :						30.20		
Total Concentration:						30.20		
Client ID : MW-2								
O4724-03	MW-2	Water	2-Pentanone, 4-hydroxy-4-methyl	*	20.600	A		
O4724-03	MW-2	Water	n-Hexadecanoic acid	*	5.500	J		
Total Tics :						26.10		
Total Concentration:						26.10		
Client ID : MW-4								
O4724-04	MW-4	Water	2-Pentanone, 4-hydroxy-4-methyl	*	20.400	A		
O4724-04	MW-4	Water	2-Pentanone, 4-methoxy-4-methyl	*	2.100	J		
O4724-04	MW-4	Water	n-Hexadecanoic acid	*	9.700	J		
O4724-04	MW-4	Water	Tetradecanoic acid	*	4.000	J		
Total Tics :						36.20		
Total Concentration:						36.20		
Client ID : BW1D								
O4740-02	BW1D	Water	2-Pentanone, 4-hydroxy-4-methyl	*	3.500	A		
O4740-02	BW1D	Water	Cyclohexadecane	*	4.700	J		
O4740-02	BW1D	Water	n-Hexadecanoic acid	*	9.600	J		
O4740-02	BW1D	Water	Tetradecanoic acid	*	3.600	J		
Total Tics :						21.40		
Total Concentration:						21.40		
Client ID : SU-03-100623DL								
O4808-01DL	SU-03-100623DL	Solid	Anthracene		650.000	D	320	ug/Kg
O4808-01DL	SU-03-100623DL	Solid	Benzo(a)anthracene		1,400.000	D	270	ug/Kg
O4808-01DL	SU-03-100623DL	Solid	Benzo(a)pyrene		1,200.000	D	300	ug/Kg
O4808-01DL	SU-03-100623DL	Solid	Benzo(b)fluoranthene		1,700.000	D	250	ug/Kg
O4808-01DL	SU-03-100623DL	Solid	Benzo(g,h,i)perylene		680.000	D	290	ug/Kg
O4808-01DL	SU-03-100623DL	Solid	Benzo(k)fluoranthene		450.000	JD	280	ug/Kg
O4808-01DL	SU-03-100623DL	Solid	Chrysene		1,200.000	D	280	ug/Kg
O4808-01DL	SU-03-100623DL	Solid	Fluoranthene		3,100.000	D	300	ug/Kg
O4808-01DL	SU-03-100623DL	Solid	Fluorene		340.000	JD	270	ug/Kg
O4808-01DL	SU-03-100623DL	Solid	Indeno(1,2,3-cd)pyrene		590.000	D	340	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF101723

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O4808-01DL	SU-03-100623DL	Solid	Phenanthrene	2,000.000	D	290	540	ug/Kg
O4808-01DL	SU-03-100623DL	Solid	Pyrene	2,600.000	D	270	540	ug/Kg
O4808-01DL	SU-03-100623DL	Solid	Total PAH	15,910.000	D	4560	8640	ug/Kg
Total Svoc :				31,820.00				
Total Concentration:				31,820.00				
Client ID : VNJ-223DL								
O4812-01DL	VNJ-223DL	Solid	Acenaphthene	3,200.000	D	1200	2500	ug/Kg
O4812-01DL	VNJ-223DL	Solid	Anthracene	6,900.000	D	1500	2500	ug/Kg
O4812-01DL	VNJ-223DL	Solid	Benzo(a)anthracene	19,200.000	D	1300	2500	ug/Kg
O4812-01DL	VNJ-223DL	Solid	Benzo(a)pyrene	22,500.000	D	1400	2500	ug/Kg
O4812-01DL	VNJ-223DL	Solid	Benzo(b)fluoranthene	31,200.000	D	1200	2500	ug/Kg
O4812-01DL	VNJ-223DL	Solid	Benzo(g,h,i)perylene	18,000.000	D	1400	2500	ug/Kg
O4812-01DL	VNJ-223DL	Solid	Benzo(k)fluoranthene	10,100.000	D	1300	2500	ug/Kg
O4812-01DL	VNJ-223DL	Solid	Carbazole	1,300.000	JD	1300	2500	ug/Kg
O4812-01DL	VNJ-223DL	Solid	Chrysene	16,900.000	D	1300	2500	ug/Kg
O4812-01DL	VNJ-223DL	Solid	Dibenzo(a,h)anthracene	4,000.000	D	1400	2500	ug/Kg
O4812-01DL	VNJ-223DL	Solid	Dibenzofuran	1,600.000	JD	1200	2500	ug/Kg
O4812-01DL	VNJ-223DL	Solid	Fluoranthene	37,800.000	D	1400	2500	ug/Kg
O4812-01DL	VNJ-223DL	Solid	Fluorene	3,400.000	D	1300	2500	ug/Kg
O4812-01DL	VNJ-223DL	Solid	Indeno(1,2,3-cd)pyrene	15,000.000	D	1600	2500	ug/Kg
O4812-01DL	VNJ-223DL	Solid	Phenanthrene	11,400.000	D	1400	2500	ug/Kg
O4812-01DL	VNJ-223DL	Solid	Pyrene	30,100.000	D	1300	2500	ug/Kg
O4812-01DL	VNJ-223DL	Solid	Total PAH	229,700.000	D	21500	40000	ug/Kg
Total Svoc :				462,300.00				
Total Concentration:				462,300.00				
Client ID : VNJ-223RE								
O4812-01RE	VNJ-223RE	Solid	Acenaphthene	2,800.000		240	510	ug/Kg
O4812-01RE	VNJ-223RE	Solid	Anthracene	5,600.000		310	510	ug/Kg
O4812-01RE	VNJ-223RE	Solid	Benzo(a)anthracene	15,500.000	E	250	510	ug/Kg
O4812-01RE	VNJ-223RE	Solid	Benzo(a)pyrene	17,900.000	E	280	510	ug/Kg
O4812-01RE	VNJ-223RE	Solid	Benzo(b)fluoranthene	23,800.000	E	240	510	ug/Kg
O4812-01RE	VNJ-223RE	Solid	Benzo(g,h,i)perylene	15,000.000	E	280	510	ug/Kg
O4812-01RE	VNJ-223RE	Solid	Benzo(k)fluoranthene	7,200.000		260	510	ug/Kg
O4812-01RE	VNJ-223RE	Solid	Bis(2-ethylhexyl)phthalate	1,000.000		340	510	ug/Kg
O4812-01RE	VNJ-223RE	Solid	Carbazole	1,200.000		250	510	ug/Kg
O4812-01RE	VNJ-223RE	Solid	Chrysene	15,400.000	E	260	510	ug/Kg
O4812-01RE	VNJ-223RE	Solid	Dibenzo(a,h)anthracene	3,500.000		290	510	ug/Kg
O4812-01RE	VNJ-223RE	Solid	Dibenzofuran	1,300.000		230	510	ug/Kg
O4812-01RE	VNJ-223RE	Solid	Fluoranthene	25,800.000	E	280	510	ug/Kg
O4812-01RE	VNJ-223RE	Solid	Fluorene	2,800.000		250	510	ug/Kg
O4812-01RE	VNJ-223RE	Solid	Indeno(1,2,3-cd)pyrene	12,500.000	E	320	510	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF101723

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O4812-01RE	VNJ-223RE	Solid	Phenanthrene	8,600.000	E	280	510	ug/Kg
O4812-01RE	VNJ-223RE	Solid	Pyrene	23,300.000	E	250	510	ug/Kg
O4812-01RE	VNJ-223RE	Solid	Total PAH	179,700.000		4300	8160	ug/Kg
Total Svoc :				362,900.00				
Total Concentration:				362,900.00				
Client ID : 72-11930DL								
O4817-01DL	72-11930DL	Solid	Acenaphthene	1,100.000	D	280	590	ug/Kg
O4817-01DL	72-11930DL	Solid	Anthracene	830.000	D	350	590	ug/Kg
O4817-01DL	72-11930DL	Solid	Benzo(a)anthracene	680.000	D	290	590	ug/Kg
O4817-01DL	72-11930DL	Solid	Benzo(b)fluoranthene	390.000	JD	280	590	ug/Kg
O4817-01DL	72-11930DL	Solid	Carbazole	400.000	JD	290	590	ug/Kg
O4817-01DL	72-11930DL	Solid	Chrysene	580.000	JD	300	590	ug/Kg
O4817-01DL	72-11930DL	Solid	Dibenzofuran	1,200.000	D	270	590	ug/Kg
O4817-01DL	72-11930DL	Solid	Fluoranthene	4,500.000	D	330	590	ug/Kg
O4817-01DL	72-11930DL	Solid	Fluorene	1,900.000	D	290	590	ug/Kg
O4817-01DL	72-11930DL	Solid	Phenanthrene	6,200.000	D	320	590	ug/Kg
O4817-01DL	72-11930DL	Solid	Pyrene	2,600.000	D	290	590	ug/Kg
O4817-01DL	72-11930DL	Solid	Total PAH	18,780.000	D	4970	9440	ug/Kg
Total Svoc :				39,160.00				
Total Concentration:				39,160.00				
Client ID : 72-11995								
O4878-01	72-11995	Solid	11H-Benzo[a]fluoren-11-one	*	97.000	J		
O4878-01	72-11995	Solid	11H-Benzo[b]fluorene	*	49.500	J		
O4878-01	72-11995	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	300.000	A		
O4878-01	72-11995	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	61.700	J		
O4878-01	72-11995	Solid	Benzo[e]pyrene	*	130.000	J		
O4878-01	72-11995	Solid	Heneicosane	*	240.000	J		
O4878-01	72-11995	Solid	Nonadecane	*	91.100	J		
O4878-01	72-11995	Solid	Perylene	*	500.000	J		
O4878-01	72-11995	Solid	Phenanthrene, 1-methyl-	*	270.000	J		
O4878-01	72-11995	Solid	Pyrido[2,3-g]indole, 5-methoxy-2-	*	96.100	J		
Total Tics :				1,835.40				
O4878-01	72-11995	Solid	Benzo(a)anthracene		590.000		56.9	120 ug/Kg
O4878-01	72-11995	Solid	Benzo(a)pyrene		600.000		64	120 ug/Kg
O4878-01	72-11995	Solid	Benzo(b)fluoranthene		970.000		54.5	120 ug/Kg
O4878-01	72-11995	Solid	Benzo(g,h,i)perylene		370.000		62.8	120 ug/Kg
O4878-01	72-11995	Solid	Benzo(k)fluoranthene		310.000		59.8	120 ug/Kg
O4878-01	72-11995	Solid	Carbazole		75.000	J	57.6	120 ug/Kg
O4878-01	72-11995	Solid	Chrysene		680.000		58.9	120 ug/Kg
O4878-01	72-11995	Solid	Dibenzo(a,h)anthracene		99.900	J	65.5	120 ug/Kg
O4878-01	72-11995	Solid	Fluoranthene		1,300.000		64	120 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF101723

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O4878-01	72-11995	Solid	Indeno(1,2,3-cd)pyrene	350.000		72.6	120	ug/Kg
O4878-01	72-11995	Solid	Phenanthrene	570.000		62.9	120	ug/Kg
O4878-01	72-11995	Solid	Pyrene	830.000		56.8	120	ug/Kg
Total Svoc :				6,744.90				
Total Concentration:				8,580.30				
Client ID : 222								
O4878-03	222	Solid	1-Propanone, 1-(2,4-dimethylpher *	78.600	J			
O4878-03	222	Solid	2-Pentanone, 4-hydroxy-4-methyl *	340.000	A			
O4878-03	222	Solid	3-Ethyl-2,6,10-trimethylundecane *	270.000	J			
O4878-03	222	Solid	6-Tridecene, 7-methyl- *	160.000	J			
O4878-03	222	Solid	Benzene, 1,3,5-trimethyl-2-propyl *	79.300	J			
O4878-03	222	Solid	Decahydro-1,1,4a,5,6-pentamethy *	250.000	J			
O4878-03	222	Solid	Naphthalene, 1,2,3,4-tetrahydro-1. *	120.000	J			
O4878-03	222	Solid	Nonane, 3,7-dimethyl- *	150.000	J			
O4878-03	222	Solid	Octyl tetracosyl ether *	290.000	J			
O4878-03	222	Solid	unknown8.298 *	100.000	J			
O4878-03	222	Solid	unknown8.692 *	150.000	J			
O4878-03	222	Solid	unknown8.751 *	150.000	J			
O4878-03	222	Solid	unknown8.787 *	140.000	J			
O4878-03	222	Solid	unknown8.892 *	150.000	J			
O4878-03	222	Solid	unknown9.481 *	240.000	J			
O4878-03	222	Solid	unknown9.534 *	130.000	J			
O4878-03	222	Solid	unknown9.592 *	82.000	J			
O4878-03	222	Solid	unknown9.639 *	370.000	J			
O4878-03	222	Solid	unknown9.686 *	450.000	J			
O4878-03	222	Solid	unknown9.728 *	170.000	J			
Total Tics :				3,869.90				
O4878-03	222	Solid	Bis(2-ethylhexyl)phthalate	91.700	J	76.6	110	ug/Kg
Total Svoc :				91.70				
Total Concentration:				3,961.60				
Client ID : 283								
O4878-05	283	Solid	1H-Cyclopenta[1]phenanthrene, 2, *	400.000	J			
O4878-05	283	Solid	Decahydro-1,1,4a,5,6-pentamethy *	130.000	J			
O4878-05	283	Solid	Dodecane *	160.000	J			
O4878-05	283	Solid	Heptacosane *	480.000	J			
O4878-05	283	Solid	n-Hexadecanoic acid *	330.000	J			
O4878-05	283	Solid	Naphthalene, 1,4,6-trimethyl- *	120.000	J			
O4878-05	283	Solid	Naphthalene, 1,4-dimethyl- *	80.300	J			
O4878-05	283	Solid	Naphthalene, 2,7-dimethyl- *	120.000	J			
O4878-05	283	Solid	Octacosane *	90.800	J			
O4878-05	283	Solid	Phosphetane, 2,2,3,4,4-pentameth *	220.000	J			

Hit Summary Sheet SW-846

SDG No.: BF101723

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O4878-05	283	Solid	Propane, 2-methyl-2-(1-methyleth	*	280.000	J		
O4878-05	283	Solid	Tetradecane, 3-methyl-	*	500.000	J		
O4878-05	283	Solid	unknown10.098	*	180.000	J		
O4878-05	283	Solid	unknown10.140	*	170.000	J		
O4878-05	283	Solid	unknown10.175	*	350.000	J		
O4878-05	283	Solid	unknown6.446	*	130.000	J		
O4878-05	283	Solid	unknown9.469	*	170.000	J		
O4878-05	283	Solid	unknown9.628	*	160.000	J		
O4878-05	283	Solid	unknown9.675	*	270.000	J		
O4878-05	283	Solid	unknown9.710	*	110.000	J		
Total Tics :					4,451.10			
O4878-05	283	Solid	Benzo(a)anthracene		170.000	66.1	130	ug/Kg
O4878-05	283	Solid	Benzo(a)pyrene		160.000	74.3	130	ug/Kg
O4878-05	283	Solid	Benzo(b)fluoranthene		280.000	63.2	130	ug/Kg
O4878-05	283	Solid	Benzo(g,h,i)perylene	J	120.000	72.8	130	ug/Kg
O4878-05	283	Solid	Benzo(k)fluoranthene	J	96.200	69.4	130	ug/Kg
O4878-05	283	Solid	Bis(2-ethylhexyl)phthalate		570.000	90.6	130	ug/Kg
O4878-05	283	Solid	Chrysene		210.000	68.4	130	ug/Kg
O4878-05	283	Solid	Di-n-octyl phthalate	J	97.800	96.9	260	ug/Kg
O4878-05	283	Solid	Fluoranthene		470.000	74.3	130	ug/Kg
O4878-05	283	Solid	Indeno(1,2,3-cd)pyrene	J	96.600	84.3	130	ug/Kg
O4878-05	283	Solid	Phenanthrene		250.000	73	130	ug/Kg
O4878-05	283	Solid	Pyrene		310.000	65.9	130	ug/Kg
Total Svoc :					2,830.60			
Total Concentration:					7,281.70			
Client ID : EO-02-10132023-A								
O4892-01	EO-02-10132023-A	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c	*	350.000	J		
O4892-01	EO-02-10132023-A	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	530.000	A		
O4892-01	EO-02-10132023-A	Solid	4H-Cyclopenta[def]phenanthrene	*	88.600	J		
O4892-01	EO-02-10132023-A	Solid	n-Hexadecanoic acid	*	310.000	J		
O4892-01	EO-02-10132023-A	Solid	Tetradecane	*	100.000	J		
Total Tics :					1,378.60			
O4892-01	EO-02-10132023-A	Solid	Benzo(a)anthracene	J	130.000	110	220	ug/Kg
O4892-01	EO-02-10132023-A	Solid	Benzo(a)pyrene	J	140.000	120	220	ug/Kg
O4892-01	EO-02-10132023-A	Solid	Benzo(b)fluoranthene	J	170.000	110	220	ug/Kg
O4892-01	EO-02-10132023-A	Solid	Chrysene	J	130.000	110	220	ug/Kg
O4892-01	EO-02-10132023-A	Solid	Fluoranthene		310.000	120	220	ug/Kg
O4892-01	EO-02-10132023-A	Solid	Phenanthrene	J	200.000	120	220	ug/Kg
O4892-01	EO-02-10132023-A	Solid	Pyrene		260.000	110	220	ug/Kg
Total Svoc :					1,340.00			
Total Concentration:					2,718.60			

Hit Summary Sheet SW-846

SDG No.: BF101723

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : EO-03-10132023-A								
O4892-03	EO-03-10132023-A	Solid	2-Pentanone, 4-hydroxy-4-methyl *	400.000	A			
O4892-03	EO-03-10132023-A	Solid	Dodecane, 2,6,11-trimethyl-	100.000	J			
O4892-03	EO-03-10132023-A	Solid	n-Hexadecanoic acid	220.000	J			
Total Tics :				720.00				
O4892-03	EO-03-10132023-A	Solid	Benzo(a)anthracene	190.000	J	110	220	ug/Kg
O4892-03	EO-03-10132023-A	Solid	Benzo(a)pyrene	190.000	J	120	220	ug/Kg
O4892-03	EO-03-10132023-A	Solid	Benzo(b)fluoranthene	250.000		100	220	ug/Kg
O4892-03	EO-03-10132023-A	Solid	Chrysene	180.000	J	110	220	ug/Kg
O4892-03	EO-03-10132023-A	Solid	Fluoranthene	350.000		120	220	ug/Kg
O4892-03	EO-03-10132023-A	Solid	Phenanthrene	250.000		120	220	ug/Kg
O4892-03	EO-03-10132023-A	Solid	Pyrene	330.000		110	220	ug/Kg
Total Svoc :				1,740.00				
Total Concentration:				2,460.00				
Client ID : EO-03-10132023-B								
O4892-05	EO-03-10132023-B	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	300.000	J			
O4892-05	EO-03-10132023-B	Solid	2-Pentanone, 4-hydroxy-4-methyl *	470.000	A			
O4892-05	EO-03-10132023-B	Solid	Anthracene, 2-methyl-	98.600	J			
O4892-05	EO-03-10132023-B	Solid	Benzaldehyde, 3,5-dichloro-2-hyd *	150.000	J			
O4892-05	EO-03-10132023-B	Solid	Eicosane	110.000	J			
O4892-05	EO-03-10132023-B	Solid	Heptacosane	97.700	J			
O4892-05	EO-03-10132023-B	Solid	Hexadecane	180.000	J			
O4892-05	EO-03-10132023-B	Solid	Octacosane	94.200	J			
O4892-05	EO-03-10132023-B	Solid	Pentadecane	170.000	J			
O4892-05	EO-03-10132023-B	Solid	Pentadecane, 7-methyl-	130.000	J			
O4892-05	EO-03-10132023-B	Solid	Tetradecane	170.000	J			
O4892-05	EO-03-10132023-B	Solid	Undecane	270.000	J			
Total Tics :				2,240.50				
O4892-05	EO-03-10132023-B	Solid	Benzo(a)anthracene	320.000		110	230	ug/Kg
O4892-05	EO-03-10132023-B	Solid	Benzo(a)pyrene	320.000		130	230	ug/Kg
O4892-05	EO-03-10132023-B	Solid	Benzo(b)fluoranthene	420.000		110	230	ug/Kg
O4892-05	EO-03-10132023-B	Solid	Benzo(g,h,i)perylene	200.000	J	120	230	ug/Kg
O4892-05	EO-03-10132023-B	Solid	Benzo(k)fluoranthene	140.000	J	120	230	ug/Kg
O4892-05	EO-03-10132023-B	Solid	Chrysene	300.000		120	230	ug/Kg
O4892-05	EO-03-10132023-B	Solid	Fluoranthene	650.000		130	230	ug/Kg
O4892-05	EO-03-10132023-B	Solid	Indeno(1,2,3-cd)pyrene	180.000	J	140	230	ug/Kg
O4892-05	EO-03-10132023-B	Solid	Phenanthrene	310.000		120	230	ug/Kg
O4892-05	EO-03-10132023-B	Solid	Pyrene	620.000		110	230	ug/Kg
Total Svoc :				3,460.00				
Total Concentration:				5,700.50				

Client ID : A-1

Hit Summary Sheet

SW-846

SDG No.: BF101723

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
O4895-01	A-1	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-diol	*	330.000	J		
O4895-01	A-1	Solid	9-Octadecenoic acid (Z)-, methyl ester	*	86.100	J		
O4895-01	A-1	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	110.000	J		
O4895-01	A-1	Solid	n-Hexadecanoic acid	*	490.000	J		
O4895-01	A-1	Solid	Octadecanoic acid	*	120.000	J		
O4895-01	A-1	Solid	Pentafluoropropionic acid, tetradecanoate	*	290.000	J		
O4895-01	A-1	Solid	unknown4.963	*	1,800.000	J		
Total Tics :					3,226.10			
Total Concentration:					3,226.10			
Client ID : A-2								
O4895-02	A-2	Solid	1-Tricosene	*	140.000	J		
O4895-02	A-2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	870.000	A		
O4895-02	A-2	Solid	n-Hexadecanoic acid	*	280.000	J		
O4895-02	A-2	Solid	Supraene	*	160.000	J		
Total Tics :					1,450.00			
Total Concentration:					1,450.00			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BF101323

SAS No.: BF101323

SDG No.: BF101323

Instrument ID:

Calibration Date(s): 10/13/2023

Calibration Time(s): 11:53

LAB FILE ID:		RRF2.5 = BF135747.D			RRF005 = BF135748.D		RRF010 = BF135749.D	
		RRF020 = BF135750.D			RRF040 = BF135751.D		RRF050 = BF135752.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.717	0.643	0.812	0.821	0.827	0.792	10.4
Pyridine		1.349	1.388	1.458	1.499	1.526	1.472	5.3
2-Fluorophenol		1.260	1.201	1.406	1.233	1.217	1.244	6.1
Benzaldehyde		1.097	0.988	1.027	0.831	0.786	0.883	17.2
Aniline		2.127	1.995	2.201	1.917	1.838	1.953	8.3
Phenol-d6		1.728	1.583	1.745	1.475	1.465	1.552	8.7
Phenol		1.705	1.646	1.856	1.605	1.547	1.626	7.6
bis(2-Chloroethyl)ether		1.352	1.242	1.411	1.304	1.286	1.310	4.2
2-Chlorophenol		1.425	1.335	1.491	1.306	1.290	1.341	6.3
1,2-Dichlorobenzene		1.373	1.320	1.384	1.196	1.171	1.240	9.4
1,3-Dichlorobenzene		1.483	1.382	1.474	1.316	1.298	1.360	6.4
1,4-Dichlorobenzene		1.499	1.423	1.487	1.338	1.306	1.378	6.6
Benzyl Alcohol		1.075	1.080	1.158	1.008	0.969	1.032	7.2
2-Methylphenol		1.245	1.218	1.293	1.101	1.068	1.161	7.6
2,2-oxybis(1-Chloropropane)		2.613	2.557	2.635	2.272	2.167	2.370	9.3
Acetophenone		0.511	0.494	0.497	0.455	0.409	0.459	9.1
3+4-Methylphenols		1.640	1.616	1.645	1.379	1.271	1.448	12.3
n-Nitroso-di-n-propylamine	1.030	1.096	1.072	1.055	0.872	0.826	0.960	11.8
Nitrobenzene-d5		0.373	0.373	0.384	0.365	0.337	0.364	4.2
Hexachloroethane		0.542	0.509	0.546	0.471	0.462	0.500	6.7
Nitrobenzene		0.365	0.367	0.386	0.376	0.341	0.365	3.8
Isophorone		0.711	0.687	0.717	0.691	0.622	0.686	4.5
2-Nitrophenol		0.170	0.170	0.189	0.188	0.171	0.178	4.6
2,4-Dimethylphenol		0.292	0.301	0.318	0.301	0.273	0.293	5.1
bis(2-Chloroethoxy)methane		0.421	0.415	0.443	0.424	0.375	0.409	5.9
2,4-Dichlorophenol		0.272	0.279	0.294	0.285	0.258	0.275	4.4
1,2,4-Trichlorobenzene		0.300	0.293	0.299	0.282	0.263	0.281	6.0
Benzoic acid		0.139	0.158	0.197	0.222	0.206	0.198	18.8
Naphthalene		1.061	1.027	1.045	0.986	0.903	0.976	7.3
4-Chloroaniline		0.449	0.448	0.454	0.431	0.405	0.426	6.0
Hexachlorobutadiene		0.177	0.168	0.176	0.171	0.158	0.166	5.2
Caprolactam		0.091	0.094	0.092	0.098	0.093	0.094	3.6
4-Chloro-3-methylphenol		0.306	0.306	0.305	0.321	0.297	0.305	2.7
2-Methylnaphthalene		0.710	0.694	0.649	0.663	0.599	0.643	7.7
Hexachlorocyclopentadiene			0.009	0.028	0.062	0.075	0.065	63.5
2,4,6-Trichlorophenol		0.380	0.370	0.394	0.382	0.360	0.371	4.1

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.: BF101323

SAS No.: BF101323

SDG No.: BF101323

Instrument ID: _____

Calibration Date(s): 10/13/2023

Calibration Time(s): 11:53

LAB FILE ID:		RRF2.5 = BF135747.D		RRF005 = BF135748.D		RRF010 = BF135749.D		
		RRF020 = BF135750.D		RRF040 = BF135751.D		RRF050 = BF135752.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.509	1.446	1.424	1.254	1.147	1.279	14.1
2,4,5-Trichlorophenol		0.440	0.429	0.456	0.445	0.418	0.431	3.8
1,1-Biphenyl		1.671	1.622	1.684	1.544	1.427	1.532	8.6
2-Chloronaphthalene		1.143	1.158	1.204	1.109	1.031	1.104	6.1
2-Nitroaniline		0.427	0.427	0.453	0.445	0.426	0.436	2.4
Dimethylphthalate		1.442	1.380	1.418	1.334	1.239	1.350	5.2
Acenaphthylene		2.019	2.002	1.989	1.789	1.654	1.827	9.4
2,6-Dinitrotoluene		0.294	0.299	0.310	0.294	0.276	0.290	4.2
3-Nitroaniline		0.354	0.355	0.371	0.360	0.340	0.356	2.9
Acenaphthene		1.150	1.170	1.196	1.103	1.023	1.095	7.2
2,4-Dinitrophenol			0.091	0.105	0.131	0.135	0.121	18.7
4-Nitrophenol			0.081	0.132	0.152	0.150	0.140	22.0
Dibenzofuran		1.840	1.791	1.824	1.637	1.494	1.653	9.9
2,4-Dinitrotoluene		0.379	0.393	0.398	0.366	0.336	0.369	6.0
Diethylphthalate		1.489	1.468	1.495	1.339	1.279	1.378	7.3
4-Chlorophenyl-phenylether		0.719	0.676	0.701	0.600	0.558	0.625	11.4
Fluorene		1.470	1.415	1.452	1.234	1.159	1.294	11.3
4-Nitroaniline		0.311	0.328	0.354	0.324	0.307	0.327	4.9
4,6-Dinitro-2-methylphenol		0.064	0.086	0.104	0.114	0.105	0.101	18.9
n-Nitrosodiphenylamine		0.650	0.637	0.652	0.638	0.553	0.610	7.2
Azobenzene		1.373	1.428	1.450	1.327	1.217	1.339	6.2
2,4,6-Tribromophenol		0.201	0.200	0.211	0.192	0.173	0.192	7.0
4-Bromophenyl-phenylether		0.211	0.205	0.215	0.211	0.184	0.201	6.3
Hexachlorobenzene		0.219	0.212	0.217	0.211	0.189	0.204	6.8
Atrazine		0.182	0.181	0.181	0.170	0.148	0.166	9.9
Pentachlorophenol		0.057	0.070	0.080	0.090	0.082	0.081	16.1
Phenanthrene		1.072	1.008	1.044	0.986	0.862	0.958	9.5
Anthracene		1.085	1.048	1.084	1.048	0.901	0.993	9.3
Carbazole		1.004	0.974	1.002	0.976	0.846	0.926	8.6
Di-n-butylphthalate		1.231	1.209	1.242	1.232	1.033	1.137	10.1
Fluoranthene		1.175	1.118	1.172	1.124	0.972	1.063	10.1
Benzidine		0.646	0.586	0.422	0.440	0.318	0.436	30.7
Pyrene		1.702	1.651	1.593	1.587	1.482	1.589	4.5
Terphenyl-d14		1.233	1.206	1.114	1.040	0.972	1.080	9.9
Butylbenzylphthalate		0.714	0.675	0.704	0.729	0.679	0.698	2.8
3,3-Dichlorobenzidine		0.467	0.453	0.472	0.446	0.398	0.436	7.0

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.: BF101323 SAS No.: BF101323 SDG No.: BF101323
Instrument ID: _____ Calibration Date(s): 10/13/2023
Calibration Time(s): 11:53

LAB FILE ID:		RRF2.5 = BF135747.D			RRF005 = BF135748.D		RRF010 = BF135749.D	
		RRF020 = BF135750.D			RRF040 = BF135751.D		RRF050 = BF135752.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.359	1.300	1.375	1.370	1.247	1.314	4.1
Chrysene		1.350	1.267	1.351	1.300	1.195	1.272	5.0
Bis(2-ethylhexyl)phthalate		0.996	0.920	0.990	0.985	0.897	0.947	4.4
Di-n-octyl phthalate		1.597	1.494	1.619	1.543	1.377	1.501	6.0
Benzo(b)fluoranthene		1.091	1.057	1.207	1.196	1.123	1.119	5.3
Benzo(k)fluoranthene		1.150	1.124	1.240	1.071	0.982	1.087	8.5
Benzo(a)pyrene		1.086	1.042	1.115	1.083	0.991	1.053	4.2
Indeno(1,2,3-cd)pyrene		1.034	1.005	1.108	1.097	1.131	1.090	4.7
Dibenzo(a,h)anthracene		0.854	0.828	0.907	0.908	0.920	0.893	4.3
Benzo(g,h,i)perylene		0.839	0.790	0.904	0.951	0.995	0.918	8.5
1,2,4,5-Tetrachlorobenzene		0.598	0.582	0.628	0.592	0.552	0.575	5.9
1,4-Dioxane		0.592	0.582	0.625	0.576	0.585	0.600	4.4
2,3,4,6-Tetrachlorophenol		0.323	0.333	0.343	0.330	0.318	0.326	3.0
1-Methylnaphthalene		0.641	0.632	0.612	0.610	0.552	0.593	6.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BF101723 SAS No.: BF101723 SDG NO.: BF101723EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 17 2023 12:00AMLab File ID: BF135751.D Time Analyzed: 10:56Instrument 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	120513	6.739	453899	8.02	234981	9.78
	UPPER LIMIT	241026	7.239	907798	8.522	469962	10.28
	LOWER LIMIT	60256.5	6.239	226949.5	7.522	117490.5	9.28
	EPA SAMPLE NO.						
01	PB156118BL	117867	6.73	454123	8.02	246116	9.78
02	PB156118BS	124360	6.74	506093	8.02	256466	9.78
03	PB156118BSD	126557	6.74	512507	8.02	261066	9.78
04	PB156372BS	123647	6.74	494613	8.02	260971	9.78
05	PB156372BSD	134537	6.74	522108	8.02	280322	9.78
06	MW-4	69526	6.73	254542	8.02	119358	9.78
07	MW-2	77868	6.73	296225	8.02	139524	9.78
08	MW-1	75144	6.74	283291	8.02	130354	9.77
09	MW-2A	82658	6.73	276750	8.02	131657	9.77
10	MW-7	85140	6.73	296801	8.02	139798	9.78
11	PB156288BL	102805	6.73	404715	8.02	214760	9.78
12	MW-6A	85192	6.74	312617	8.02	168626	9.78
13	MW-5B	82355	6.74	301192	8.02	152339	9.78
14	A-2	85266	6.74	321422	8.02	164961	9.77
15	A-1	74800	6.74	270801	8.02	138506	9.78
16	MW-4B	95866	6.73	372589	8.02	195639	9.78
17	BW1D	77843	6.74	294458	8.02	147965	9.78
18	222	80756	6.74	293346	8.02	89890 *	9.79
19	72-11995	77142	6.74	289707	8.02	140877	9.78
20	283	82838	6.74	284157	8.02	117896	9.78
21	EO-03-10132023-A	84291	6.74	308687	8.02	140780	9.78
22	EO-03-10132023-B	83363	6.74	307042	8.02	134463	9.78
23	EO-02-10132023-A	76455	6.74	250410	8.02	100905 *	9.78
24	V-2 (0-2IN) DL	81056	6.74	295166	8.02	138939	9.78

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101723 SAS No.: BF101723 SDG NO.: BF101723

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 18 2023 12:00AM

Lab File ID: BF135751.D Time Analyzed: 00:37

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	120513	6.739	453899	8.02	234981	9.78
UPPER LIMIT	241026	7.239	907798	8.522	469962	10.28
LOWER LIMIT	60256.5	6.239	226949.5	7.522	117490.5	9.28
EPA SAMPLE NO.						
25 VNJ-223RE	82424	6.74	294861	8.02	134461	9.78
26 VNJ-223DL	82248	6.74	288762	8.02	131908	9.77
27 V-1(0-2IN)RE	72296	6.74	257604	8.02	125488	9.78
28 72-11930DL	78028	6.74	279333	8.02	126045	9.78
29 SU-03-100623DL	101656	6.74	359547	8.02	156841	9.78
30 02DL	68832	6.74	246594	8.02	110966 *	9.78
31 E9066-OB-003RE	81979	6.74	281367	8.02	112837 *	9.78

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.: BF101723 SAS No.: BF101723 SDG NO.: BF101723

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 17 2023 12:00AM

Lab File ID: BF135803.D Time Analyzed: 10:56

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	130764	6.74	477572	8.02	239691	9.78
UPPER LIMIT	261528	7.24	955144	8.522	479382	10.281
LOWER LIMIT	65382	6.24	238786	7.522	119845.5	9.281
EPA SAMPLE NO.						
01 PB156118BL	117867	6.73	454123	8.02	246116	9.78
02 PB156118BS	124360	6.74	506093	8.02	256466	9.78
03 PB156118BSD	126557	6.74	512507	8.02	261066	9.78
04 PB156372BS	123647	6.74	494613	8.02	260971	9.78
05 PB156372BSD	134537	6.74	522108	8.02	280322	9.78
06 MW-4	69526	6.73	254542	8.02	119358 *	9.78
07 MW-2	77868	6.73	296225	8.02	139524	9.78
08 MW-1	75144	6.74	283291	8.02	130354	9.77
09 MW-2A	82658	6.73	276750	8.02	131657	9.77
10 MW-7	85140	6.73	296801	8.02	139798	9.78

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.: BF101723 SAS No.: BF101723 SDG NO.: BF101723EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 17 2023 12:00AMLab File ID: BF135815.D Time Analyzed: 17:20Instrument 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	123774	6.74	461264	8.02	233630	9.78
	UPPER LIMIT	247548	7.24	922528	8.522	467260	10.281
	LOWER LIMIT	61887	6.24	230632	7.522	116815	9.281
	EPA SAMPLE NO.						
01	PB156288BL	102805	6.73	404715	8.02	214760	9.78
02	MW-6A	85192	6.74	312617	8.02	168626	9.78
03	MW-5B	82355	6.74	301192	8.02	152339	9.78
04	A-2	85266	6.74	321422	8.02	164961	9.77
05	A-1	74800	6.74	270801	8.02	138506	9.78
06	MW-4B	95866	6.73	372589	8.02	195639	9.78
07	BW1D	77843	6.74	294458	8.02	147965	9.78
08	222	80756	6.74	293346	8.02	89890 *	9.79
09	72-11995	77142	6.74	289707	8.02	140877	9.78
10	283	82838	6.74	284157	8.02	117896	9.78
11	EO-03-10132023-A	84291	6.74	308687	8.02	140780	9.78
12	EO-03-10132023-B	83363	6.74	307042	8.02	134463	9.78
13	EO-02-10132023-A	76455	6.74	250410	8.02	100905 *	9.78
14	V-2 (0-2IN)DL	81056	6.74	295166	8.02	138939	9.78
15	VNJ-223RE	82424	6.74	294861	8.02	134461	9.78
16	VNJ-223DL	82248	6.74	288762	8.02	131908	9.77
17	V-1 (0-2IN)RE	72296	6.74	257604	8.02	125488	9.78
18	72-11930DL	78028	6.74	279333	8.02	126045	9.78
19	SU-03-100623DL	101656	6.74	359547	8.02	156841	9.78
20	02DL	68832	6.74	246594	8.02	110966 *	9.78
21	E9066-OB-003RE	81979	6.74	281367	8.02	112837 *	9.78

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: BF101723 SAS No.: BF101723 SDG NO.: BF101723
 EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 18 2023 12:00AM
 Lab File ID: BF135815.D Time Analyzed: 03:38
 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	123774	6.74	461264	8.02	233630	9.78
UPPER LIMIT	247548	7.24	922528	8.522	467260	10.281
LOWER LIMIT	61887	6.24	230632	7.522	116815	9.281
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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101723 SAS No.: BF101723 SDG NO.: BF101723

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 17 2023 12:00AM

Lab File ID: BF135751.D Time Analyzed: 10:56

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	422510	11.274	300140	13.945	287691	15.415
UPPER LIMIT	845020	11.774	600280	14.445	575382	15.915
LOWER LIMIT	211255	10.774	150070	13.445	143845.5	14.915
EPA SAMPLE NO.						
01 PB156118BL	494418	11.27	339046	13.94	304923	15.42
02 PB156118BS	496803	11.27	318750	13.95	287654	15.42
03 PB156118BSD	486839	11.28	306620	13.95	279956	15.42
04 PB156372BS	484766	11.27	312801	13.95	258668	15.42
05 PB156372BSD	496469	11.27	306988	13.95	260248	15.42
06 MW-4	213368	11.27	159621	13.93	148287	15.41
07 MW-2	231668	11.27	174412	13.93	162145	15.41
08 MW-1	214009	11.27	155323	13.93	151547	15.42
09 MW-2A	233774	11.27	171177	13.93	168593	15.41
10 MW-7	257500	11.27	164264	13.93	160423	15.41
11 PB156288BL	432903	11.27	322759	13.94	300294	15.41
12 MW-6A	300159	11.27	175672	13.94	183034	15.41
13 MW-5B	299651	11.27	185434	13.93	164605	15.42
14 A-2	344050	11.27	217387	13.94	192856	15.42
15 A-1	275037	11.27	181279	13.93	159389	15.41
16 MW-4B	360567	11.27	210797	13.93	195369	15.41
17 BW1D	281313	11.27	153722	13.93	173538	15.41
18 222	56422 *	11.34	113513 *	14.00	153978	15.45
19 72-11995	217959	11.28	176498	13.94	214174	15.42
20 283	190715 *	11.28	173361	13.95	156033	15.43
21 EO-03-10132023-A	237048	11.27	175013	13.94	143077 *	15.42
22 EO-03-10132023-B	226069	11.27	173792	13.94	140759 *	15.42

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101723 SAS No.: BF101723 SDG NO.: BF101723

EPA Sample No.: SSTDICCC040 Date Analyzed: Oct 17 2023 12:00AM

Lab File ID: BF135751.D Time Analyzed: 23:35

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	422510	11.274	300140	13.945	287691	15.415
UPPER LIMIT	845020	11.774	600280	14.445	575382	15.915
LOWER LIMIT	211255	10.774	150070	13.445	143845.5	14.915
EPA SAMPLE NO.						
23 EO-02-10132023-A	197816 *	11.28	162714	13.94	126029 *	15.42
24 V-2 (0-2IN) DL	255991	11.28	170989	13.94	150266	15.42
25 VNJ-223RE	221399	11.28	133835 *	13.95	120621 *	15.44
26 VNJ-223DL	229161	11.27	154544	13.95	129915 *	15.42
27 V-1 (0-2IN) RE	200092 *	11.27	156670	13.94	116942 *	15.42
28 72-11930DL	221334	11.28	176230	13.94	146239	15.42
29 SU-03-100623DL	286953	11.28	203569	13.94	171811	15.42
30 02DL	212487	11.27	163573	13.94	132404 *	15.42
31 E9066-OB-003RE	200190 *	11.28	147081 *	13.94	107654 *	15.43

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.: BF101723 SAS No.: BF101723 SDG NO.: BF101723

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 17 2023 12:00AM

Lab File ID: BF135803.D Time Analyzed: 10:56

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	466604	11.275	296425	13.945	276208	15.415
UPPER LIMIT	933208	11.775	592850	14.445	552416	15.915
LOWER LIMIT	233302	10.775	148212.5	13.445	138104	14.915
EPA SAMPLE NO.						
01 PB156118BL	494418	11.27	339046	13.94	304923	15.42
02 PB156118BS	496803	11.27	318750	13.95	287654	15.42
03 PB156118BSD	486839	11.28	306620	13.95	279956	15.42
04 PB156372BS	484766	11.27	312801	13.95	258668	15.42
05 PB156372BSD	496469	11.27	306988	13.95	260248	15.42
06 MW-4	213368 *	11.27	159621	13.93	148287	15.41
07 MW-2	231668 *	11.27	174412	13.93	162145	15.41
08 MW-1	214009 *	11.27	155323	13.93	151547	15.42
09 MW-2A	233774	11.27	171177	13.93	168593	15.41
10 MW-7	257500	11.27	164264	13.93	160423	15.41

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.: BF101723 SAS No.: BF101723 SDG NO.: BF101723

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 17 2023 12:00AM

Lab File ID: BF135815.D Time Analyzed: 17:20

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	465340	11.275	296650	13.939	249650	15.415
UPPER LIMIT	930680	11.775	593300	14.439	499300	15.915
LOWER LIMIT	232670	10.775	148325	13.439	124825	14.915
EPA SAMPLE NO.						
01 PB156288BL	432903	11.27	322759	13.94	300294	15.41
02 MW-6A	300159	11.27	175672	13.94	183034	15.41
03 MW-5B	299651	11.27	185434	13.93	164605	15.42
04 A-2	344050	11.27	217387	13.94	192856	15.42
05 A-1	275037	11.27	181279	13.93	159389	15.41
06 MW-4B	360567	11.27	210797	13.93	195369	15.41
07 BW1D	281313	11.27	153722	13.93	173538	15.41
08 222	56422 *	11.34	113513 *	14.00	153978	15.45
09 72-11995	217959 *	11.28	176498	13.94	214174	15.42
10 283	190715 *	11.28	173361	13.95	156033	15.43
11 EO-03-10132023-A	237048	11.27	175013	13.94	143077	15.42
12 EO-03-10132023-B	226069 *	11.27	173792	13.94	140759	15.42
13 EO-02-10132023-A	197816 *	11.28	162714	13.94	126029	15.42
14 V-2 (0-2IN) DL	255991	11.28	170989	13.94	150266	15.42
15 VNJ-223RE	221399 *	11.28	133835 *	13.95	120621 *	15.44
16 VNJ-223DL	229161 *	11.27	154544	13.95	129915	15.42
17 V-1 (0-2IN) RE	200092 *	11.27	156670	13.94	116942 *	15.42
18 72-11930DL	221334 *	11.28	176230	13.94	146239	15.42
19 SU-03-100623DL	286953	11.28	203569	13.94	171811	15.42
20 02DL	212487 *	11.27	163573	13.94	132404	15.42
21 E9066-OB-003RE	200190 *	11.28	147081 *	13.94	107654 *	15.43

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF101723 SAS No.: BF101723 SDG NO.: BF101723

EPA Sample No.: SSTDCCC040 Date Analyzed: Oct 18 2023 12:00AM

Lab File ID: BF135815.D Time Analyzed: 03:38

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	465340	11.275	296650	13.939	249650	15.415
UPPER LIMIT	930680	11.775	593300	14.439	499300	15.915
LOWER LIMIT	232670	10.775	148325	13.439	124825	14.915
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.



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF101723

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB156118BS	n-Nitrosodimethylamine	50	40.5	ug/L	81					55	108	
	Pyridine	50	29.2	ug/L	58					29	97	
	Benzaldehyde	50	12.4	ug/L	25					15	121	
	Aniline	50	29.3	ug/L	59					10	130	
	Phenol	50	42.9	ug/L	86					66	118	
	bis(2-Chloroethyl)ether	50	42.1	ug/L	84					62	103	
	2-Chlorophenol	50	43.9	ug/L	88					70	117	
	1,2-Dichlorobenzene	50	43.3	ug/L	87					72	102	
	1,3-Dichlorobenzene	50	42.8	ug/L	86					71	103	
	1,4-Dichlorobenzene	50	42.8	ug/L	86					76	103	
	Benzyl Alcohol	50	45.9	ug/L	92					36	93	
	2-Methylphenol	50	39	ug/L	78					69	109	
	2,2-oxybis(1-Chloropropane)	50	40.9	ug/L	82					52	103	
	Acetophenone	50	42.3	ug/L	85					60	104	
	3+4-Methylphenols	50	40.2	ug/L	80					67	106	
	N-Nitroso-di-n-propylamine	50	40.8	ug/L	82					57	107	
	Hexachloroethane	50	43.8	ug/L	88					76	118	
	Nitrobenzene	50	41.2	ug/L	82					58	106	
	Isophorone	50	40	ug/L	80					61	102	
	2-Nitrophenol	50	43.2	ug/L	86					70	115	
	2,4-Dimethylphenol	50	40	ug/L	80					67	130	
	bis(2-Chloroethoxy)methane	50	40.5	ug/L	81					58	109	
	2,4-Dichlorophenol	50	44.5	ug/L	89					66	115	
	1,2,4-Trichlorobenzene	50	42.7	ug/L	85					41	115	
	Benzoic acid	50	45.1	ug/L	90					10	125	
	Naphthalene	50	40.4	ug/L	81					64	107	
	4-Chloroaniline	50	22.1	ug/L	44					10	85	
	Hexachlorobutadiene	50	41.3	ug/L	83					69	101	
	Caprolactam	50	42.1	ug/L	84					58	128	
	4-Chloro-3-methylphenol	50	41.7	ug/L	83					65	114	
	2-Methylnaphthalene	50	37.8	ug/L	76					64	107	
	Hexachlorocyclopentadiene	100	79	ug/L	79					36	160	
	2,4,6-Trichlorophenol	50	42.3	ug/L	85					61	110	
	2,4,5-Trichlorophenol	50	38.8	ug/L	78					70	106	
	1,1-Biphenyl	50	40.2	ug/L	80					72	98	
	2-Chloronaphthalene	50	41.8	ug/L	84					59	106	
	2-Nitroaniline	50	41.6	ug/L	83					58	107	
	Dimethylphthalate	50	41.4	ug/L	83					64	103	
	Acenaphthylene	50	40.9	ug/L	82					65	108	
	2,6-Dinitrotoluene	50	42.8	ug/L	86					64	110	
	3-Nitroaniline	50	33	ug/L	66					28	100	
	Acenaphthene	50	41.2	ug/L	82					59	113	
	Total PAH	800	682.6	ug/L	85					59	113	
	2,4-Dinitrophenol	100	110	ug/L	110					64	132	
	4-Nitrophenol	100	93.5	ug/L	94					68	116	
	Dibenzofuran	50	41.9	ug/L	84					65	106	



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF101723

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB156118BS	2,4-Dinitrotoluene	50	44.8	ug/L	90				60	115		
	2,4-Dinitrotoluene/2,6-Dinitro	100	87.6	ug/L	88				60	115		
	Diethylphthalate	50	42.7	ug/L	85				63	105		
	4-Chlorophenyl-phenylether	50	42.8	ug/L	86				61	104		
	Fluorene	50	43.4	ug/L	87				64	107		
	4-Nitroaniline	50	43.5	ug/L	87				69	112		
	4,6-Dinitro-2-methylphenol	50	46.6	ug/L	93				62	132		
	N-Nitrosodiphenylamine	50	44.3	ug/L	89				61	109		
	Azobenzene	50	43.1	ug/L	86				59	106		
	4-Bromophenyl-phenylether	50	43.1	ug/L	86				73	103		
	Hexachlorobenzene	50	46.9	ug/L	94				73	106		
	Atrazine	50	49.6	ug/L	99				76	120		
	Pentachlorophenol	100	80.6	ug/L	81				47	114		
	Phenanthrene	50	41.1	ug/L	82				62	109		
	Anthracene	50	40.6	ug/L	81				65	110		
	Carbazole	50	42	ug/L	84				62	106		
	Di-n-butylphthalate	50	41.8	ug/L	84				64	106		
	Fluoranthene	50	42.5	ug/L	85				64	110		
	Benzidine	100	35.4	ug/L	35				10	94		
	Pyrene	50	45.1	ug/L	90				71	103		
	Butylbenzylphthalate	50	45.9	ug/L	92				61	105		
	3,3-Dichlorobenzidine	50	36.1	ug/L	72				43	108		
	Benzo(a)anthracene	50	43.8	ug/L	88				62	107		
	Chrysene	50	41.2	ug/L	82				61	108		
	bis(2-Ethylhexyl)phthalate	50	43.9	ug/L	88				59	110		
	Di-n-octyl phthalate	50	43.9	ug/L	88				67	126		
	Benzo(b)fluoranthene	50	49.2	ug/L	98				77	113		
	Benzo(k)fluoranthene	50	42.5	ug/L	85				64	113		
	Benzo(a)pyrene	50	42.1	ug/L	84				72	131		
	Indeno(1,2,3-cd)pyrene	50	43.1	ug/L	86				72	105		
	Dibenz(a,h)anthracene	50	43.2	ug/L	86				78	115		
	Benzo(g,h,i)perylene	50	42.3	ug/L	85				75	118		
	1,2,4,5-Tetrachlorobenzene	50	40.2	ug/L	80				72	101		
	1,4-Dioxane	50	31.8	ug/L	64				38	125		
	2,3,4,6-Tetrachlorophenol	50	45.2	ug/L	90				63	116		
	1-Methylnaphthalene	50	38.9	ug/L	78				51	114		
PB156118BSD	n-Nitrosodimethylamine	50	42.3	ug/L	85	4			55	108	20	
	Pyridine	50	30.5	ug/L	61	4			29	97	20	
	Benzaldehyde	50	13.1	ug/L	26	5			15	121	20	
	Aniline	50	29	ug/L	58	1			10	130	20	
	Phenol	50	42.4	ug/L	85	1			66	118	20	
	bis(2-Chloroethyl)ether	50	42.9	ug/L	86	2			62	103	20	
	2-Chlorophenol	50	44.5	ug/L	89	1			70	117	20	
	1,2-Dichlorobenzene	50	42.4	ug/L	85	2			72	102	20	
	1,3-Dichlorobenzene	50	43.3	ug/L	87	1			71	103	20	
	1,4-Dichlorobenzene	50	42.7	ug/L	85	0			76	103	20	



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: **BF101723**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB156118BSD	Benzyl Alcohol	50	44.2	ug/L	88	4			36	93	20
	2-Methylphenol	50	38.3	ug/L	77	2			69	109	20
	2,2-oxybis(1-Chloropropane)	50	39.5	ug/L	79	3			52	103	20
	Acetophenone	50	40.6	ug/L	81	4			60	104	20
	3+4-Methylphenols	50	38.3	ug/L	77	5			67	106	20
	N-Nitroso-di-n-propylamine	50	39	ug/L	78	5			57	107	20
	Hexachloroethane	50	42.8	ug/L	86	2			76	118	20
	Nitrobenzene	50	39.9	ug/L	80	3			58	106	20
	Isophorone	50	39.9	ug/L	80	0			61	102	20
	2-Nitrophenol	50	43.2	ug/L	86	0			70	115	20
	2,4-Dimethylphenol	50	39.5	ug/L	79	1			67	130	20
	bis(2-Chloroethoxy)methane	50	40.5	ug/L	81	0			58	109	20
	2,4-Dichlorophenol	50	43.7	ug/L	87	2			66	115	20
	1,2,4-Trichlorobenzene	50	42.7	ug/L	85	0			41	115	20
	Benzoic acid	50	44.6	ug/L	89	1			10	125	20
	Naphthalene	50	41.3	ug/L	83	2			64	107	20
	4-Chloroaniline	50	21.5	ug/L	43	3			10	85	20
	Hexachlorobutadiene	50	43.2	ug/L	86	4			69	101	20
	Caprolactam	50	43.2	ug/L	86	3			58	128	20
	4-Chloro-3-methylphenol	50	43	ug/L	86	3			65	114	20
	2-Methylnaphthalene	50	39	ug/L	78	3			64	107	20
	Hexachlorocyclopentadiene	100	81.2	ug/L	81	3			36	160	20
	2,4,6-Trichlorophenol	50	42	ug/L	84	1			61	110	20
	2,4,5-Trichlorophenol	50	38.3	ug/L	77	1			70	106	20
	1,1-Biphenyl	50	39.6	ug/L	79	2			72	98	20
	2-Chloronaphthalene	50	41.9	ug/L	84	0			59	106	20
	2-Nitroaniline	50	41.2	ug/L	82	1			58	107	20
	Dimethylphthalate	50	41.6	ug/L	83	0			64	103	20
	Acenaphthylene	50	41.7	ug/L	83	2			65	108	20
	2,6-Dinitrotoluene	50	43.2	ug/L	86	1			64	110	20
	3-Nitroaniline	50	33.4	ug/L	67	1			28	100	20
	Acenaphthene	50	41.5	ug/L	83	1			59	113	20
	Total PAH	800	693	ug/L	87	2			59	113	20
	2,4-Dinitrophenol	100	110	ug/L	110	0			64	132	20
	4-Nitrophenol	100	91.7	ug/L	92	2			68	116	20
	Dibenzofuran	50	41.1	ug/L	82	2			65	106	20
	2,4-Dinitrotoluene	50	43.2	ug/L	86	4			60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	86.4	ug/L	86	1			60	115	20
	Diethylphthalate	50	40.3	ug/L	81	6			63	105	20
	4-Chlorophenyl-phenylether	50	39.4	ug/L	79	8			61	104	20
	Fluorene	50	40.3	ug/L	81	7			64	107	20
	4-Nitroaniline	50	38.1	ug/L	76	13			69	112	20
	4,6-Dinitro-2-methylphenol	50	45.7	ug/L	91	2			62	132	20
	N-Nitrosodiphenylamine	50	41.3	ug/L	83	7			61	109	20
	Azobenzene	50	39.4	ug/L	79	9			59	106	20
	4-Bromophenyl-phenylether	50	41.4	ug/L	83	4			73	103	20



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF101723

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB156118BSD	Hexachlorobenzene	50	44.9	ug/L	90	4			73	106	20
	Atrazine	50	48.1	ug/L	96	3			76	120	20
	Pentachlorophenol	100	81.3	ug/L	81	1			47	114	20
	Phenanthrene	50	41.2	ug/L	82	0			62	109	20
	Anthracene	50	41	ug/L	82	1			65	110	20
	Carbazole	50	42	ug/L	84	0			62	106	20
	Di-n-butylphthalate	50	41.7	ug/L	83	0			64	106	20
	Fluoranthene	50	41.4	ug/L	83	3			64	110	20
	Benzidine	100	35.5	ug/L	36	0			10	94	20
	Pyrene	50	45	ug/L	90	0			71	103	20
	Butylbenzylphthalate	50	43.9	ug/L	88	4			61	105	20
	3,3-Dichlorobenzidine	50	36.1	ug/L	72	0			43	108	20
	Benzo(a)anthracene	50	44.2	ug/L	88	1			62	107	20
	Chrysene	50	41.8	ug/L	84	1			61	108	20
	bis(2-Ethylhexyl)phthalate	50	45	ug/L	90	2			59	110	20
	Di-n-octyl phthalate	50	44.5	ug/L	89	1			67	126	20
	Benzo(b)fluoranthene	50	45.8	ug/L	92	7			77	113	20
	Benzo(k)fluoranthene	50	45.8	ug/L	92	7			64	113	20
	Benzo(a)pyrene	50	42.1	ug/L	84	0			72	131	20
	Indeno(1,2,3-cd)pyrene	50	47.2	ug/L	94	9			72	105	20
	Dibenz(a,h)anthracene	50	48	ug/L	96	11			78	115	20
	Benzo(g,h,i)perylene	50	44.7	ug/L	89	6			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	41.1	ug/L	82	2			72	101	20
	1,4-Dioxane	50	32.9	ug/L	66	3			38	125	20
	2,3,4,6-Tetrachlorophenol	50	43.1	ug/L	86	5			63	116	20
	1-Methylnaphthalene	50	39.9	ug/L	80	3			51	114	20



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF101723

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB156372BS	n-Nitrosodimethylamine	50	43.2	ug/L	86				55	108	
	Pyridine	50	30.5	ug/L	61				29	97	
	Benzaldehyde	50	12.6	ug/L	25				15	121	
	Aniline	50	28.9	ug/L	58				10	130	
	Phenol	50	41.2	ug/L	82				66	118	
	bis(2-Chloroethyl)ether	50	41.8	ug/L	84				62	103	
	2-Chlorophenol	50	43.5	ug/L	87				70	117	
	1,2-Dichlorobenzene	50	43.1	ug/L	86				72	102	
	1,3-Dichlorobenzene	50	42.6	ug/L	85				71	103	
	1,4-Dichlorobenzene	50	42.5	ug/L	85				76	103	
	Benzyl Alcohol	50	44.8	ug/L	90				36	93	
	2-Methylphenol	50	38.9	ug/L	78				69	109	
	2,2-oxybis(1-Chloropropane)	50	41.2	ug/L	82				52	103	
	Acetophenone	50	42.1	ug/L	84				60	104	
	3+4-Methylphenols	50	39.5	ug/L	79				67	106	
	N-Nitroso-di-n-propylamine	50	39.1	ug/L	78				57	107	
	Hexachloroethane	50	43.9	ug/L	88				76	118	
	Nitrobenzene	50	41.5	ug/L	83				58	106	
	Isophorone	50	40.9	ug/L	82				61	102	
	2-Nitrophenol	50	44	ug/L	88				70	115	
	2,4-Dimethylphenol	50	41.2	ug/L	82				67	130	
	bis(2-Chloroethoxy)methane	50	41.9	ug/L	84				58	109	
	2,4-Dichlorophenol	50	44	ug/L	88				66	115	
	1,2,4-Trichlorobenzene	50	43.7	ug/L	87				41	115	
	Benzoic acid	50	45.6	ug/L	91				10	125	
	Naphthalene	50	40.9	ug/L	82				64	107	
	4-Chloroaniline	50	21.8	ug/L	44				10	85	
	Hexachlorobutadiene	50	43.4	ug/L	87				69	101	
	Caprolactam	50	43.9	ug/L	88				58	128	
	4-Chloro-3-methylphenol	50	44.4	ug/L	89				65	114	
	2-Methylnaphthalene	50	39.7	ug/L	79				64	107	
	Hexachlorocyclopentadiene	100	81.2	ug/L	81				36	160	
	2,4,6-Trichlorophenol	50	43.5	ug/L	87				61	110	
	2,4,5-Trichlorophenol	50	39.8	ug/L	80				70	106	
	1,1-Biphenyl	50	41.5	ug/L	83				72	98	
	2-Chloronaphthalene	50	43.2	ug/L	86				59	106	
	2-Nitroaniline	50	43.2	ug/L	86				58	107	
	Dimethylphthalate	50	42.4	ug/L	85				64	103	
	Acenaphthylene	50	41.7	ug/L	83				65	108	
	2,6-Dinitrotoluene	50	43.6	ug/L	87				64	110	
	3-Nitroaniline	50	31.4	ug/L	63				28	100	
	Acenaphthene	50	41.2	ug/L	82				59	113	
	Total PAH	800	710.5	ug/L	89				59	113	
	2,4-Dinitrophenol	100	110	ug/L	110				64	132	
	4-Nitrophenol	100	87.6	ug/L	88				68	116	
	Dibenzofuran	50	41.8	ug/L	84				65	106	



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF101723

Client:

Analytical Method: 8270E

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB156372BS	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	88	ug/L	88				60	115	
	2,4-Dinitrotoluene	50	44.4	ug/L	89				60	115	
	Diethylphthalate	50	41.9	ug/L	84				63	105	
	4-Chlorophenyl-phenylether	50	41.8	ug/L	84				61	104	
	Fluorene	50	42.5	ug/L	85				64	107	
	4-Nitroaniline	50	40.3	ug/L	81				69	112	
	4,6-Dinitro-2-methylphenol	50	47	ug/L	94				62	132	
	N-Nitrosodiphenylamine	50	43.7	ug/L	87				61	109	
	Azobenzene	50	42	ug/L	84				59	106	
	4-Bromophenyl-phenylether	50	42.9	ug/L	86				73	103	
	Hexachlorobenzene	50	44.9	ug/L	90				73	106	
	Atrazine	50	48.8	ug/L	98				76	120	
	Pentachlorophenol	100	79.2	ug/L	79				47	114	
	Phenanthrene	50	42.2	ug/L	84				62	109	
	Anthracene	50	41.3	ug/L	83				65	110	
	Carbazole	50	42.3	ug/L	85				62	106	
	Di-n-butylphthalate	50	42.7	ug/L	85				64	106	
	Fluoranthene	50	42.5	ug/L	85				64	110	
	Benzidine	100	36.1	ug/L	36				10	94	
	Pyrene	50	44.5	ug/L	89				71	103	
	Butylbenzylphthalate	50	46	ug/L	92				61	105	
	3,3-Dichlorobenzidine	50	36.3	ug/L	73				43	108	
	Benzo(a)anthracene	50	44	ug/L	88				62	107	
	Chrysene	50	41.3	ug/L	83				61	108	
	bis(2-Ethylhexyl)phthalate	50	45.1	ug/L	90				59	110	
	Di-n-octyl phthalate	50	43.2	ug/L	86				67	126	
	Benzo(b)fluoranthene	50	49.5	ug/L	99				77	113	
	Benzo(k)fluoranthene	50	50.2	ug/L	100				64	113	
	Benzo(a)pyrene	50	42.3	ug/L	85				72	131	
	Indeno(1,2,3-cd)pyrene	50	48.7	ug/L	97				72	105	
	Dibenz(a,h)anthracene	50	49.4	ug/L	99				78	115	
	Benzo(g,h,i)perylene	50	48.3	ug/L	97				75	118	
	1,2,4,5-Tetrachlorobenzene	50	41.5	ug/L	83				72	101	
	1,4-Dioxane	50	33.3	ug/L	67				38	125	
	2,3,4,6-Tetrachlorophenol	50	45.1	ug/L	90				63	116	
	1-Methylnaphthalene	50	41.6	ug/L	83				51	114	
PB156372BSD	n-Nitrosodimethylamine	50	42.5	ug/L	85	2			55	108	20
	Pyridine	50	29.3	ug/L	59	4			29	97	20
	Benzaldehyde	50	12.9	ug/L	26	2			15	121	20
	Aniline	50	28.2	ug/L	56	2			10	130	20
	Phenol	50	42	ug/L	84	2			66	118	20
	bis(2-Chloroethyl)ether	50	41	ug/L	82	2			62	103	20
	2-Chlorophenol	50	43.3	ug/L	87	0			70	117	20
	1,2-Dichlorobenzene	50	42.7	ug/L	85	1			72	102	20
	1,3-Dichlorobenzene	50	42.1	ug/L	84	1			71	103	20
1,4-Dichlorobenzene	50	42.3	ug/L	85	0			76	103	20	



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BF101723

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits	
							Qual	Qual	Low	High
PB156372BSD	Benzyl Alcohol	50	45.1	ug/L	90	1			36	93
	2-Methylphenol	50	39.2	ug/L	78	1			69	109
	2,2-oxybis(1-Chloropropane)	50	41	ug/L	82	0			52	103
	Acetophenone	50	43.5	ug/L	87	3			60	104
	3+4-Methylphenols	50	40	ug/L	80	1			67	106
	N-Nitroso-di-n-propylamine	50	39.9	ug/L	80	2			57	107
	Hexachloroethane	50	43.9	ug/L	88	0			76	118
	Nitrobenzene	50	42.7	ug/L	85	3			58	106
	Isophorone	50	40.6	ug/L	81	1			61	102
	2-Nitrophenol	50	43.1	ug/L	86	2			70	115
	2,4-Dimethylphenol	50	40.2	ug/L	80	2			67	130
	bis(2-Chloroethoxy)methane	50	40.4	ug/L	81	4			58	109
	2,4-Dichlorophenol	50	43.4	ug/L	87	1			66	115
	1,2,4-Trichlorobenzene	50	42.1	ug/L	84	4			41	115
	Benzoic acid	50	46	ug/L	92	1			10	125
	Naphthalene	50	40.8	ug/L	82	0			64	107
	4-Chloroaniline	50	21.9	ug/L	44	0			10	85
	Hexachlorobutadiene	50	43.1	ug/L	86	1			69	101
	Caprolactam	50	45.6	ug/L	91	4			58	128
	4-Chloro-3-methylphenol	50	45.9	ug/L	92	3			65	114
	2-Methylnaphthalene	50	41.1	ug/L	82	3			64	107
	Hexachlorocyclopentadiene	100	82.3	ug/L	82	1			36	160
	2,4,6-Trichlorophenol	50	41.9	ug/L	84	4			61	110
	2,4,5-Trichlorophenol	50	38	ug/L	76	5			70	106
	1,1-Biphenyl	50	40	ug/L	80	4			72	98
	2-Chloronaphthalene	50	41.8	ug/L	84	3			59	106
	2-Nitroaniline	50	41.3	ug/L	83	4			58	107
	Dimethylphthalate	50	41.7	ug/L	83	2			64	103
	Acenaphthylene	50	41.1	ug/L	82	1			65	108
	2,6-Dinitrotoluene	50	42.2	ug/L	84	3			64	110
	3-Nitroaniline	50	31.8	ug/L	64	1			28	100
	Acenaphthene	50	39.6	ug/L	79	4			59	113
	Total PAH	800	702.9	ug/L	88	1			59	113
	2,4-Dinitrophenol	100	110	ug/L	110	0			64	132
	4-Nitrophenol	100	85	ug/L	85	3			68	116
	Dibenzofuran	50	40.9	ug/L	82	2			65	106
	2,4-Dinitrotoluene/2,6-Dinitro	100	85.8	ug/L	86	3			60	115
	2,4-Dinitrotoluene	50	43.6	ug/L	87	2			60	115
	Diethylphthalate	50	41.3	ug/L	83	1			63	105
	4-Chlorophenyl-phenylether	50	40.8	ug/L	82	2			61	104
	Fluorene	50	40.7	ug/L	81	4			64	107
	4-Nitroaniline	50	37.9	ug/L	76	6			69	112
	4,6-Dinitro-2-methylphenol	50	46.7	ug/L	93	1			62	132
	N-Nitrosodiphenylamine	50	43.3	ug/L	87	1			61	109
	Azobenzene	50	38.9	ug/L	78	8			59	106
	4-Bromophenyl-phenylether	50	42.2	ug/L	84	2			73	103



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: **BF101723**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB156372BSD	Hexachlorobenzene	50	45.4	ug/L	91	1			73	106	20
	Atrazine	50	48.3	ug/L	97	1			76	120	20
	Pentachlorophenol	100	81.9	ug/L	82	3			47	114	20
	Phenanthrene	50	41.6	ug/L	83	1			62	109	20
	Anthracene	50	40.8	ug/L	82	1			65	110	20
	Carbazole	50	41.6	ug/L	83	2			62	106	20
	Di-n-butylphthalate	50	42	ug/L	84	2			64	106	20
	Fluoranthene	50	40.8	ug/L	82	4			64	110	20
	Benzidine	100	35.5	ug/L	36	2			10	94	20
	Pyrene	50	45.2	ug/L	90	2			71	103	20
	Butylbenzylphthalate	50	45.2	ug/L	90	2			61	105	20
	3,3-Dichlorobenzidine	50	35.7	ug/L	71	2			43	108	20
	Benzo(a)anthracene	50	43.6	ug/L	87	1			62	107	20
	Chrysene	50	41	ug/L	82	1			61	108	20
	bis(2-Ethylhexyl)phthalate	50	45.3	ug/L	91	0			59	110	20
	Di-n-octyl phthalate	50	43.6	ug/L	87	1			67	126	20
	Benzo(b)fluoranthene	50	46.4	ug/L	93	6			77	113	20
	Benzo(k)fluoranthene	50	47.8	ug/L	96	5			64	113	20
	Benzo(a)pyrene	50	43	ug/L	86	2			72	131	20
	Indeno(1,2,3-cd)pyrene	50	50.4	ug/L	101	3			72	105	20
	Dibenz(a,h)anthracene	50	50.5	ug/L	101	2			78	115	20
	Benzo(g,h,i)perylene	50	49.6	ug/L	99	3			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	41.4	ug/L	83	0			72	101	20
	1,4-Dioxane	50	32.4	ug/L	65	3			38	125	20
	2,3,4,6-Tetrachlorophenol	50	44.6	ug/L	89	1			63	116	20
	1-Methylnaphthalene	50	42.1	ug/L	84	1			51	114	20



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB156118BL

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM

Case No.: BF101723

SAS No.: BF101723

SDG NO.: BF101723

Lab File ID: BF135804.D

Lab Sample ID: PB156118BL

Instrument ID: BNA_F

Date Extracted: 10/04/2023

Matrix: (soil/water) Water

Date Analyzed: 10/17/2023

Level: (low/med) LOW

Time Analyzed: 10:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB156118BS	PB156118BS	BF135805.D	10/17/2023
PB156118BSD	PB156118BSD	BF135806.D	10/17/2023
MW-4	O4724-04	BF135809.D	10/17/2023
MW-2	O4724-03	BF135810.D	10/17/2023
MW-1	O4724-01	BF135811.D	10/17/2023
MW-2A	O4724-02	BF135812.D	10/17/2023
MW-7	O4723-04	BF135813.D	10/17/2023
MW-4B	O4723-01	BF135821.D	10/17/2023
MW-6A	O4723-03	BF135817.D	10/17/2023
MW-5B	O4723-02	BF135818.D	10/17/2023

COMMENTS:



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

BW1D

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF101723SAS No.: BF101723 SDG NO.: BF101723Lab File ID: BF135822.DLab Sample ID: O4740-02Instrument ID: BNA_FDate Extracted: 10/06/2023Matrix: (soil/water) WaterDate Analyzed: 10/17/2023Level: (low/med) LOWTime Analyzed: 20:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BW1D	O4740-02	BF135822.D	10/17/2023

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB156288BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF101723

SAS No.: BF101723 SDG NO.: BF101723

Lab File ID: BF135816.D

Lab Sample ID: PB156288BL

Instrument ID: BNA_F

Date Extracted: 10/11/2023

Matrix: (soil/water) Solid

Date Analyzed: 10/17/2023

Level: (low/med) LOW

Time Analyzed: 17:20

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.

222

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF101723SAS No.: BF101723 SDG NO.: BF101723Lab File ID: BF135823.DLab Sample ID: O4878-03Instrument ID: BNA_FDate Extracted: 10/13/2023Matrix: (soil/water) SolidDate Analyzed: 10/17/2023Level: (low/med) LOWTime Analyzed: 21:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
222	O4878-03	BF135823.D	10/17/2023
72-11995	O4878-01	BF135824.D	10/17/2023
283	O4878-05	BF135825.D	10/17/2023

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB156372BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF101723SAS No.: BF101723 SDG NO.: BF101723Lab File ID: BF135807.DLab Sample ID: PB156372BSInstrument ID: BNA_FDate Extracted: 10/13/2023Matrix: (soil/water) WaterDate Analyzed: 10/17/2023Level: (low/med) LOWTime Analyzed: 12:29

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB156372BS	PB156372BS	BF135807.D	10/17/2023
PB156372BSD	PB156372BSD	BF135808.D	10/17/2023

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

EO-03-10132023-A

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF101723SAS No.: BF101723 SDG NO.: BF101723Lab File ID: BF135826.DLab Sample ID: O4892-03Instrument ID: BNA_FDate Extracted: 10/16/2023Matrix: (soil/water) SolidDate Analyzed: 10/17/2023Level: (low/med) LOWTime Analyzed: 22:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EO-03-10132023-A	O4892-03	BF135826.D	10/17/2023
EO-03-10132023-B	O4892-05	BF135827.D	10/17/2023
EO-02-10132023-A	O4892-01	BF135828.D	10/17/2023
A-2	O4895-02	BF135819.D	10/17/2023
A-1	O4895-01	BF135820.D	10/17/2023

COMMENTS: _____



Surrogate Summary
SW-846

SDG No.: BF101723

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O4645-02DL	02DL	BF135835.D	2-Fluorophenol	150	185.25	123	*	18	112
			Phenol-d6	150	170.27	114	*	15	107
			Nitrobenzene-d5	100	114.97	115	*	18	107
			2-Fluorobiphenyl	100	142.54	143	*	20	109
			2,4,6-Tribromophenol	150	166.73	111	*	10	110
			Terphenyl-d14	100	126.63	127	*	14	112



Surrogate Summary
SW-846

SDG No.: BF101723

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O4657-05DL	V-2(0-2IN)DL	BF135829.D	2-Fluorophenol	150	78.77	53		18	112
			Phenol-d6	150	80.90	54		15	107
			Nitrobenzene-d5	100	56.64	57		18	107
			2-Fluorobiphenyl	100	65.07	65		20	109
			2,4,6-Tribromophenol	150	84.66	56		10	110
			Terphenyl-d14	100	49.84	50		14	112
O4657-07RE	V-1(0-2IN)RE	BF135832.D	2-Fluorophenol	150	105.96	71		18	112
			Phenol-d6	150	98.89	66		15	107
			Nitrobenzene-d5	100	70.39	70		18	107
			2-Fluorobiphenyl	100	67.67	68		20	109
			2,4,6-Tribromophenol	150	97.79	65		10	110
			Terphenyl-d14	100	52.70	53		14	112



Surrogate Summary
SW-846

SDG No.: BF101723

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O4703-05RE	E9066-OB-003RE	BF135836.D	2-Fluorophenol	150	42.20	28		18	112
			Phenol-d6	150	70.76	47		15	107
			Nitrobenzene-d5	100	57.44	57		18	107
			2-Fluorobiphenyl	100	66.99	67		20	109
			2,4,6-Tribromophenol	150	18.09	12		10	110
			Terphenyl-d14	100	63.13	63		14	112

Surrogate Summary

SW-846

SDG No.: **BF101723**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O4723-01	MW-4B	BF135821.D	2-Fluorophenol	150	56.26	38		10	139
			Phenol-d6	150	31.25	21		10	134
			Nitrobenzene-d5	100	96.23	96		49	133
			2-Fluorobiphenyl	100	93.55	94		52	132
			2,4,6-Tribromophenol	150	142.59	95		32	145
			Terphenyl-d14	100	103.49	103		36	145
O4723-02	MW-5B	BF135818.D	2-Fluorophenol	150	62.07	41		10	139
			Phenol-d6	150	35.13	23		10	134
			Nitrobenzene-d5	100	92.83	93		49	133
			2-Fluorobiphenyl	100	100.22	100		52	132
			2,4,6-Tribromophenol	150	150.88	101		32	145
			Terphenyl-d14	100	96.17	96		36	145
O4723-03	MW-6A	BF135817.D	2-Fluorophenol	150	1.66	1	*	10	139
			Phenol-d6	150	32.68	22		10	134
			Nitrobenzene-d5	100	97.34	97		49	133
			2-Fluorobiphenyl	100	94.09	94		52	132
			2,4,6-Tribromophenol	150	141.93	95		32	145
			Terphenyl-d14	100	104.41	104		36	145
O4723-04	MW-7	BF135813.D	2-Fluorophenol	150	65.66	44		10	139
			Phenol-d6	150	37.89	25		10	134
			Nitrobenzene-d5	100	105.14	105		49	133
			2-Fluorobiphenyl	100	106.00	106		52	132
			2,4,6-Tribromophenol	150	154.82	103		32	145
			Terphenyl-d14	100	98.29	98		36	145
O4724-01	MW-1	BF135811.D	2-Fluorophenol	150	73.58	49		10	139
			Phenol-d6	150	42.52	28		10	134
			Nitrobenzene-d5	100	110.75	111		49	133
			2-Fluorobiphenyl	100	113.73	114		52	132
			2,4,6-Tribromophenol	150	150.47	100		32	145
			Terphenyl-d14	100	102.23	102		36	145
O4724-02	MW-2A	BF135812.D	2-Fluorophenol	150	65.32	44		10	139
			Phenol-d6	150	38.80	26		10	134
			Nitrobenzene-d5	100	109.68	110		49	133
			2-Fluorobiphenyl	100	108.91	109		52	132
			2,4,6-Tribromophenol	150	149.93	100		32	145
			Terphenyl-d14	100	95.58	96		36	145
O4724-03	MW-2	BF135810.D	2-Fluorophenol	150	68.56	46		10	139
			Phenol-d6	150	41.74	28		10	134
			Nitrobenzene-d5	100	103.31	103		49	133
			2-Fluorobiphenyl	100	110.11	110		52	132
			2,4,6-Tribromophenol	150	144.75	96		32	145
			Terphenyl-d14	100	99.12	99		36	145
O4724-04	MW-4	BF135809.D	2-Fluorophenol	150	69.33	46		10	139
			Phenol-d6	150	38.12	25		10	134
			Nitrobenzene-d5	100	107.83	108		49	133
			2-Fluorobiphenyl	100	116.95	117		52	132
			2,4,6-Tribromophenol	150	168.00	112		32	145
			Terphenyl-d14	100	99.46	99		36	145
PB156118BL	PB156118BL	BF135804.D	2-Fluorophenol	150	129.98	87		10	139
			Phenol-d6	150	129.79	87		10	134
			Nitrobenzene-d5	100	90.39	90		49	133



Surrogate Summary
SW-846

SDG No.: BF101723

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB156118BL	PB156118BL	BF135804.D	2-Fluorobiphenyl	100	85.92	86		52	132
			2,4,6-Tribromophenol	150	143.78	96		32	145
			Terphenyl-d14	100	83.84	84		36	145
PB156118BS	PB156118BS	BF135805.D	2-Fluorophenol	150	116.23	77		10	139
			Phenol-d6	150	115.55	77		10	134
			Nitrobenzene-d5	100	77.49	77		49	133
			2-Fluorobiphenyl	100	74.46	74		52	132
			2,4,6-Tribromophenol	150	128.91	86		32	145
PB156118BSD	PB156118BSD	BF135806.D	Terphenyl-d14	100	85.72	86		36	145
			2-Fluorophenol	150	116.66	78		10	139
			Phenol-d6	150	115.42	77		10	134
			Nitrobenzene-d5	100	76.03	76		49	133
			2-Fluorobiphenyl	100	74.68	75		52	132
			2,4,6-Tribromophenol	150	115.64	77		32	145
			Terphenyl-d14	100	82.76	83		36	145



Surrogate Summary
SW-846

SDG No.: BF101723

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O4740-02	BW1D	BF135822.D	2-Fluorophenol	150	66.12	44		10	139
			Phenol-d6	150	36.90	25		10	134
			Nitrobenzene-d5	100	101.50	102		49	133
			2-Fluorobiphenyl	100	102.96	103		52	132
			2,4,6-Tribromophenol	150	156.25	104		32	145
			Terphenyl-d14	100	112.04	112		36	145



Surrogate Summary
SW-846

SDG No.: BF101723

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O4808-01DL	SU-03-100623DL	BF135834.D	2-Fluorophenol	150	88.49	59		18	112
			Phenol-d6	150	87.05	58		15	107
			Nitrobenzene-d5	100	58.92	59		18	107
			2-Fluorobiphenyl	100	81.10	81		20	109
			2,4,6-Tribromophenol	150	90.51	60		10	110
			Terphenyl-d14	100	73.17	73		14	112



Surrogate Summary
SW-846

SDG No.: BF101723

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O4812-01DL	VNJ-223DL	BF135831.D	2-Fluorophenol	150	70.40	47		18	112
			Phenol-d6	150	87.70	58		15	107
			Nitrobenzene-d5	100	68.93	69		18	107
			2-Fluorobiphenyl	100	94.60	95		20	109
			2,4,6-Tribromophenol	150	80.85	54		10	110
			Terphenyl-d14	100	95.98	96		14	112
O4812-01RE	VNJ-223RE	BF135830.D	2-Fluorophenol	150	78.20	52		18	112
			Phenol-d6	150	85.39	57		15	107
			Nitrobenzene-d5	100	63.23	63		18	107
			2-Fluorobiphenyl	100	80.54	81		20	109
			2,4,6-Tribromophenol	150	72.86	49		10	110
			Terphenyl-d14	100	94.88	95		14	112
O4817-01DL	72-11930DL	BF135833.D	2-Fluorophenol	150	105.11	70		18	112
			Phenol-d6	150	110.38	74		15	107
			Nitrobenzene-d5	100	74.11	74		18	107
			2-Fluorobiphenyl	100	87.80	88		20	109
			2,4,6-Tribromophenol	150	105.79	71		10	110
			Terphenyl-d14	100	70.12	70		14	112



Surrogate Summary
SW-846

SDG No.: BF101723

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB156288BL	PB156288BL	BF135816.D	2-Fluorophenol	150	126.49	84		18	112
			Phenol-d6	150	133.50	89		15	107
			Nitrobenzene-d5	100	89.75	90		18	107
			2-Fluorobiphenyl	100	87.39	87		20	109
			2,4,6-Tribromophenol	150	149.67	100		10	110
			Terphenyl-d14	100	84.34	84		14	112



Surrogate Summary
SW-846

SDG No.: BF101723

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O4878-01	72-11995	BF135824.D	2-Fluorophenol	150	105.48	70		18	112
			Phenol-d6	150	104.13	69		15	107
			Nitrobenzene-d5	100	64.07	64		18	107
			2-Fluorobiphenyl	100	70.08	70		20	109
			2,4,6-Tribromophenol	150	86.52	58		10	110
			Terphenyl-d14	100	51.49	51		14	112
O4878-03	222	BF135823.D	2-Fluorophenol	150	128.83	86		18	112
			Phenol-d6	150	117.97	79		15	107
			Nitrobenzene-d5	100	84.46	84		18	107
			2-Fluorobiphenyl	100	119.37	119	*	20	109
			2,4,6-Tribromophenol	150	107.60	72		10	110
			Terphenyl-d14	100	52.65	53		14	112
O4878-05	283	BF135825.D	2-Fluorophenol	150	91.55	61		18	112
			Phenol-d6	150	89.09	59		15	107
			Nitrobenzene-d5	100	66.03	66		18	107
			2-Fluorobiphenyl	100	65.91	66		20	109
			2,4,6-Tribromophenol	150	88.90	59		10	110
			Terphenyl-d14	100	46.97	47		14	112



Surrogate Summary
SW-846

SDG No.: BF101723

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB156372BS	PB156372BS	BF135807.D	2-Fluorophenol	150	119.86	80		10	139
			Phenol-d6	150	112.81	75		10	134
			Nitrobenzene-d5	100	79.40	79		49	133
			2-Fluorobiphenyl	100	76.23	76		52	132
			2,4,6-Tribromophenol	150	126.37	84		32	145
			Terphenyl-d14	100	84.98	85		36	145
PB156372BSD	PB156372BSD	BF135808.D	2-Fluorophenol	150	118.53	79		10	139
			Phenol-d6	150	113.54	76		10	134
			Nitrobenzene-d5	100	81.86	82		49	133
			2-Fluorobiphenyl	100	73.37	73		52	132
			2,4,6-Tribromophenol	150	112.61	75		32	145
			Terphenyl-d14	100	83.98	84		36	145

Surrogate Summary

SW-846

SDG No.: **BF101723**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
O4892-01	EO-02-10132023-ABF135828.D		2-Fluorophenol	150	104.33	70		18	112
			Phenol-d6	150	96.06	64		15	107
			Nitrobenzene-d5	100	74.43	74		18	107
			2-Fluorobiphenyl	100	81.92	82		20	109
			2,4,6-Tribromophenol	150	115.43	77		10	110
			Terphenyl-d14	100	72.54	73		14	112
O4892-03	EO-03-10132023-ABF135826.D		2-Fluorophenol	150	84.77	57		18	112
			Phenol-d6	150	83.03	55		15	107
			Nitrobenzene-d5	100	58.86	59		18	107
			2-Fluorobiphenyl	100	66.92	67		20	109
			2,4,6-Tribromophenol	150	79.82	53		10	110
			Terphenyl-d14	100	57.40	57		14	112
O4892-05	EO-03-10132023-BBF135827.D		2-Fluorophenol	150	91.12	61		18	112
			Phenol-d6	150	89.50	60		15	107
			Nitrobenzene-d5	100	58.87	59		18	107
			2-Fluorobiphenyl	100	71.26	71		20	109
			2,4,6-Tribromophenol	150	84.91	57		10	110
			Terphenyl-d14	100	59.38	59		14	112
O4895-01	A-1	BF135820.D	2-Fluorophenol	150	178.32	119	*	18	112
			Phenol-d6	150	179.24	119	*	15	107
			Nitrobenzene-d5	100	129.64	130	*	18	107
			2-Fluorobiphenyl	100	114.16	114	*	20	109
			2,4,6-Tribromophenol	150	196.56	131	*	10	110
			Terphenyl-d14	100	115.42	115	*	14	112
O4895-02	A-2	BF135819.D	2-Fluorophenol	150	91.05	61		18	112
			Phenol-d6	150	88.43	59		15	107
			Nitrobenzene-d5	100	59.94	60		18	107
			2-Fluorobiphenyl	100	63.01	63		20	109
			2,4,6-Tribromophenol	150	98.17	65		10	110
			Terphenyl-d14	100	65.88	66		14	112



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BF101723Lab Code: CHEMSAS No.: BF101723 SDG NO.: BF101723Lab File ID: BF135802.DDFTPP Injection Date: 10/17/2023Instrument ID: BNA_FDFTPP Injection Time: 09:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.6
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	24.2
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	31.4
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.5
275	10.0 - 60.0% of mass 198	20.1
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	15.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 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	BF135803.D	10/17/2023	10:24
PB156118BL	PB156118BL	BF135804.D	10/17/2023	10:56
PB156118BS	PB156118BS	BF135805.D	10/17/2023	11:27
PB156118BSD	PB156118BSD	BF135806.D	10/17/2023	11:58
PB156372BS	PB156372BS	BF135807.D	10/17/2023	12:29
PB156372BSD	PB156372BSD	BF135808.D	10/17/2023	13:00
MW-4	O4724-04	BF135809.D	10/17/2023	13:35
MW-2	O4724-03	BF135810.D	10/17/2023	14:06
MW-1	O4724-01	BF135811.D	10/17/2023	14:37
MW-2A	O4724-02	BF135812.D	10/17/2023	15:09
MW-7	O4723-04	BF135813.D	10/17/2023	15:40



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BF101723Lab Code: CHEMSAS No.: BF101723 SDG NO.: BF101723Lab File ID: BF135814.DDFTPP Injection Date: 10/17/2023Instrument ID: BNA_FDFTPP Injection Time: 16:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.8
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	31.7
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	41.4
197	Less than 2.0% of mass 198	0.8
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.8
275	10.0 - 60.0% of mass 198	23.3
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	16
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.9 (19.9) 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	BF135815.D	10/17/2023	16:49
PB156288BL	PB156288BL	BF135816.D	10/17/2023	17:20
MW-6A	O4723-03	BF135817.D	10/17/2023	17:54
MW-5B	O4723-02	BF135818.D	10/17/2023	18:26
A-2	O4895-02	BF135819.D	10/17/2023	18:57
A-1	O4895-01	BF135820.D	10/17/2023	19:28
MW-4B	O4723-01	BF135821.D	10/17/2023	19:59
BW1D	O4740-02	BF135822.D	10/17/2023	20:30
222	O4878-03	BF135823.D	10/17/2023	21:01
72-11995	O4878-01	BF135824.D	10/17/2023	21:32
283	O4878-05	BF135825.D	10/17/2023	22:03
EO-03-10132023-A	O4892-03	BF135826.D	10/17/2023	22:34
EO-03-10132023-B	O4892-05	BF135827.D	10/17/2023	23:05
EO-02-10132023-A	O4892-01	BF135828.D	10/17/2023	23:35
V-2 (0-2IN) DL	O4657-05DL	BF135829.D	10/18/2023	00:06
VNJ-223RE	O4812-01RE	BF135830.D	10/18/2023	00:37
VNJ-223DL	O4812-01DL	BF135831.D	10/18/2023	01:07
V-1 (0-2IN) RE	O4657-07RE	BF135832.D	10/18/2023	01:37
72-11930DL	O4817-01DL	BF135833.D	10/18/2023	02:07



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)Lab Name: CHEMTECHContract: BF101723Lab Code: CHEMSAS No.: BF101723 SDG NO.: BF101723Lab File ID: BF135814.DDFTPP Injection Date: 10/17/2023Instrument ID: BNA_FDFTPP Injection Time: 16:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.8
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	31.7
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	41.4
197	Less than 2.0% of mass 198	0.8
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.8
275	10.0 - 60.0% of mass 198	23.3
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	16
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.9 (19.9) 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
SU-03-100623DL	O4808-01DL	BF135834.D	10/18/2023	02:37
02DL	O4645-02DL	BF135835.D	10/18/2023	03:08
E9066-OB-003RE	O4703-05RE	BF135836.D	10/18/2023	03:38