

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG040224 SAS No.: BG040224 SDG No.: BG040224
Instrument ID: BNA_G Calibration Date/Time: 4/2/2024 12:10:39
Lab File ID: BG060734.D Init. Calib. Date(s): _____
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.887	0.907		2.255	
Pyridine	1.485	1.508		1.549	
2-Fluorophenol	1.201	1.155		-3.83	
Benzaldehyde	0.983	0.872		-11.292	
Aniline	2.250	2.101		-6.622	
Phenol-d6	1.782	1.675		-6.004	
Phenol	1.819	1.702		-6.432	20.0
bis(2-Chloroethyl) ether	1.468	1.341		-8.651	
2-Chlorophenol	1.361	1.317		-3.233	
1,2-Dichlorobenzene	1.415	1.355		-4.24	
1,3-Dichlorobenzene	1.415	1.370		-3.18	
1,4-Dichlorobenzene	1.444	1.410		-2.355	20.0
Benzyl Alcohol	1.444	1.447		0.208	
2-Methylphenol	1.373	1.335		-2.768	
2,2-oxybis(1-Chloropropane)	3.314	3.109		-6.186	
Acetophenone	0.551	0.556		0.907	
3+4-Methylphenols	1.880	1.851		-1.543	
n-Nitroso-di-n-propylamine	1.359	1.291	0.050	-5.004	
Nitrobenzene-d5	0.350	0.407		16.286	
Hexachloroethane	0.513	0.503		-1.949	
Nitrobenzene	0.352	0.411		16.761	
Isophorone	0.807	0.796		-1.363	
2-Nitrophenol	0.120	0.151		25.833	20.0
2,4-Dimethylphenol	0.324	0.324		0.0	
bis(2-Chloroethoxy) methane	0.477	0.469		-1.677	
2,4-Dichlorophenol	0.298	0.312		4.698	20.0
1,2,4-Trichlorobenzene	0.337	0.335		-0.593	
Benzoic acid	0.191	0.258		35.079	
Naphthalene	1.082	1.087		0.462	
4-Chloroaniline	0.503	0.523		3.976	
Hexachlorobutadiene	0.225	0.229		1.778	20.0
Caprolactam	0.118	0.136		15.254	
4-Chloro-3-methylphenol	0.380	0.422		11.053	20.0
2-Methylnaphthalene	0.795	0.819		3.019	
Hexachlorocyclopentadiene	0.292	0.307	0.050	5.137	
2,4,6-Trichlorophenol	0.370	0.406		9.73	20.0
2-Fluorobiphenyl	1.363	1.324		-2.861	
2,4,5-Trichlorophenol	0.442	0.474		7.24	
1,1-Biphenyl	1.413	1.378		-2.477	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG040224 SAS No.: BG040224 SDG No.: BG040224
Instrument ID: BNA_G Calibration Date/Time: 4/2/2024 12:10:39
Lab File ID: BG060734.D Init. Calib. Date(s): _____
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.073	1.051		-2.05	
2-Nitroaniline	0.307	0.395		28.664	
Dimethylphthalate	1.581	1.595		0.886	
Acenaphthylene	1.803	1.804		0.055	
2,6-Dinitrotoluene	0.247	0.310		25.506	
3-Nitroaniline	0.277	0.348		25.632	
Acenaphthene	1.132	1.154		1.943	20.0
2,4-Dinitrophenol	0.110	0.144	0.050	30.909	
4-Nitrophenol	0.231	0.284	0.050	22.944	
Dibenzofuran	1.786	1.789		0.168	
2,4-Dinitrotoluene	0.320	0.432		35.0	
Diethylphthalate	1.590	1.622		2.013	
4-Chlorophenyl-phenylether	0.758	0.770		1.583	
Fluorene	1.433	1.466		2.303	
4-Nitroaniline	0.289	0.367		26.99	
4,6-Dinitro-2-methylphenol	0.073	0.092		26.027	
n-Nitrosodiphenylamine	0.572	0.565		-1.224	20.0
Azobenzene	1.550	1.572		1.419	
2,4,6-Tribromophenol	0.227	0.286		25.991	
4-Bromophenyl-phenylether	0.203	0.213		4.926	
Hexachlorobenzene	0.229	0.228		-0.437	
Atrazine	0.200	0.208		4.0	
Pentachlorophenol	0.150	0.171		14.0	20.0
Phenanthrene	1.040	1.029		-1.058	
Anthracene	1.056	1.070		1.326	
Carbazole	0.931	0.943		1.289	
Di-n-butylphthalate	1.161	1.199		3.273	
Fluoranthene	1.262	1.263		0.079	20.0
Benzidine	0.527	0.561		6.452	
Pyrene	1.399	1.438		2.788	
Terphenyl-d14	1.136	1.145		0.792	
Butylbenzylphthalate	0.510	0.588		15.294	
3,3-Dichlorobenzidine	0.476	0.503		5.672	
Benzo(a)anthracene	1.410	1.403		-0.496	
Chrysene	1.359	1.345		-1.03	
Bis(2-ethylhexyl)phthalate	0.813	0.866		6.519	
Di-n-octyl phthalate	1.325	1.510		13.962	20.0
Benzo(b)fluoranthene	1.149	1.143		-0.522	
Benzo(k)fluoranthene	1.176	1.161		-1.276	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG040224 SAS No.: BG040224 SDG No.: BG040224
 Instrument ID: BNA_G Calibration Date/Time: 4/2/2024 12:10:39
 Lab File ID: BG060734.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.117	1.123		0.537	20.0
Indeno(1,2,3-cd)pyrene	1.408	1.412		0.284	
Dibenzo(a,h)anthracene	1.187	1.191		0.337	
Benzo(g,h,i)perylene	1.155	1.152		-0.26	
1,2,4,5-Tetrachlorobenzene	0.575	0.570		-0.87	
1,4-Dioxane	0.492	0.461		-6.301	20.0
2,3,4,6-Tetrachlorophenol	0.385	0.446		15.844	
1-Methylnaphthalene	0.751	0.776		3.329	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG040224 SAS No.: BG040224 SDG No.: BG040224

Instrument ID: BNA_G Calibration Date/Time: 4/2/2024 12:16:37

Lab File ID: BG060740.D Init. Calib. Date(s): _____

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

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.887	0.983		10.823	
Pyridine	1.485	1.590		7.071	
2-Fluorophenol	1.201	1.210		0.749	
Benzaldehyde	0.983	0.922		-6.205	
Aniline	2.250	2.211		-1.733	
Phenol-d6	1.782	1.775		-0.393	
Phenol	1.819	1.800		-1.045	20.0
bis(2-Chloroethyl) ether	1.468	1.397		-4.837	
2-Chlorophenol	1.361	1.364		0.22	
1,2-Dichlorobenzene	1.415	1.462		3.322	
1,3-Dichlorobenzene	1.415	1.438		1.625	
1,4-Dichlorobenzene	1.444	1.437		-0.485	20.0
Benzyl Alcohol	1.444	1.527		5.748	
2-Methylphenol	1.373	1.390		1.238	
2,2-oxybis(1-Chloropropane)	3.314	3.354		1.207	
Acetophenone	0.551	0.562		1.996	
3+4-Methylphenols	1.880	1.921		2.181	
n-Nitroso-di-n-propylamine	1.359	1.376	0.050	1.251	
Nitrobenzene-d5	0.350	0.414		18.286	
Hexachloroethane	0.513	0.527		2.729	
Nitrobenzene	0.352	0.416		18.182	
Isophorone	0.807	0.772		-4.337	
2-Nitrophenol	0.120	0.159		32.5	20.0
2,4-Dimethylphenol	0.324	0.317		-2.16	
bis(2-Chloroethoxy) methane	0.477	0.461		-3.354	
2,4-Dichlorophenol	0.298	0.314		5.369	20.0
1,2,4-Trichlorobenzene	0.337	0.337		0.0	
Benzoic acid	0.191	0.244		27.749	
Naphthalene	1.082	1.062		-1.848	
4-Chloroaniline	0.503	0.494		-1.789	
Hexachlorobutadiene	0.225	0.222		-1.333	20.0
Caprolactam	0.118	0.123		4.237	
4-Chloro-3-methylphenol	0.380	0.389		2.368	20.0
2-Methylnaphthalene	0.795	0.786		-1.132	
Hexachlorocyclopentadiene	0.292	0.316	0.050	8.219	
2,4,6-Trichlorophenol	0.370	0.401		8.378	20.0
2-Fluorobiphenyl	1.363	1.309		-3.962	
2,4,5-Trichlorophenol	0.442	0.481		8.824	
1,1-Biphenyl	1.413	1.376		-2.619	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG040224 SAS No.: BG040224 SDG No.: BG040224
Instrument ID: BNA_G Calibration Date/Time: 4/2/2024 12:16:37
Lab File ID: BG060740.D Init. Calib. Date(s): _____
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.073	1.047		-2.423	
2-Nitroaniline	0.307	0.397		29.316	
Dimethylphthalate	1.581	1.535		-2.91	
Acenaphthylene	1.803	1.780		-1.276	
2,6-Dinitrotoluene	0.247	0.311		25.911	
3-Nitroaniline	0.277	0.344		24.188	
Acenaphthene	1.132	1.148		1.413	20.0
2,4-Dinitrophenol	0.110	0.153	0.050	39.091	
4-Nitrophenol	0.231	0.274	0.050	18.615	
Dibenzofuran	1.786	1.754		-1.792	
2,4-Dinitrotoluene	0.320	0.421		31.562	
Diethylphthalate	1.590	1.534		-3.522	
4-Chlorophenyl-phenylether	0.758	0.746		-1.583	
Fluorene	1.433	1.406		-1.884	
4-Nitroaniline	0.289	0.349		20.761	
4,6-Dinitro-2-methylphenol	0.073	0.096		31.507	
n-Nitrosodiphenylamine	0.572	0.567		-0.874	20.0
Azobenzene	1.550	1.492		-3.742	
2,4,6-Tribromophenol	0.227	0.272		19.824	
4-Bromophenyl-phenylether	0.203	0.215		5.911	
Hexachlorobenzene	0.229	0.229		0.0	
Atrazine	0.200	0.199		-0.5	
Pentachlorophenol	0.150	0.173		15.333	20.0
Phenanthrene	1.040	1.018		-2.115	
Anthracene	1.056	1.051		-0.473	
Carbazole	0.931	0.918		-1.396	
Di-n-butylphthalate	1.161	1.130		-2.67	
Fluoranthene	1.262	1.229		-2.615	20.0
Benzidine	0.527	0.525		-0.38	
Pyrene	1.399	1.417		1.287	
Terphenyl-d14	1.136	1.113		-2.025	
Butylbenzylphthalate	0.510	0.568		11.373	
3,3-Dichlorobenzidine	0.476	0.514		7.983	
Benzo(a)anthracene	1.410	1.412		0.142	
Chrysene	1.359	1.348		-0.809	
Bis(2-ethylhexyl)phthalate	0.813	0.840		3.321	
Di-n-octyl phthalate	1.325	1.455		9.811	20.0
Benzo(b)fluoranthene	1.149	1.153		0.348	
Benzo(k)fluoranthene	1.176	1.169		-0.595	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG040224 SAS No.: BG040224 SDG No.: BG040224
 Instrument ID: BNA_G Calibration Date/Time: 4/2/2024 12:16:37
 Lab File ID: BG060740.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.117	1.139		1.97	20.0
Indeno(1,2,3-cd)pyrene	1.408	1.417		0.639	
Dibenzo(a,h)anthracene	1.187	1.190		0.253	
Benzo(g,h,i)perylene	1.155	1.157		0.173	
1,2,4,5-Tetrachlorobenzene	0.575	0.578		0.522	
1,4-Dioxane	0.492	0.493		0.203	20.0
2,3,4,6-Tetrachlorophenol	0.385	0.428		11.169	
1-Methylnaphthalene	0.751	0.750		-0.133	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159936BL	SDG No.:	BG040224
Lab Sample ID:	PB159936BL	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
BG060735.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159936BL	SDG No.:	BG040224
Lab Sample ID:	PB159936BL	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
BG060735.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159936BL	SDG No.:	BG040224
Lab Sample ID:	PB159936BL	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
BG060735.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130.507		10-139		87	SPK: -150
13127-88-3	Phenol-d6	120.1		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	91.59		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	85.108		52-132		85	SPK: -100

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159936BL	SDG No.:	BG040224
Lab Sample ID:	PB159936BL	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
BG060735.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	166.047		32-145		111	SPK: -150
1718-51-0	Terphenyl-d14	82.05		36-145		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52986	7.966				
1146-65-2	Naphthalene-d8	205467	10.757				
15067-26-2	Acenaphthene-d10	156259	14.588				
1517-22-2	Phenanthrene-d10	436834	17.337				
1719-03-5	Chrysene-d12	457363	21.597				
1520-96-3	Perylene-d12	526110	24.746				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-82-7	Cyclohexane	3.8	J			3.101	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	15.5	A			5.081	

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159936BS	SDG No.:	BG040224
Lab Sample ID:	PB159936BS	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
BG060736.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	43		1	8	10	ug/L
110-86-1	Pyridine	30		1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	27.5		1.6	4	5	ug/L
108-95-2	Phenol	47.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	49.6		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	49.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	45.4		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	44.9		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	45.4		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	45.2		1.6	8	10	ug/L
95-48-7	2-Methylphenol	45.4		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	43.3		1.4	4	5	ug/L
98-86-2	Acetophenone	45.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	45.4		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.1		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	45.4		1	4	5	ug/L
98-95-3	Nitrobenzene	43.8		1.3	4	5	ug/L
78-59-1	Isophorone	41.9		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	50.5		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	41.8		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.4		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	50.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.5		1.1	4	5	ug/L
65-85-0	Benzoic acid	51.6		5.5	8	10	ug/L
91-20-3	Naphthalene	43.8		1	4	5	ug/L
106-47-8	4-Chloroaniline	13.2		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	45.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159936BS	SDG No.:	BG040224
Lab Sample ID:	PB159936BS	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
BG060736.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	46.6		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	48.6		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	41.9		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	52.7		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	49		1	4	5	ug/L
92-52-4	1,1-Biphenyl	47.3		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	47.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	50.6		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	44.8		0.93	4	5	ug/L
208-96-8	Acenaphthylene	47.9		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	49.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	26.1		1.4	4	5	ug/L
83-32-9	Acenaphthene	50.9		0.81	4	5	ug/L
Total PAH	Total PAH	734.6		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	140	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	120	E	2	8	10	ug/L
132-64-9	Dibenzofuran	45.1		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	102.3		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	53.2		1.5	4	5	ug/L
84-66-2	Diethylphthalate	44		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.2		0.98	4	5	ug/L
86-73-7	Fluorene	45		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	50.7		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	50		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	43.6		0.89	4	5	ug/L
103-33-3	Azobenzene	44		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.8		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	46.8		1.1	4	5	ug/L
1912-24-9	Atrazine	46.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159936BS	SDG No.:	BG040224
Lab Sample ID:	PB159936BS	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
BG060736.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	95.1	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	44.2		0.89	4	5	ug/L
120-12-7	Anthracene	43.9		1.1	4	5	ug/L
86-74-8	Carbazole	44.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	44.4		1.5	4	5	ug/L
206-44-0	Fluoranthene	43.5		1.3	4	5	ug/L
92-87-5	Benzidine	20.8		4.1	8	10	ug/L
129-00-0	Pyrene	46.2		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	50.3		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31.4		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	44.7		0.94	4	5	ug/L
218-01-9	Chrysene	43.4		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.3		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	51		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	49		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	45.5		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	44.3		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.5		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.1		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	46.7		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	48.9		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	33.8		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.3		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	43.3		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	140.084		10-139		93	SPK: -150
13127-88-3	Phenol-d6	131.659		10-134		88	SPK: -150
4165-60-0	Nitrobenzene-d5	92.753		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	88.191		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159936BS	SDG No.:	BG040224
Lab Sample ID:	PB159936BS	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
BG060736.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	161.923		32-145		108	SPK: -150
1718-51-0	Terphenyl-d14	86.565		36-145		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71396	7.96				
1146-65-2	Naphthalene-d8	302238	10.763				
15067-26-2	Acenaphthene-d10	220417	14.594				
1517-22-2	Phenanthrene-d10	531443	17.338				
1719-03-5	Chrysene-d12	465518	21.603				
1520-96-3	Perylene-d12	518840	24.746				

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159911BL	SDG No.:	BG040224
Lab Sample ID:	PB159911BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060737.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.7	U	86.7	270	330	ug/Kg
110-86-1	Pyridine	79.8	U	79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.8	U	96.8	130	170	ug/Kg
108-95-2	Phenol	82.8	U	82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.6	U	83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.4	U	83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.5	U	84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.9	U	85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.4	U	86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.9	U	82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	80.5	U	80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.8	U	90.8	130	170	ug/Kg
98-86-2	Acetophenone	86.8	U	86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.7	U	79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	82.9	U	82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	90.7	U	90.7	130	170	ug/Kg
78-59-1	Isophorone	84.5	U	84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.4	U	94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.1	U	93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.7	U	85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.4	U	75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.3	U	85.3	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.5	U	82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.5	U	82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.2	U	83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159911BL	SDG No.:	BG040224
Lab Sample ID:	PB159911BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060737.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.3	U	71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.9	U	73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.3	U	84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg



Client:				Date Collected:	4/1/2024 12:00:00 AM	
Project:				Date Received:	4/1/2024 12:00:00 AM	
Client Sample ID:	PB159911BL			SDG No.:	BG040224	
Lab Sample ID:	PB159911BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060737.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.6	U	74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	126.07		18-112		84	SPK: -150
13127-88-3	Phenol-d6	117.814		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	87.707		18-107		88	SPK: -100
321-60-8	2-Fluorobiphenyl	81.741		20-109		82	SPK: -100

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159911BL	SDG No.:	BG040224
Lab Sample ID:	PB159911BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060737.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	154.456		10-110		103	SPK: -150
1718-51-0	Terphenyl-d14	76.373		14-112		76	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82692	7.965				
1146-65-2	Naphthalene-d8	318428	10.756				
15067-26-2	Acenaphthene-d10	231736	14.586				
1517-22-2	Phenanthrene-d10	608426	17.336				
1719-03-5	Chrysene-d12	612770	21.596				
1520-96-3	Perylene-d12	687131	24.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.08	
031158-91-5	Hexadecanoic acid, 1,1-dimethyleth	84.2	J			19.68	
000629-99-2	Pentacosane	75.3	J			23.153	
000646-31-1	Tetracosane	100	J			23.958	
000630-02-4	Octacosane	150	J			24.91	
000629-94-7	Heneicosane	150	J			26.044	

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159911BS	SDG No.:	BG040224
Lab Sample ID:	PB159911BS	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
BG060738.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.8	270	330	ug/Kg
110-86-1	Pyridine	960		79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	J	180	270	330	ug/Kg
62-53-3	Aniline	580		96.9	130	170	ug/Kg
108-95-2	Phenol	1600		82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1800		83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		83	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.9	130	170	ug/Kg
98-86-2	Acetophenone	1600		86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	1600		83	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.8	130	170	ug/Kg
78-59-1	Isophorone	1400		84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		85.4	130	170	ug/Kg
65-85-0	Benzoic acid	1800		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	560		82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159911BS	SDG No.:	BG040224
Lab Sample ID:	PB159911BS	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
BG060738.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3400	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1600		87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	1800		95	130	170	ug/Kg
131-11-3	Dimethylphthalate	1500		81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.2	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81.1	130	170	ug/Kg
Total PAH	Total PAH	25500		1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	5100	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3900	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3500		169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	1500		80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.6	130	170	ug/Kg
86-73-7	Fluorene	1500		85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	1800		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.6	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		85	130	170	ug/Kg
1912-24-9	Atrazine	1300		91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159911BS	SDG No.:	BG040224
Lab Sample ID:	PB159911BS	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
BG060738.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3300	E	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	1500		84	130	170	ug/Kg
120-12-7	Anthracene	1500		84.4	130	170	ug/Kg
86-74-8	Carbazole	1500		80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.3	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.7	130	170	ug/Kg
92-87-5	Benzidine	860		160	270	330	ug/Kg
129-00-0	Pyrene	1500		83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.7	130	170	ug/Kg
218-01-9	Chrysene	1500		79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	145.848		18-112		97	SPK: -150
13127-88-3	Phenol-d6	136.669		15-107		91	SPK: -150
4165-60-0	Nitrobenzene-d5	95.923		18-107		96	SPK: -100
321-60-8	2-Fluorobiphenyl	88.12		20-109		88	SPK: -100

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159911BS	SDG No.:	BG040224
Lab Sample ID:	PB159911BS	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
BG060738.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	163.77		10-110		109	SPK: -150
1718-51-0	Terphenyl-d14	82.789		14-112		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85147	7.961				
1146-65-2	Naphthalene-d8	363077	10.764				
15067-26-2	Acenaphthene-d10	262656	14.589				
1517-22-2	Phenanthrene-d10	622054	17.338				
1719-03-5	Chrysene-d12	546085	21.604				
1520-96-3	Perylene-d12	580841	24.747				

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159890TB	SDG No.:	BG040224
Lab Sample ID:	PB159890TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG060741.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159890TB	SDG No.:	BG040224
Lab Sample ID:	PB159890TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG060741.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159890TB	SDG No.:	BG040224
Lab Sample ID:	PB159890TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG060741.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	159.612		10-139		106	SPK: -150
13127-88-3	Phenol-d6	148.894		10-134		99	SPK: -150
4165-60-0	Nitrobenzene-d5	110.894		49-133		111	SPK: -100
321-60-8	2-Fluorobiphenyl	90.486		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	4/1/2024 12:00:00 AM
Project:		Date Received:	4/1/2024 12:00:00 AM
Client Sample ID:	PB159890TB	SDG No.:	BG040224
Lab Sample ID:	PB159890TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG060741.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	187.279		32-145		125	SPK: -150
1718-51-0	Terphenyl-d14	88.468		36-145		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46935	7.958				
1146-65-2	Naphthalene-d8	195059	10.755				
15067-26-2	Acenaphthene-d10	157117	14.586				
1517-22-2	Phenanthrene-d10	437229	17.335				
1719-03-5	Chrysene-d12	480967	21.595				
1520-96-3	Perylene-d12	540095	24.738				

Report of Analysis

Client:				Date Collected:	3/26/2024 12:00:00 AM		
Project:				Date Received:	3/26/2024 12:00:00 AM		
Client Sample ID:	EB-03(2-4)			SDG No.:	BG040224		
Lab Sample ID:	P1879-06			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	7.7		
Sample Wt/Vol:	30.1	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
BG060742.D	1	3/27/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	93.7	U	93.7	290	360	ug/Kg
110-86-1	Pyridine	86.3	U	86.3	140	180	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	360	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	89.5	U	89.5	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90.4	U	90.4	140	180	ug/Kg
95-57-8	2-Chlorophenol	90.2	U	90.2	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	91.4	U	91.4	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	92.9	U	92.9	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	93.4	U	93.4	140	180	ug/Kg
100-51-6	Benzyl Alcohol	89.6	U	89.6	290	360	ug/Kg
95-48-7	2-Methylphenol	87	U	87	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.2	U	98.2	140	180	ug/Kg
98-86-2	Acetophenone	93.8	U	93.8	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	86.2	U	86.2	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.5	U	43.5	86.4	86.4	ug/Kg
67-72-1	Hexachloroethane	89.6	U	89.6	140	180	ug/Kg
98-95-3	Nitrobenzene	98	U	98	140	180	ug/Kg
78-59-1	Isophorone	91.4	U	91.4	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	92.6	U	92.6	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	81.5	U	81.5	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	92.2	U	92.2	140	180	ug/Kg
65-85-0	Benzoic acid	260	U	260	290	360	ug/Kg
91-20-3	Naphthalene	110	J	89.2	140	180	ug/Kg
106-47-8	4-Chloroaniline	89.2	U	89.2	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	89.9	U	89.9	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	EB-03(2-4)	SDG No.:	BG040224
Lab Sample ID:	P1879-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	30.1 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
BG060742.D	1	3/27/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	93.7	U	93.7	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	83.7	U	83.7	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	94.9	J	89.1	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.1	U	77.1	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79.9	U	79.9	140	180	ug/Kg
92-52-4	1,1-Biphenyl	94.4	U	94.4	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	89.9	U	89.9	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	88.2	U	88.2	140	180	ug/Kg
208-96-8	Acenaphthylene	93.4	U	93.4	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.8	U	89.8	140	180	ug/Kg
99-09-2	3-Nitroaniline	96.3	U	96.3	140	180	ug/Kg
83-32-9	Acenaphthene	87.6	U	87.6	140	180	ug/Kg
Total PAH	Total PAH	6560	U	1430.3	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	290	360	ug/Kg
132-64-9	Dibenzofuran	91.1	U	91.1	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	82.9	U	182.9	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.1	U	93.1	140	180	ug/Kg
84-66-2	Diethylphthalate	86.5	U	86.5	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	92.4	U	92.4	140	180	ug/Kg
86-73-7	Fluorene	92.3	U	92.3	140	180	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.1	U	88.1	140	180	ug/Kg
103-33-3	Azobenzene	86	U	86	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.2	U	85.2	140	180	ug/Kg
118-74-1	Hexachlorobenzene	91.8	U	91.8	140	180	ug/Kg
1912-24-9	Atrazine	98.7	U	98.7	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	EB-03(2-4)	SDG No.:	BG040224
Lab Sample ID:	P1879-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	30.1 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
BG060742.D	1	3/27/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83.5	U	83.5	290	360	ug/Kg
85-01-8	Phenanthrene	680		90.7	140	180	ug/Kg
120-12-7	Anthracene	91.1	U	91.1	140	180	ug/Kg
86-74-8	Carbazole	86.7	U	86.7	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	91	U	91	140	180	ug/Kg
206-44-0	Fluoranthene	670		88.2	140	180	ug/Kg
92-87-5	Benzidine	180	U	180	290	360	ug/Kg
129-00-0	Pyrene	970		89.6	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	530		87.1	140	180	ug/Kg
218-01-9	Chrysene	580		85.8	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	98.3	U	98.3	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	660		87.6	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	220		89.2	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	660		100	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	500		84.3	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	87.7	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	860		86.5	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	93.7	U	93.7	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	80.7	U	80.7	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	89.8	U	89.8	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.624		18-112		69	SPK: -150
13127-88-3	Phenol-d6	91.008		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	74.307		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	63.385		20-109		63	SPK: -100

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	EB-03(2-4)	SDG No.:	BG040224
Lab Sample ID:	P1879-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	30.1 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
BG060742.D	1	3/27/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124.81		10-110		83	SPK: -150
1718-51-0	Terphenyl-d14	64.46		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65119	7.953				
1146-65-2	Naphthalene-d8	259154	10.75				
15067-26-2	Acenaphthene-d10	185587	14.58				
1517-22-2	Phenanthrene-d10	456741	17.33				
1719-03-5	Chrysene-d12	445612	21.596				
1520-96-3	Perylene-d12	535206	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			3.176	
	unknown3.687	140	J			3.687	
000832-69-9	Phenanthrene, 1-methyl-	270	J			18.206	
002531-84-2	Phenanthrene, 2-methyl-	650	J			18.247	
000203-64-5	4H-Cyclopenta[def]phenanthrene	360	J			18.399	
000610-48-0	Anthracene, 1-methyl-	170	J			18.435	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	110	J			18.705	
001576-67-6	Phenanthrene, 3,6-dimethyl-	130	J			19.005	
002789-88-0	di-p-Tolylacetylene	100	J			19.046	
959261-22-4	Pentafluoropropionic acid, tridecy	920	J			19.105	
000781-43-1	9,10-Dimethylantracene	210	J			19.181	
005737-13-3	Cyclopenta(def)phenanthrenone	170	J			19.257	
002381-21-7	Pyrene, 1-methyl-	130	J			20.074	
003442-78-2	Pyrene, 2-methyl-	120	J			20.397	
003353-12-6	Pyrene, 4-methyl-	94.7	J			20.538	
000218-30-4	Dibenzo[c,h][2,6]naphthyridine	98.3	J			20.996	
000295-65-8	Cyclohexadecane	150	J			21.278	
002541-69-7	Benz[a]anthracene, 7-methyl-	190	J			22.318	
000192-97-2	Benzo[e]pyrene	600	J			24.445	

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	EB-03(2-4)	SDG No.:	BG040224
Lab Sample ID:	P1879-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060742.D	1	3/27/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	-----	------------	-------

Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	EB-03252024	SDG No.:	BG040224
Lab Sample ID:	P1867-05	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
BG060743.D	1	3/29/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.3	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.2	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.3	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.2	ug/L
108-95-2	Phenol	0.96	U	0.96	4.1	5.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.2	ug/L
95-57-8	2-Chlorophenol	0.73	U	0.73	4.1	5.2	ug/L
95-50-1	1,2-Dichlorobenzene	0.91	U	0.91	4.1	5.2	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.2	ug/L
106-46-7	1,4-Dichlorobenzene	0.87	U	0.87	4.1	5.2	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.3	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.2	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.2	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.2	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.2	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.2	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.2	ug/L
105-67-9	2,4-Dimethylphenol	1.6	U	1.6	4.1	5.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.1	U	1.1	4.1	5.2	ug/L
120-83-2	2,4-Dichlorophenol	0.91	U	0.91	4.1	5.2	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.3	ug/L
91-20-3	Naphthalene	1.1	U	1.1	4.1	5.2	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.2	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	EB-03252024	SDG No.:	BG040224
Lab Sample ID:	P1867-05	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
BG060743.D	1	3/29/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	0.87	U	0.87	4.1	5.2	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.2	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	U	5.2	8.2	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	0.92	U	0.92	4.1	5.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.2	ug/L
92-52-4	1,1-Biphenyl	0.94	U	0.94	4.1	5.2	ug/L
91-58-7	2-Chloronaphthalene	1	U	1	4.1	5.2	ug/L
88-74-4	2-Nitroaniline	1.5	U	1.5	4.1	5.2	ug/L
131-11-3	Dimethylphthalate	0.96	U	0.96	4.1	5.2	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.2	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.2	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.2	ug/L
83-32-9	Acenaphthene	0.84	U	0.84	4.1	5.2	ug/L
Total PAH	Total PAH	17.91	U	17.91	4.1	83.2	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	2.1	U	2.1	8.2	10.3	ug/L
132-64-9	Dibenzofuran	0.96	U	0.96	4.1	5.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.2	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.4	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.2	ug/L
86-73-7	Fluorene	0.99	U	0.99	4.1	5.2	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.2	U	3.2	8.2	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	0.92	U	0.92	4.1	5.2	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.2	ug/L
101-55-3	4-Bromophenyl-phenylether	0.98	U	0.98	4.1	5.2	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.2	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.2	ug/L

Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	EB-03252024	SDG No.:	BG040224
Lab Sample ID:	P1867-05	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
BG060743.D	1	3/29/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.3	ug/L
85-01-8	Phenanthrene	0.92	U	0.92	4.1	5.2	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.2	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.2	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.2	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.2	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.3	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.2	ug/L
85-68-7	Butylbenzylphthalate	2.2	U	2.2	4.1	5.2	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.3	ug/L
56-55-3	Benzo(a)anthracene	0.97	U	0.97	4.1	5.2	ug/L
218-01-9	Chrysene	0.89	U	0.89	4.1	5.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.2	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.2	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.1	U	1.1	4.1	5.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.2	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.2	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.2	ug/L
90-12-0	1-Methylnaphthalene	0.89	U	0.89	4.1	5.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	37.578		10-139		25	SPK: -150
13127-88-3	Phenol-d6	20.85		10-134		14	SPK: -150
4165-60-0	Nitrobenzene-d5	68.359		49-133		68	SPK: -100
321-60-8	2-Fluorobiphenyl	59.571		52-132		60	SPK: -100

Report of Analysis

Client:		Date Collected:	3/25/2024 12:00:00 AM
Project:		Date Received:	3/25/2024 12:00:00 AM
Client Sample ID:	EB-03252024	SDG No.:	BG040224
Lab Sample ID:	P1867-05	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
BG060743.D	1	3/29/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159882

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	121.204		32-145		81	SPK: -150
1718-51-0	Terphenyl-d14	66.526		36-145		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75815	7.954				
1146-65-2	Naphthalene-d8	293298	10.751				
15067-26-2	Acenaphthene-d10	211835	14.582				
1517-22-2	Phenanthrene-d10	512811	17.326				
1719-03-5	Chrysene-d12	495162	21.591				
1520-96-3	Perylene-d12	590836	24.735				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	85.1	J			3.178	
000149-57-5	Hexanoic acid, 2-ethyl-	17	J			9.259	
075853-51-9	13-Methyltetradecanal	3	J			15.264	
000057-10-3	n-Hexadecanoic acid	9.6	J			18.242	
000646-30-0	Nonadecanoic acid	2.3	J			19.517	
000077-94-1	Butyl citrate	2.6	J			19.658	
018435-45-5	1-Nonadecene	6.9	J			21.28	

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11991	SDG No.:	BG040224
Lab Sample ID:	P1927-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG060744.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11991	SDG No.:	BG040224
Lab Sample ID:	P1927-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG060744.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11991	SDG No.:	BG040224
Lab Sample ID:	P1927-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG060744.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	160		40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	39.924		10-139		27	SPK: -150
13127-88-3	Phenol-d6	21.236		10-134		14	SPK: -150
4165-60-0	Nitrobenzene-d5	81.777		49-133		82	SPK: -100
321-60-8	2-Fluorobiphenyl	71.224		52-132		71	SPK: -100

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11991	SDG No.:	BG040224
Lab Sample ID:	P1927-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG060744.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	144.737		32-145		96	SPK: -150
1718-51-0	Terphenyl-d14	80.658		36-145		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69236	7.953				
1146-65-2	Naphthalene-d8	273729	10.75				
15067-26-2	Acenaphthene-d10	191620	14.58				
1517-22-2	Phenanthrene-d10	470738	17.33				
1719-03-5	Chrysene-d12	488801	21.59				
1520-96-3	Perylene-d12	573791	24.727				

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11991MS	SDG No.:	BG040224
Lab Sample ID:	P1927-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG060745.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11991MS	SDG No.:	BG040224
Lab Sample ID:	P1927-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG060745.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11991MS	SDG No.:	BG040224
Lab Sample ID:	P1927-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG060745.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	125.621		10-139		84	SPK: -150
13127-88-3	Phenol-d6	107.695		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	99.422		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	83.067		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11991MS	SDG No.:	BG040224
Lab Sample ID:	P1927-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG060745.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	162.627		32-145		108	SPK: -150
1718-51-0	Terphenyl-d14	82.705		36-145		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66624	7.952				
1146-65-2	Naphthalene-d8	261388	10.749				
15067-26-2	Acenaphthene-d10	194334	14.58				
1517-22-2	Phenanthrene-d10	474676	17.329				
1719-03-5	Chrysene-d12	457540	21.589				
1520-96-3	Perylene-d12	535686	24.727				

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11991MS	SDG No.:	BG040224
Lab Sample ID:	P1927-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG060746.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	450		10.3	80	100	ug/L
110-86-1	Pyridine	380		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	69.3		16	40	50	ug/L
108-95-2	Phenol	400		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	390		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	440		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	450		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	450		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	460		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	380		16	80	100	ug/L
95-48-7	2-Methylphenol	390		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	420		13.5	40	50	ug/L
98-86-2	Acetophenone	460		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	390		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	380		14.8	25	25	ug/L
67-72-1	Hexachloroethane	460		10.1	40	50	ug/L
98-95-3	Nitrobenzene	450		12.7	40	50	ug/L
78-59-1	Isophorone	420		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	550		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	370		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	420		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	520		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	490		11	40	50	ug/L
65-85-0	Benzoic acid	500		54.7	80	100	ug/L
91-20-3	Naphthalene	440		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	24	J	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	470		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11991MS	SDG No.:	BG040224
Lab Sample ID:	P1927-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG060746.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	440		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	480		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	430		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	950	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	520		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	490		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	450		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	460		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	510		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	450		9.3	40	50	ug/L
208-96-8	Acenaphthylene	480		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	510		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	120		13.7	40	50	ug/L
83-32-9	Acenaphthene	520		8.1	40	50	ug/L
Total PAH	Total PAH	7660		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1600	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1200	E	20	80	100	ug/L
132-64-9	Dibenzofuran	460		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4090		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	580		15.2	40	50	ug/L
84-66-2	Diethylphthalate	450		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	450		9.8	40	50	ug/L
86-73-7	Fluorene	470		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	380		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	570		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	340		8.9	40	50	ug/L
103-33-3	Azobenzene	440		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	460		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	470		11.4	40	50	ug/L
1912-24-9	Atrazine	140		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11991MS	SDG No.:	BG040224
Lab Sample ID:	P1927-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG060746.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1000	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	450		8.9	40	50	ug/L
120-12-7	Anthracene	450		10.7	40	50	ug/L
86-74-8	Carbazole	360		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	450		14.7	40	50	ug/L
206-44-0	Fluoranthene	470		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	460		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	500		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	470		9.4	40	50	ug/L
218-01-9	Chrysene	460		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	470		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	500		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	520		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	500		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	480		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	510		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	510		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	470		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	470		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	400		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	550		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	430		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	125.465		10-139		84	SPK: -150
13127-88-3	Phenol-d6	107.12		10-134		71	SPK: -150
4165-60-0	Nitrobenzene-d5	99.97		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	80.723		52-132		81	SPK: -100

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11991MS	SDG No.:	BG040224
Lab Sample ID:	P1927-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG060746.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	163.854		32-145		109	SPK: -150
1718-51-0	Terphenyl-d14	79.521		36-145		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68291	7.958				
1146-65-2	Naphthalene-d8	266041	10.749				
15067-26-2	Acenaphthene-d10	202104	14.585				
1517-22-2	Phenanthrene-d10	522201	17.329				
1719-03-5	Chrysene-d12	500564	21.595				
1520-96-3	Perylene-d12	555427	24.738				

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11991MSD	SDG No.:	BG040224
Lab Sample ID:	P1927-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG060747.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	450		10.3	80	100	ug/L
110-86-1	Pyridine	400		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	73.9		16	40	50	ug/L
108-95-2	Phenol	400		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	390		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	440		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	440		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	440		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	450		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	380		16	80	100	ug/L
95-48-7	2-Methylphenol	400		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	420		13.5	40	50	ug/L
98-86-2	Acetophenone	450		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	400		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	390		14.8	25	25	ug/L
67-72-1	Hexachloroethane	460		10.1	40	50	ug/L
98-95-3	Nitrobenzene	470		12.7	40	50	ug/L
78-59-1	Isophorone	410		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	540		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	360		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	410		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	510		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	470		11	40	50	ug/L
65-85-0	Benzoic acid	500		54.7	80	100	ug/L
91-20-3	Naphthalene	430		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	23.4	J	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	450		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11991MSD	SDG No.:	BG040224
Lab Sample ID:	P1927-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG060747.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	450		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	490		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	430		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	920	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	510		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	490		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	430		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	450		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	520		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	450		9.3	40	50	ug/L
208-96-8	Acenaphthylene	470		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	510		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	120		13.7	40	50	ug/L
83-32-9	Acenaphthene	520		8.1	40	50	ug/L
Total PAH	Total PAH	7620		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1700	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1200	E	20	80	100	ug/L
132-64-9	Dibenzofuran	450		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	580		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	090		27.6	40	100	ug/L
84-66-2	Diethylphthalate	450		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	450		9.8	40	50	ug/L
86-73-7	Fluorene	470		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	360		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	580		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	340		8.9	40	50	ug/L
103-33-3	Azobenzene	440		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	460		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	470		11.4	40	50	ug/L
1912-24-9	Atrazine	140		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11991MSD	SDG No.:	BG040224
Lab Sample ID:	P1927-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG060747.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1000	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	450		8.9	40	50	ug/L
120-12-7	Anthracene	450		10.7	40	50	ug/L
86-74-8	Carbazole	340		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	450		14.7	40	50	ug/L
206-44-0	Fluoranthene	460		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	450		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	500		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	460		9.4	40	50	ug/L
218-01-9	Chrysene	450		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	470		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	500		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	530		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	510		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	490		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	510		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	510		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	460		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	450		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	380		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	540		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	420		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	125.382		10-139		84	SPK: -150
13127-88-3	Phenol-d6	107.773		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	98.746		49-133		99	SPK: -100
321-60-8	2-Fluorobiphenyl	78.177		52-132		78	SPK: -100

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11991MSD	SDG No.:	BG040224
Lab Sample ID:	P1927-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BG060747.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	163.91		32-145		109	SPK: -150
1718-51-0	Terphenyl-d14	80.045		36-145		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64322	7.956				
1146-65-2	Naphthalene-d8	260224	10.752				
15067-26-2	Acenaphthene-d10	204595	14.583				
1517-22-2	Phenanthrene-d10	527306	17.333				
1719-03-5	Chrysene-d12	503860	21.593				
1520-96-3	Perylene-d12	534868	24.73				

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11998	SDG No.:	BG040224
Lab Sample ID:	P1927-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG060748.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11998	SDG No.:	BG040224
Lab Sample ID:	P1927-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG060748.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11998	SDG No.:	BG040224
Lab Sample ID:	P1927-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG060748.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	122.66		10-139		82	SPK: -150
13127-88-3	Phenol-d6	102.491		10-134		68	SPK: -150
4165-60-0	Nitrobenzene-d5	101.587		49-133		102	SPK: -100
321-60-8	2-Fluorobiphenyl	81.951		52-132		82	SPK: -100

Report of Analysis

Client:		Date Collected:	3/29/2024 12:00:00 AM
Project:		Date Received:	3/29/2024 12:00:00 AM
Client Sample ID:	72-11998	SDG No.:	BG040224
Lab Sample ID:	P1927-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BG060748.D	1	4/1/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	172.276		32-145		115	SPK: -150
1718-51-0	Terphenyl-d14	84.404		36-145		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59849	7.953				
1146-65-2	Naphthalene-d8	230550	10.75				
15067-26-2	Acenaphthene-d10	168057	14.581				
1517-22-2	Phenanthrene-d10	431789	17.33				
1719-03-5	Chrysene-d12	448798	21.59				
1520-96-3	Perylene-d12	526887	24.728				



Client:				Date Collected:	3/26/2024 12:00:00 AM	
Project:				Date Received:	3/26/2024 12:00:00 AM	
Client Sample ID:	EB-04(2-4)			SDG No.:	BG040224	
Lab Sample ID:	P1879-08			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	8.1	
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060749.D	1	3/27/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	94.3	U	94.3	290	360	ug/Kg
110-86-1	Pyridine	86.8	U	86.8	140	180	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	360	ug/Kg
62-53-3	Aniline	110	U	110	140	180	ug/Kg
108-95-2	Phenol	90.1	U	90.1	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91	U	91	140	180	ug/Kg
95-57-8	2-Chlorophenol	90.7	U	90.7	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	91.9	U	91.9	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	93.5	U	93.5	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	94	U	94	140	180	ug/Kg
100-51-6	Benzyl Alcohol	90.2	U	90.2	290	360	ug/Kg
95-48-7	2-Methylphenol	87.6	U	87.6	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.8	U	98.8	140	180	ug/Kg
98-86-2	Acetophenone	94.4	U	94.4	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	86.7	U	86.7	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.8	U	43.8	86.9	86.9	ug/Kg
67-72-1	Hexachloroethane	90.2	U	90.2	140	180	ug/Kg
98-95-3	Nitrobenzene	98.7	U	98.7	140	180	ug/Kg
78-59-1	Isophorone	91.9	U	91.9	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.2	U	93.2	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	82	U	82	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	92.8	U	92.8	140	180	ug/Kg
65-85-0	Benzoic acid	260	U	260	290	360	ug/Kg
91-20-3	Naphthalene	89.8	U	89.8	140	180	ug/Kg
106-47-8	4-Chloroaniline	89.8	U	89.8	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	90.5	U	90.5	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	EB-04(2-4)	SDG No.:	BG040224
Lab Sample ID:	P1879-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060749.D	1	3/27/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	94.3	U	94.3	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.2	U	84.2	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	89.7	U	89.7	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.6	U	77.6	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.4	U	80.4	140	180	ug/Kg
92-52-4	1,1-Biphenyl	95	U	95	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	90.5	U	90.5	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	88.8	U	88.8	140	180	ug/Kg
208-96-8	Acenaphthylene	94	U	94	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.4	U	90.4	140	180	ug/Kg
99-09-2	3-Nitroaniline	96.9	U	96.9	140	180	ug/Kg
83-32-9	Acenaphthene	88.1	U	88.1	140	180	ug/Kg
Total PAH	Total PAH	2240	U	1438.9	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	290	360	ug/Kg
132-64-9	Dibenzofuran	91.7	U	91.7	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.7	U	93.7	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	84.1	U	184.1	140	360	ug/Kg
84-66-2	Diethylphthalate	87	U	87	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93	U	93	140	180	ug/Kg
86-73-7	Fluorene	92.9	U	92.9	140	180	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.7	U	88.7	140	180	ug/Kg
103-33-3	Azobenzene	86.5	U	86.5	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.7	U	85.7	140	180	ug/Kg
118-74-1	Hexachlorobenzene	92.4	U	92.4	140	180	ug/Kg
1912-24-9	Atrazine	99.3	U	99.3	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	EB-04(2-4)	SDG No.:	BG040224
Lab Sample ID:	P1879-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060749.D	1	3/27/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84	U	84	290	360	ug/Kg
85-01-8	Phenanthrene	230		91.3	140	180	ug/Kg
120-12-7	Anthracene	91.7	U	91.7	140	180	ug/Kg
86-74-8	Carbazole	87.3	U	87.3	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	91.6	U	91.6	140	180	ug/Kg
206-44-0	Fluoranthene	250		88.8	140	180	ug/Kg
92-87-5	Benzidine	180	U	180	290	360	ug/Kg
129-00-0	Pyrene	350		90.2	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	220		87.7	140	180	ug/Kg
218-01-9	Chrysene	240		86.4	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	98.9	U	98.9	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	260		88.1	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	89.8	U	89.8	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	270		100	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	84.9	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.2	U	88.2	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260		87	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.3	U	94.3	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.2	U	81.2	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	90.4	U	90.4	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.644		18-112		62	SPK: -150
13127-88-3	Phenol-d6	86.546		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	65.837		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	57.635		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	EB-04(2-4)	SDG No.:	BG040224
Lab Sample ID:	P1879-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060749.D	1	3/27/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.736		10-110		75	SPK: -150
1718-51-0	Terphenyl-d14	57.112		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70237	7.952				
1146-65-2	Naphthalene-d8	280376	10.749				
15067-26-2	Acenaphthene-d10	204585	14.58				
1517-22-2	Phenanthrene-d10	472931	17.33				
1719-03-5	Chrysene-d12	454817	21.589				
1520-96-3	Perylene-d12	532998	24.727				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	970	J			3.176	
000057-55-6	Propylene Glycol	96.7	J			3.687	
000637-50-3	Benzene, 1-propenyl-	85.5	J			7.629	
002531-84-2	Phenanthrene, 2-methyl-	100	J			18.205	
000057-10-3	n-Hexadecanoic acid	430	J			18.24	
000832-69-9	Phenanthrene, 1-methyl-	130	J			18.393	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	73.5	J			18.44	
003674-66-6	Phenanthrene, 2,5-dimethyl-	190	J			19.122	
016606-46-5	Naphthalene, 1,2-dihydro-1-phenyl-	92.7	J			19.18	
002381-21-7	Pyrene, 1-methyl-	77.2	J			20.074	
003353-12-6	Pyrene, 4-methyl-	82.6	J			20.397	
000296-56-0	Cycloeicosane	170	J			21.278	
001705-84-6	Triphenylene, 2-methyl-	90.2	J			22.312	
000192-97-2	Benzo[e]pyrene	230	J			24.439	

Report of Analysis

Client:				Date Collected:	3/26/2024 12:00:00 AM		
Project:				Date Received:	3/26/2024 12:00:00 AM		
Client Sample ID:	EB-04(0-2)			SDG No.:	BG040224		
Lab Sample ID:	P1879-07			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	6.7		
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:				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
BG060750.D	1	3/27/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	92.8	U	92.8	290	350	ug/Kg
110-86-1	Pyridine	85.5	U	85.5	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	290	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	88.7	U	88.7	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.5	U	89.5	140	180	ug/Kg
95-57-8	2-Chlorophenol	89.3	U	89.3	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	90.5	U	90.5	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	92	U	92	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	92.5	U	92.5	140	180	ug/Kg
100-51-6	Benzyl Alcohol	88.8	U	88.8	290	350	ug/Kg
95-48-7	2-Methylphenol	86.2	U	86.2	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	97.2	U	97.2	140	180	ug/Kg
98-86-2	Acetophenone	93	U	93	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	85.4	U	85.4	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.1	U	43.1	85.6	85.6	ug/Kg
67-72-1	Hexachloroethane	88.8	U	88.8	140	180	ug/Kg
98-95-3	Nitrobenzene	97.1	U	97.1	140	180	ug/Kg
78-59-1	Isophorone	90.5	U	90.5	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	99.7	U	99.7	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	91.8	U	91.8	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	80.8	U	80.8	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	91.4	U	91.4	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	110	J	88.4	140	180	ug/Kg
106-47-8	4-Chloroaniline	88.4	U	88.4	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	89.1	U	89.1	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	EB-04(0-2)	SDG No.:	BG040224
Lab Sample ID:	P1879-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060750.D	1	3/27/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	92.8	U	92.8	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.9	U	82.9	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	150	J	88.2	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76.4	U	76.4	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79.2	U	79.2	140	180	ug/Kg
92-52-4	1,1-Biphenyl	93.5	U	93.5	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	89.1	U	89.1	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	87.4	U	87.4	140	180	ug/Kg
208-96-8	Acenaphthylene	92.5	U	92.5	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	89	U	89	140	180	ug/Kg
99-09-2	3-Nitroaniline	95.4	U	95.4	140	180	ug/Kg
83-32-9	Acenaphthene	86.8	U	86.8	140	180	ug/Kg
Total PAH	Total PAH	4490	U	1417.7	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	350	ug/Kg
132-64-9	Dibenzofuran	90.3	U	90.3	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	181.2	U	181.2	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	92.2	U	92.2	140	180	ug/Kg
84-66-2	Diethylphthalate	85.7	U	85.7	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	91.6	U	91.6	140	180	ug/Kg
86-73-7	Fluorene	140	J	91.5	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	87.3	U	87.3	140	180	ug/Kg
103-33-3	Azobenzene	85.1	U	85.1	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	84.4	U	84.4	140	180	ug/Kg
118-74-1	Hexachlorobenzene	90.9	U	90.9	140	180	ug/Kg
1912-24-9	Atrazine	97.8	U	97.8	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	EB-04(0-2)	SDG No.:	BG040224
Lab Sample ID:	P1879-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060750.D	1	3/27/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	82.7	U	82.7	290	350	ug/Kg
85-01-8	Phenanthrene	980		89.9	140	180	ug/Kg
120-12-7	Anthracene	90.3	U	90.3	140	180	ug/Kg
86-74-8	Carbazole	85.9	U	85.9	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	90.2	U	90.2	140	180	ug/Kg
206-44-0	Fluoranthene	530		87.4	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	290	350	ug/Kg
129-00-0	Pyrene	810		88.8	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	350		86.3	140	180	ug/Kg
218-01-9	Chrysene	380		85	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	97.3	U	97.3	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	330		86.8	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	88.4	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	310		99.5	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	83.5	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86.9	U	86.9	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260		85.7	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	92.8	U	92.8	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79.9	U	79.9	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	170	J	89	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109.214		18-112		73	SPK: -150
13127-88-3	Phenol-d6	102.004		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	76.273		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	66.784		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	EB-04(0-2)	SDG No.:	BG040224
Lab Sample ID:	P1879-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.7
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
BG060750.D	1	3/27/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	130.322		10-110		87	SPK: -150
1718-51-0	Terphenyl-d14	67.285		14-112		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68299	7.954				
1146-65-2	Naphthalene-d8	275422	10.751				
15067-26-2	Acenaphthene-d10	208806	14.582				
1517-22-2	Phenanthrene-d10	479984	17.332				
1719-03-5	Chrysene-d12	446130	21.591				
1520-96-3	Perylene-d12	526678	24.729				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	680	J			3.172	
000057-55-6	Propylene Glycol	160	J			3.683	
000575-43-9	Naphthalene, 1,6-dimethyl-	90.6	J			13.759	
000581-40-8	Naphthalene, 2,3-dimethyl-	130	J			13.906	
1000383-55-1	2-Methyldibenzothiophene	97	J			17.913	
000832-69-9	Phenanthrene, 1-methyl-	350	J			18.207	
002531-84-2	Phenanthrene, 2-methyl-	670	J			18.248	
000610-48-0	Anthracene, 1-methyl-	380	J			18.395	
000613-12-7	Anthracene, 2-methyl-	200	J			18.436	
000612-94-2	Naphthalene, 2-phenyl-	120	J			18.707	
000084-65-1	9,10-Anthracenedione	100	J			18.736	
1000282-98-1	Dichloroacetic acid, 4-hexadecyl e	640	J			19.1	
001576-67-6	Phenanthrene, 3,6-dimethyl-	140	J			19.183	
003674-65-5	Phenanthrene, 2,3-dimethyl-	140	J			19.259	
002381-21-7	Pyrene, 1-methyl-	130	J			20.076	
000243-17-4	11H-Benzo[b]fluorene	94.1	J			20.24	
003353-12-6	Pyrene, 4-methyl-	100	J			20.399	
027519-02-4	9-Tricosene, (Z)-	160	J			21.274	
000192-97-2	Benzo[e]pyrene	260	J			24.441	

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	EB-04(0-2)	SDG No.:	BG040224
Lab Sample ID:	P1879-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060750.D	1	3/27/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	-----	------------	-------



Client:				Date Collected:	3/26/2024 12:00:00 AM	
Project:				Date Received:	3/26/2024 12:00:00 AM	
Client Sample ID:	HS-03(0-6)			SDG No.:	BG040224	
Lab Sample ID:	P1879-11			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	12.6	
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
BG060751.D	1	3/27/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	99	U	99	310	380	ug/Kg
110-86-1	Pyridine	91.1	U	91.1	150	190	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	94.6	U	94.6	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	95.5	U	95.5	150	190	ug/Kg
95-57-8	2-Chlorophenol	95.3	U	95.3	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	96.5	U	96.5	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	98.1	U	98.1	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	98.7	U	98.7	150	190	ug/Kg
100-51-6	Benzyl Alcohol	94.7	U	94.7	310	380	ug/Kg
95-48-7	2-Methylphenol	91.9	U	91.9	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	99.1	U	99.1	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	91	U	91	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46	U	46	91.3	91.3	ug/Kg
67-72-1	Hexachloroethane	94.7	U	94.7	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	96.5	U	96.5	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	97.9	U	97.9	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	86.1	U	86.1	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	97.4	U	97.4	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	210		94.2	150	190	ug/Kg
106-47-8	4-Chloroaniline	94.2	U	94.2	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	95	U	95	150	190	ug/Kg



Client:				Date Collected:	3/26/2024 12:00:00 AM	
Project:				Date Received:	3/26/2024 12:00:00 AM	
Client Sample ID:	HS-03(0-6)			SDG No.:	BG040224	
Lab Sample ID:	P1879-11			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	12.6	
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
BG060751.D	1	3/27/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	99	U	99	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	88.4	U	88.4	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	220		94.1	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	81.4	U	81.4	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	84.4	U	84.4	150	190	ug/Kg
92-52-4	1,1-Biphenyl	99.7	U	99.7	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	95	U	95	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	93.2	U	93.2	150	190	ug/Kg
208-96-8	Acenaphthylene	98.7	U	98.7	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	94.9	U	94.9	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	92.5	U	92.5	150	190	ug/Kg
Total PAH	Total PAH	5980	U	1515.5	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	96.3	U	96.3	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	98.3	U	98.3	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	93.2	U	193.2	150	380	ug/Kg
84-66-2	Diethylphthalate	91.4	U	91.4	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	97.6	U	97.6	150	190	ug/Kg
86-73-7	Fluorene	180	J	97.5	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.1	U	93.1	150	190	ug/Kg
103-33-3	Azobenzene	90.8	U	90.8	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	90	U	90	150	190	ug/Kg
118-74-1	Hexachlorobenzene	97	U	97	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	HS-03(0-6)	SDG No.:	BG040224
Lab Sample ID:	P1879-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060751.D	1	3/27/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	88.2	U	88.2	310	380	ug/Kg
85-01-8	Phenanthrene	1200		95.8	150	190	ug/Kg
120-12-7	Anthracene	96.3	U	96.3	150	190	ug/Kg
86-74-8	Carbazole	91.6	U	91.6	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	96.2	U	96.2	150	190	ug/Kg
206-44-0	Fluoranthene	700		93.2	150	190	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	1000		94.7	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	460		92.1	150	190	ug/Kg
218-01-9	Chrysene	490		90.7	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	470		92.5	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	94.2	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	440		110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260		89.1	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	92.6	U	92.6	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	420		91.4	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	99	U	99	150	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	85.2	U	85.2	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	230		94.9	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.768		18-112		59	SPK: -150
13127-88-3	Phenol-d6	80.439		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	65.791		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	58.406		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	HS-03(0-6)	SDG No.:	BG040224
Lab Sample ID:	P1879-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
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
BG060751.D	1	3/27/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	108.746		10-110		72	SPK: -150
1718-51-0	Terphenyl-d14	56.684		14-112		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76734	7.952				
1146-65-2	Naphthalene-d8	300175	10.749				
15067-26-2	Acenaphthene-d10	211610	14.579				
1517-22-2	Phenanthrene-d10	473953	17.329				
1719-03-5	Chrysene-d12	444790	21.595				
1520-96-3	Perylene-d12	520616	24.732				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	910	J			3.175	
000575-43-9	Naphthalene, 1,6-dimethyl-	120	J			13.763	
000581-40-8	Naphthalene, 2,3-dimethyl-	180	J			13.904	
000832-69-9	Phenanthrene, 1-methyl-	460	J			18.211	
002531-84-2	Phenanthrene, 2-methyl-	840	J			18.252	
000203-64-5	4H-Cyclopenta[def]phenanthrene	480	J			18.399	
000779-02-2	Anthracene, 9-methyl-	220	J			18.44	
000612-94-2	Naphthalene, 2-phenyl-	140	J			18.704	
001576-67-6	Phenanthrene, 3,6-dimethyl-	130	J			19.004	
003674-66-6	Phenanthrene, 2,5-dimethyl-	300	J			19.121	
000483-87-4	Phenanthrene, 1,7-dimethyl-	190	J			19.18	
000781-43-1	9,10-Dimethylanthracene	180	J			19.262	
002381-21-7	Pyrene, 1-methyl-	130	J			20.079	
000238-84-6	11H-Benzo[a]fluorene	130	J			20.238	
003442-78-2	Pyrene, 2-methyl-	120	J			20.402	
001599-67-3	1-Docosene	240	J			21.278	
000296-56-0	Cycloeicosane	300	J			22.453	
1000309-17-7	Sulfurous acid, butyl decyl ester	120	J			23.945	
007206-21-5	5-Octadecene, (E)-	520	J			23.986	

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	HS-03(0-6)	SDG No.:	BG040224
Lab Sample ID:	P1879-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.6
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060751.D	1	3/27/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	390	J			24.439	

Report of Analysis

Client:				Date Collected:	3/26/2024 12:00:00 AM		
Project:				Date Received:	3/26/2024 12:00:00 AM		
Client Sample ID:	EB-01(0-2)			SDG No.:	BG040224		
Lab Sample ID:	P1879-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	8.9		
Sample Wt/Vol:	30.02	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060752.D	1	3/27/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	95.2	U	95.2	300	360	ug/Kg
110-86-1	Pyridine	87.6	U	87.6	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	360	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	90.9	U	90.9	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91.8	U	91.8	140	190	ug/Kg
95-57-8	2-Chlorophenol	91.6	U	91.6	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	92.8	U	92.8	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	94.3	U	94.3	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	94.9	U	94.9	140	190	ug/Kg
100-51-6	Benzyl Alcohol	91	U	91	300	360	ug/Kg
95-48-7	2-Methylphenol	88.4	U	88.4	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	99.7	U	99.7	140	190	ug/Kg
98-86-2	Acetophenone	95.3	U	95.3	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	87.5	U	87.5	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.2	U	44.2	87.8	87.8	ug/Kg
67-72-1	Hexachloroethane	91	U	91	140	190	ug/Kg
98-95-3	Nitrobenzene	99.6	U	99.6	140	190	ug/Kg
78-59-1	Isophorone	92.8	U	92.8	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	94.1	U	94.1	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	82.8	U	82.8	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	93.7	U	93.7	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	360	ug/Kg
91-20-3	Naphthalene	90.6	U	90.6	140	190	ug/Kg
106-47-8	4-Chloroaniline	90.6	U	90.6	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	91.4	U	91.4	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	EB-01(0-2)	SDG No.:	BG040224
Lab Sample ID:	P1879-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BG060752.D	1	3/27/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	95.2	U	95.2	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85	U	85	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	90.5	U	90.5	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78.3	U	78.3	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81.2	U	81.2	140	190	ug/Kg
92-52-4	1,1-Biphenyl	95.9	U	95.9	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	91.4	U	91.4	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	89.6	U	89.6	140	190	ug/Kg
208-96-8	Acenaphthylene	94.9	U	94.9	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	91.3	U	91.3	140	190	ug/Kg
99-09-2	3-Nitroaniline	97.8	U	97.8	140	190	ug/Kg
83-32-9	Acenaphthene	89	U	89	140	190	ug/Kg
Total PAH	Total PAH	1451.6	U	1451.6	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	360	ug/Kg
132-64-9	Dibenzofuran	92.6	U	92.6	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	94.6	U	94.6	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	85.9	U	185.9	140	380	ug/Kg
84-66-2	Diethylphthalate	87.9	U	87.9	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93.9	U	93.9	140	190	ug/Kg
86-73-7	Fluorene	93.8	U	93.8	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	89.5	U	89.5	140	190	ug/Kg
103-33-3	Azobenzene	87.3	U	87.3	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86.6	U	86.6	140	190	ug/Kg
118-74-1	Hexachlorobenzene	93.2	U	93.2	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	EB-01(0-2)	SDG No.:	BG040224
Lab Sample ID:	P1879-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BG060752.D	1	3/27/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84.8	U	84.8	300	360	ug/Kg
85-01-8	Phenanthrene	130	J	92.1	140	190	ug/Kg
120-12-7	Anthracene	92.6	U	92.6	140	190	ug/Kg
86-74-8	Carbazole	88.1	U	88.1	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	92.5	U	92.5	140	190	ug/Kg
206-44-0	Fluoranthene	200		89.6	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	360	ug/Kg
129-00-0	Pyrene	230		91	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	360		110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	88.5	140	190	ug/Kg
218-01-9	Chrysene	130	J	87.2	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	480		99.8	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	89	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	90.6	U	90.6	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85.7	U	85.7	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89.1	U	89.1	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	87.9	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	95.2	U	95.2	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.9	U	81.9	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	91.3	U	91.3	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.148		18-112		51	SPK: -150
13127-88-3	Phenol-d6	69.751		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	55.199		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	48.666		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	EB-01(0-2)	SDG No.:	BG040224
Lab Sample ID:	P1879-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.9
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
BG060752.D	1	3/27/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159793

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	93.021		10-110		62	SPK: -150
1718-51-0	Terphenyl-d14	49.829		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75450	7.953				
1146-65-2	Naphthalene-d8	296391	10.749				
15067-26-2	Acenaphthene-d10	211500	14.58				
1517-22-2	Phenanthrene-d10	482902	17.33				
1719-03-5	Chrysene-d12	456623	21.596				
1520-96-3	Perylene-d12	542031	24.733				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	830	J			3.176	
	unknown3.687	140	J			3.687	
000057-10-3	n-Hexadecanoic acid	440	J			18.241	
000057-11-4	Octadecanoic acid	120	J			19.516	
000296-56-0	Cycloeicosane	240	J			21.278	
1000309-26-8	Oxalic acid, pentadecyl propyl est	170	J			22.453	
000593-49-7	Heptacosane	580	J			23.946	

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	HS-02(0-6)	SDG No.:	BG040224
Lab Sample ID:	P1879-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7
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
BG060753.D	1	3/28/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	93.3	U	93.3	290	350	ug/Kg
110-86-1	Pyridine	85.9	U	85.9	140	180	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	89.1	U	89.1	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.9	U	89.9	140	180	ug/Kg
95-57-8	2-Chlorophenol	89.7	U	89.7	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	90.9	U	90.9	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	92.4	U	92.4	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	92.9	U	92.9	140	180	ug/Kg
100-51-6	Benzyl Alcohol	89.2	U	89.2	290	350	ug/Kg
95-48-7	2-Methylphenol	86.6	U	86.6	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	97.7	U	97.7	140	180	ug/Kg
98-86-2	Acetophenone	93.4	U	93.4	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	85.7	U	85.7	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.3	U	43.3	86	86	ug/Kg
67-72-1	Hexachloroethane	89.2	U	89.2	140	180	ug/Kg
98-95-3	Nitrobenzene	97.6	U	97.6	140	180	ug/Kg
78-59-1	Isophorone	90.9	U	90.9	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	92.2	U	92.2	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	81.1	U	81.1	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	91.8	U	91.8	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	88.8	U	88.8	140	180	ug/Kg
106-47-8	4-Chloroaniline	88.8	U	88.8	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	89.5	U	89.5	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	HS-02(0-6)	SDG No.:	BG040224
Lab Sample ID:	P1879-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7
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
BG060753.D	1	3/28/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	93.3	U	93.3	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	83.3	U	83.3	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	88.7	U	88.7	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76.7	U	76.7	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79.5	U	79.5	140	180	ug/Kg
92-52-4	1,1-Biphenyl	93.9	U	93.9	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	89.5	U	89.5	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	87.8	U	87.8	140	180	ug/Kg
208-96-8	Acenaphthylene	92.9	U	92.9	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.4	U	89.4	140	180	ug/Kg
99-09-2	3-Nitroaniline	95.9	U	95.9	140	180	ug/Kg
83-32-9	Acenaphthene	87.1	U	87.1	140	180	ug/Kg
Total PAH	Total PAH	2276.7	U	1423.9	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	350	ug/Kg
132-64-9	Dibenzofuran	90.7	U	90.7	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	82	U	182	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	92.6	U	92.6	140	180	ug/Kg
84-66-2	Diethylphthalate	86.1	U	86.1	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	92	U	92	140	180	ug/Kg
86-73-7	Fluorene	91.9	U	91.9	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	87.7	U	87.7	140	180	ug/Kg
103-33-3	Azobenzene	85.5	U	85.5	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	84.8	U	84.8	140	180	ug/Kg
118-74-1	Hexachlorobenzene	91.3	U	91.3	140	180	ug/Kg
1912-24-9	Atrazine	98.2	U	98.2	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	HS-02(0-6)	SDG No.:	BG040224
Lab Sample ID:	P1879-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7
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
BG060753.D	1	3/28/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83.1	U	83.1	290	350	ug/Kg
85-01-8	Phenanthrene	340		90.3	140	180	ug/Kg
120-12-7	Anthracene	90.7	U	90.7	140	180	ug/Kg
86-74-8	Carbazole	86.3	U	86.3	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	90.6	U	90.6	140	180	ug/Kg
206-44-0	Fluoranthene	300		87.8	140	180	ug/Kg
92-87-5	Benzidine	180	U	180	290	350	ug/Kg
129-00-0	Pyrene	470		89.2	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	230		86.7	140	180	ug/Kg
218-01-9	Chrysene	240		85.4	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	97.8	U	97.8	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	250		87.1	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	88.8	U	88.8	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	220		99.9	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	96.7	J	83.9	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87.3	U	87.3	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	86.1	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	93.3	U	93.3	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	80.3	U	80.3	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	89.4	U	89.4	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	57.399		18-112		38	SPK: -150
13127-88-3	Phenol-d6	53.885		15-107		36	SPK: -150
4165-60-0	Nitrobenzene-d5	41.764		18-107		42	SPK: -100
321-60-8	2-Fluorobiphenyl	37.849		20-109		38	SPK: -100

Report of Analysis

Client:		Date Collected:	3/26/2024 12:00:00 AM
Project:		Date Received:	3/26/2024 12:00:00 AM
Client Sample ID:	HS-02(0-6)	SDG No.:	BG040224
Lab Sample ID:	P1879-14	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7
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
BG060753.D	1	3/28/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.337		10-110		44	SPK: -150
1718-51-0	Terphenyl-d14	38.53		14-112		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89148	7.958				
1146-65-2	Naphthalene-d8	351314	10.754				
15067-26-2	Acenaphthene-d10	247862	14.579				
1517-22-2	Phenanthrene-d10	521919	17.329				
1719-03-5	Chrysene-d12	477416	21.595				
1520-96-3	Perylene-d12	564178	24.744				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	560	J			3.175	
000057-55-6	Propylene Glycol	160	J			3.686	
000610-48-0	Anthracene, 1-methyl-	130	J			18.21	
000057-10-3	n-Hexadecanoic acid	340	J			18.246	
000203-64-5	4H-Cyclopenta[def]phenanthrene	170	J			18.398	
002531-84-2	Phenanthrene, 2-methyl-	84.9	J			18.439	
000781-43-1	9,10-Dimethylanthracene	110	J			19.127	
001576-67-6	Phenanthrene, 3,6-dimethyl-	78.4	J			19.18	
002381-21-7	Pyrene, 1-methyl-	75.6	J			20.079	
071502-22-2	9-Hexacosene	81.3	J			21.277	

Report of Analysis

Client:		Date Collected:	3/27/2024 12:00:00 AM
Project:		Date Received:	3/27/2024 12:00:00 AM
Client Sample ID:	SS-1	SDG No.:	BG040224
Lab Sample ID:	P1900-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BG060754.D	1	3/28/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	98.4	U	98.4	310	370	ug/Kg
110-86-1	Pyridine	90.6	U	90.6	150	190	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	94	U	94	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	94.9	U	94.9	150	190	ug/Kg
95-57-8	2-Chlorophenol	94.6	U	94.6	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	95.9	U	95.9	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	97.5	U	97.5	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	98	U	98	150	190	ug/Kg
100-51-6	Benzyl Alcohol	94.1	U	94.1	310	370	ug/Kg
95-48-7	2-Methylphenol	91.3	U	91.3	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	98.5	U	98.5	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	90.4	U	90.4	310	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.7	U	45.7	90.7	90.7	ug/Kg
67-72-1	Hexachloroethane	94.1	U	94.1	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	95.9	U	95.9	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	97.2	U	97.2	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	85.6	U	85.6	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	96.8	U	96.8	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	370	ug/Kg
91-20-3	Naphthalene	93.6	U	93.6	150	190	ug/Kg
106-47-8	4-Chloroaniline	93.6	U	93.6	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	94.4	U	94.4	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/27/2024 12:00:00 AM
Project:		Date Received:	3/27/2024 12:00:00 AM
Client Sample ID:	SS-1	SDG No.:	BG040224
Lab Sample ID:	P1900-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BG060754.D	1	3/28/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	98.4	U	98.4	310	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	87.8	U	87.8	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	93.5	U	93.5	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80.9	U	80.9	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83.9	U	83.9	150	190	ug/Kg
92-52-4	1,1-Biphenyl	99.1	U	99.1	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	94.4	U	94.4	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	92.6	U	92.6	150	190	ug/Kg
208-96-8	Acenaphthylene	98	U	98	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	94.3	U	94.3	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	91.9	U	91.9	150	190	ug/Kg
Total PAH	Total PAH	1506.4	U	1506.4	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	370	ug/Kg
132-64-9	Dibenzofuran	95.7	U	95.7	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	192	U	192	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	97.7	U	97.7	150	190	ug/Kg
84-66-2	Diethylphthalate	90.8	U	90.8	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	97	U	97	150	190	ug/Kg
86-73-7	Fluorene	96.9	U	96.9	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	92.5	U	92.5	150	190	ug/Kg
103-33-3	Azobenzene	90.2	U	90.2	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	89.4	U	89.4	150	190	ug/Kg
118-74-1	Hexachlorobenzene	96.3	U	96.3	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/27/2024 12:00:00 AM
Project:		Date Received:	3/27/2024 12:00:00 AM
Client Sample ID:	SS-1	SDG No.:	BG040224
Lab Sample ID:	P1900-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BG060754.D	1	3/28/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	87.6	U	87.6	310	370	ug/Kg
85-01-8	Phenanthrene	95.2	U	95.2	150	190	ug/Kg
120-12-7	Anthracene	95.7	U	95.7	150	190	ug/Kg
86-74-8	Carbazole	91	U	91	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	95.5	U	95.5	150	190	ug/Kg
206-44-0	Fluoranthene	92.6	U	92.6	150	190	ug/Kg
92-87-5	Benzidine	180	U	180	310	370	ug/Kg
129-00-0	Pyrene	94.1	U	94.1	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	370	ug/Kg
56-55-3	Benzo(a)anthracene	91.5	U	91.5	150	190	ug/Kg
218-01-9	Chrysene	90.1	U	90.1	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	310	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	91.9	U	91.9	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	93.6	U	93.6	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	88.5	U	88.5	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	92	U	92	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	90.8	U	90.8	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	98.4	U	98.4	150	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	84.7	U	84.7	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	94.3	U	94.3	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.259		18-112		59	SPK: -150
13127-88-3	Phenol-d6	81.62		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	66.121		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	57.981		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	3/27/2024 12:00:00 AM
Project:		Date Received:	3/27/2024 12:00:00 AM
Client Sample ID:	SS-1	SDG No.:	BG040224
Lab Sample ID:	P1900-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
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
BG060754.D	1	3/28/2024 12:00:00 AM	4/3/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	98.871		10-110		66	SPK: -150
1718-51-0	Terphenyl-d14	55.748		14-112		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79911	7.953				
1146-65-2	Naphthalene-d8	322186	10.756				
15067-26-2	Acenaphthene-d10	231678	14.581				
1517-22-2	Phenanthrene-d10	504358	17.33				
1719-03-5	Chrysene-d12	451581	21.596				
1520-96-3	Perylene-d12	518714	24.745				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	840	J			3.176	
000057-10-3	n-Hexadecanoic acid	260	J			18.241	
000057-11-4	Octadecanoic acid	90.3	J			19.516	
1000131-11-8	Z-5-Nonadecene	220	J			21.279	
000137-89-3	1,3-Benzenedicarboxylic acid, bis(	190	J			22.806	

Hit Summary Sheet SW-846

SDG No.: BG040224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : EB-03252024								
P1867-05	EB-03252024	Water	1-Nonadecene	*	6.900	J		
P1867-05	EB-03252024	Water	13-Methyltetradecanal	*	3.000	J		
P1867-05	EB-03252024	Water	Butane, 2-methoxy-2-methyl-	*	85.100	J		
P1867-05	EB-03252024	Water	Butyl citrate	*	2.600	J		
P1867-05	EB-03252024	Water	Hexanoic acid, 2-ethyl-	*	17.000	J		
P1867-05	EB-03252024	Water	n-Hexadecanoic acid	*	9.600	J		
P1867-05	EB-03252024	Water	Nonadecanoic acid	*	2.300	J		
Total Tics :					126.50			
Total Concentration:					126.50			
Client ID : EB-01(0-2)								
P1879-01	EB-01(0-2)	Solid	Butane, 2-methoxy-2-methyl-	*	830.000	J		
P1879-01	EB-01(0-2)	Solid	Cycloeicosane	*	240.000	J		
P1879-01	EB-01(0-2)	Solid	Heptacosane	*	580.000	J		
P1879-01	EB-01(0-2)	Solid	n-Hexadecanoic acid	*	440.000	J		
P1879-01	EB-01(0-2)	Solid	Octadecanoic acid	*	120.000	J		
P1879-01	EB-01(0-2)	Solid	Oxalic acid, pentadecyl propyl est	*	170.000	J		
P1879-01	EB-01(0-2)	Solid	unknown3.687	*	140.000	J		
Total Tics :					2,520.00			
P1879-01	EB-01(0-2)	Solid	Benzo(a)anthracene		120.000	J	88.5	190 ug/Kg
P1879-01	EB-01(0-2)	Solid	Benzo(a)pyrene		130.000	J	100	190 ug/Kg
P1879-01	EB-01(0-2)	Solid	Benzo(b)fluoranthene		160.000	J	89	190 ug/Kg
P1879-01	EB-01(0-2)	Solid	Benzo(g,h,i)perylene		110.000	J	87.9	190 ug/Kg
P1879-01	EB-01(0-2)	Solid	Bis(2-ethylhexyl)phthalate		480.000		99.8	190 ug/Kg
P1879-01	EB-01(0-2)	Solid	Butylbenzylphthalate		360.000		110	190 ug/Kg
P1879-01	EB-01(0-2)	Solid	Chrysene		130.000	J	87.2	190 ug/Kg
P1879-01	EB-01(0-2)	Solid	Fluoranthene		200.000		89.6	190 ug/Kg
P1879-01	EB-01(0-2)	Solid	Phenanthrene		130.000	J	92.1	190 ug/Kg
P1879-01	EB-01(0-2)	Solid	Pyrene		230.000		91	190 ug/Kg
Total Svoc :					2,050.00			
Total Concentration:					4,570.00			
Client ID : EB-03(2-4)								
P1879-06	EB-03(2-4)	Solid	4H-Cyclopenta[def]phenanthrene	*	360.000	J		
P1879-06	EB-03(2-4)	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	110.000	J		
P1879-06	EB-03(2-4)	Solid	9,10-Dimethylanthracene	*	210.000	J		
P1879-06	EB-03(2-4)	Solid	Anthracene, 1-methyl-	*	170.000	J		
P1879-06	EB-03(2-4)	Solid	Benz[a]anthracene, 7-methyl-	*	190.000	J		

Hit Summary Sheet SW-846

SDG No.: BG040224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1879-06	EB-03(2-4)	Solid	Benzo[e]pyrene	*	600.000	J		
P1879-06	EB-03(2-4)	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P1879-06	EB-03(2-4)	Solid	Cyclohexadecane	*	150.000	J		
P1879-06	EB-03(2-4)	Solid	Cyclopenta(def)phenanthrenone	*	170.000	J		
P1879-06	EB-03(2-4)	Solid	di-p-Tolylacetylene	*	100.000	J		
P1879-06	EB-03(2-4)	Solid	Dibenzo[c,h][2,6]naphthyridine	*	98.300	J		
P1879-06	EB-03(2-4)	Solid	Pentafluoropropionic acid, tridecy	*	920.000	J		
P1879-06	EB-03(2-4)	Solid	Phenanthrene, 1-methyl-	*	270.000	J		
P1879-06	EB-03(2-4)	Solid	Phenanthrene, 2-methyl-	*	650.000	J		
P1879-06	EB-03(2-4)	Solid	Phenanthrene, 3,6-dimethyl-	*	130.000	J		
P1879-06	EB-03(2-4)	Solid	Pyrene, 1-methyl-	*	130.000	J		
P1879-06	EB-03(2-4)	Solid	Pyrene, 2-methyl-	*	120.000	J		
P1879-06	EB-03(2-4)	Solid	Pyrene, 4-methyl-	*	94.700	J		
P1879-06	EB-03(2-4)	Solid	unknown3.687	*	140.000	J		
Total Tics :					5,913.00			
P1879-06	EB-03(2-4)	Solid	2-Methylnaphthalene		94.900	J	89.1	180 ug/Kg
P1879-06	EB-03(2-4)	Solid	Benzo(a)anthracene		530.000		87.1	180 ug/Kg
P1879-06	EB-03(2-4)	Solid	Benzo(a)pyrene		660.000		100	180 ug/Kg
P1879-06	EB-03(2-4)	Solid	Benzo(b)fluoranthene		660.000		87.6	180 ug/Kg
P1879-06	EB-03(2-4)	Solid	Benzo(g,h,i)perylene		860.000		86.5	180 ug/Kg
P1879-06	EB-03(2-4)	Solid	Benzo(k)fluoranthene		220.000		89.2	180 ug/Kg
P1879-06	EB-03(2-4)	Solid	Chrysene		580.000		85.8	180 ug/Kg
P1879-06	EB-03(2-4)	Solid	Dibenzo(a,h)anthracene		120.000	J	87.7	180 ug/Kg
P1879-06	EB-03(2-4)	Solid	Fluoranthene		670.000		88.2	180 ug/Kg
P1879-06	EB-03(2-4)	Solid	Indeno(1,2,3-cd)pyrene		500.000		84.3	180 ug/Kg
P1879-06	EB-03(2-4)	Solid	Naphthalene		110.000	J	89.2	180 ug/Kg
P1879-06	EB-03(2-4)	Solid	Phenanthrene		680.000		90.7	180 ug/Kg
P1879-06	EB-03(2-4)	Solid	Pyrene		970.000		89.6	180 ug/Kg
Total Svoc :					6,654.90			
Total Concentration:					12,567.90			
Client ID : EB-04(0-2)								
P1879-07	EB-04(0-2)	Solid	11H-Benzo[b]fluorene	*	94.100	J		
P1879-07	EB-04(0-2)	Solid	2-Methyldibenzothiophene	*	97.000	J		
P1879-07	EB-04(0-2)	Solid	9,10-Anthracenedione	*	100.000	J		
P1879-07	EB-04(0-2)	Solid	9-Tricosene, (Z)-	*	160.000	J		
P1879-07	EB-04(0-2)	Solid	Anthracene, 1-methyl-	*	380.000	J		
P1879-07	EB-04(0-2)	Solid	Anthracene, 2-methyl-	*	200.000	J		
P1879-07	EB-04(0-2)	Solid	Benzo[e]pyrene	*	260.000	J		
P1879-07	EB-04(0-2)	Solid	Butane, 2-methoxy-2-methyl-	*	680.000	J		
P1879-07	EB-04(0-2)	Solid	Dichloroacetic acid, 4-hexadecyl c	*	640.000	J		

Hit Summary Sheet SW-846

SDG No.: BG040224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1879-07	EB-04(0-2)	Solid	Naphthalene, 1,6-dimethyl-	*	90.600	J		
P1879-07	EB-04(0-2)	Solid	Naphthalene, 2,3-dimethyl-	*	130.000	J		
P1879-07	EB-04(0-2)	Solid	Naphthalene, 2-phenyl-	*	120.000	J		
P1879-07	EB-04(0-2)	Solid	Phenanthrene, 1-methyl-	*	350.000	J		
P1879-07	EB-04(0-2)	Solid	Phenanthrene, 2,3-dimethyl-	*	140.000	J		
P1879-07	EB-04(0-2)	Solid	Phenanthrene, 2-methyl-	*	670.000	J		
P1879-07	EB-04(0-2)	Solid	Phenanthrene, 3,6-dimethyl-	*	140.000	J		
P1879-07	EB-04(0-2)	Solid	Propylene Glycol	*	160.000	J		
P1879-07	EB-04(0-2)	Solid	Pyrene, 1-methyl-	*	130.000	J		
P1879-07	EB-04(0-2)	Solid	Pyrene, 4-methyl-	*	100.000	J		
Total Tics :					4,641.70			
P1879-07	EB-04(0-2)	Solid	1-Methylnaphthalene		170.000	J	89	ug/Kg
P1879-07	EB-04(0-2)	Solid	2-Methylnaphthalene		150.000	J	88.2	ug/Kg
P1879-07	EB-04(0-2)	Solid	Benzo(a)anthracene		350.000		86.3	ug/Kg
P1879-07	EB-04(0-2)	Solid	Benzo(a)pyrene		310.000		99.5	ug/Kg
P1879-07	EB-04(0-2)	Solid	Benzo(b)fluoranthene		330.000		86.8	ug/Kg
P1879-07	EB-04(0-2)	Solid	Benzo(g,h,i)perylene		260.000		85.7	ug/Kg
P1879-07	EB-04(0-2)	Solid	Benzo(k)fluoranthene		120.000	J	88.4	ug/Kg
P1879-07	EB-04(0-2)	Solid	Chrysene		380.000		85	ug/Kg
P1879-07	EB-04(0-2)	Solid	Fluoranthene		530.000		87.4	ug/Kg
P1879-07	EB-04(0-2)	Solid	Fluorene		140.000	J	91.5	ug/Kg
P1879-07	EB-04(0-2)	Solid	Indeno(1,2,3-cd)pyrene		170.000	J	83.5	ug/Kg
P1879-07	EB-04(0-2)	Solid	Naphthalene		110.000	J	88.4	ug/Kg
P1879-07	EB-04(0-2)	Solid	Phenanthrene		980.000		89.9	ug/Kg
P1879-07	EB-04(0-2)	Solid	Pyrene		810.000		88.8	ug/Kg
Total Svoc :					4,810.00			
Total Concentration:					9,451.70			
Client ID : EB-04(2-4)								
P1879-08	EB-04(2-4)	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	73.500	J		
P1879-08	EB-04(2-4)	Solid	Benzene, 1-propenyl-	*	85.500	J		
P1879-08	EB-04(2-4)	Solid	Benzo[e]pyrene	*	230.000	J		
P1879-08	EB-04(2-4)	Solid	Butane, 2-methoxy-2-methyl-	*	970.000	J		
P1879-08	EB-04(2-4)	Solid	Cycloeicosane	*	170.000	J		
P1879-08	EB-04(2-4)	Solid	n-Hexadecanoic acid	*	430.000	J		
P1879-08	EB-04(2-4)	Solid	Naphthalene, 1,2-dihydro-1-phenyl	*	92.700	J		
P1879-08	EB-04(2-4)	Solid	Phenanthrene, 1-methyl-	*	130.000	J		
P1879-08	EB-04(2-4)	Solid	Phenanthrene, 2,5-dimethyl-	*	190.000	J		
P1879-08	EB-04(2-4)	Solid	Phenanthrene, 2-methyl-	*	100.000	J		
P1879-08	EB-04(2-4)	Solid	Propylene Glycol	*	96.700	J		
P1879-08	EB-04(2-4)	Solid	Pyrene, 1-methyl-	*	77.200	J		

Hit Summary Sheet SW-846

SDG No.: BG040224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1879-08	EB-04(2-4)	Solid	Pyrene, 4-methyl-	*	82.600	J		
P1879-08	EB-04(2-4)	Solid	Triphenylene, 2-methyl-	*	90.200	J		
Total Tics :					2,818.40			
P1879-08	EB-04(2-4)	Solid	Benzo(a)anthracene		220.000	87.7	180	ug/Kg
P1879-08	EB-04(2-4)	Solid	Benzo(a)pyrene		270.000	100	180	ug/Kg
P1879-08	EB-04(2-4)	Solid	Benzo(b)fluoranthene		260.000	88.1	180	ug/Kg
P1879-08	EB-04(2-4)	Solid	Benzo(g,h,i)perylene		260.000	87	180	ug/Kg
P1879-08	EB-04(2-4)	Solid	Chrysene		240.000	86.4	180	ug/Kg
P1879-08	EB-04(2-4)	Solid	Fluoranthene		250.000	88.8	180	ug/Kg
P1879-08	EB-04(2-4)	Solid	Indeno(1,2,3-cd)pyrene		160.000	J 84.9	180	ug/Kg
P1879-08	EB-04(2-4)	Solid	Phenanthrene		230.000	91.3	180	ug/Kg
P1879-08	EB-04(2-4)	Solid	Pyrene		350.000	90.2	180	ug/Kg
Total Svoc :					2,240.00			
Total Concentration:					5,058.40			
Client ID : HS-03(0-6)								
P1879-11	HS-03(0-6)	Solid	1-Docosene	*	240.000	J		
P1879-11	HS-03(0-6)	Solid	11H-Benzo[a]fluorene	*	130.000	J		
P1879-11	HS-03(0-6)	Solid	4H-Cyclopenta[def]phenanthrene	*	480.000	J		
P1879-11	HS-03(0-6)	Solid	5-Octadecene, (E)-	*	520.000	J		
P1879-11	HS-03(0-6)	Solid	9,10-Dimethylanthracene	*	180.000	J		
P1879-11	HS-03(0-6)	Solid	Anthracene, 9-methyl-	*	220.000	J		
P1879-11	HS-03(0-6)	Solid	Benzo[e]pyrene	*	390.000	J		
P1879-11	HS-03(0-6)	Solid	Butane, 2-methoxy-2-methyl-	*	910.000	J		
P1879-11	HS-03(0-6)	Solid	Cycloeicosane	*	300.000	J		
P1879-11	HS-03(0-6)	Solid	Naphthalene, 1,6-dimethyl-	*	120.000	J		
P1879-11	HS-03(0-6)	Solid	Naphthalene, 2,3-dimethyl-	*	180.000	J		
P1879-11	HS-03(0-6)	Solid	Naphthalene, 2-phenyl-	*	140.000	J		
P1879-11	HS-03(0-6)	Solid	Phenanthrene, 1,7-dimethyl-	*	190.000	J		
P1879-11	HS-03(0-6)	Solid	Phenanthrene, 1-methyl-	*	460.000	J		
P1879-11	HS-03(0-6)	Solid	Phenanthrene, 2,5-dimethyl-	*	300.000	J		
P1879-11	HS-03(0-6)	Solid	Phenanthrene, 2-methyl-	*	840.000	J		
P1879-11	HS-03(0-6)	Solid	Phenanthrene, 3,6-dimethyl-	*	130.000	J		
P1879-11	HS-03(0-6)	Solid	Pyrene, 1-methyl-	*	130.000	J		
P1879-11	HS-03(0-6)	Solid	Pyrene, 2-methyl-	*	120.000	J		
P1879-11	HS-03(0-6)	Solid	Sulfurous acid, butyl decyl ester	*	120.000	J		
Total Tics :					6,100.00			
P1879-11	HS-03(0-6)	Solid	1-Methylnaphthalene		230.000	94.9	190	ug/Kg
P1879-11	HS-03(0-6)	Solid	2-Methylnaphthalene		220.000	94.1	190	ug/Kg
P1879-11	HS-03(0-6)	Solid	Benzo(a)anthracene		460.000	92.1	190	ug/Kg
P1879-11	HS-03(0-6)	Solid	Benzo(a)pyrene		440.000	110	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG040224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1879-11	HS-03(0-6)	Solid	Benzo(b)fluoranthene	470.000		92.5	190	ug/Kg
P1879-11	HS-03(0-6)	Solid	Benzo(g,h,i)perylene	420.000		91.4	190	ug/Kg
P1879-11	HS-03(0-6)	Solid	Benzo(k)fluoranthene	150.000	J	94.2	190	ug/Kg
P1879-11	HS-03(0-6)	Solid	Bis(2-ethylhexyl)phthalate	110.000	J	100	190	ug/Kg
P1879-11	HS-03(0-6)	Solid	Chrysene	490.000		90.7	190	ug/Kg
P1879-11	HS-03(0-6)	Solid	Fluoranthene	700.000		93.2	190	ug/Kg
P1879-11	HS-03(0-6)	Solid	Fluorene	180.000	J	97.5	190	ug/Kg
P1879-11	HS-03(0-6)	Solid	Indeno(1,2,3-cd)pyrene	260.000		89.1	190	ug/Kg
P1879-11	HS-03(0-6)	Solid	Naphthalene	210.000		94.2	190	ug/Kg
P1879-11	HS-03(0-6)	Solid	Phenanthrene	1,200.000		95.8	190	ug/Kg
P1879-11	HS-03(0-6)	Solid	Pyrene	1,000.000		94.7	190	ug/Kg

Total Svoc :

6,540.00

Total Concentration:

12,640.00

Client ID : HS-02(0-6)

P1879-14	HS-02(0-6)	Solid	4H-Cyclopenta[def]phenanthrene *	170.000	J			
P1879-14	HS-02(0-6)	Solid	9,10-Dimethylanthracene *	110.000	J			
P1879-14	HS-02(0-6)	Solid	9-Hexacosene *	81.300	J			
P1879-14	HS-02(0-6)	Solid	Anthracene, 1-methyl- *	130.000	J			
P1879-14	HS-02(0-6)	Solid	Butane, 2-methoxy-2-methyl- *	560.000	J			
P1879-14	HS-02(0-6)	Solid	n-Hexadecanoic acid *	340.000	J			
P1879-14	HS-02(0-6)	Solid	Phenanthrene, 2-methyl- *	84.900	J			
P1879-14	HS-02(0-6)	Solid	Phenanthrene, 3,6-dimethyl- *	78.400	J			
P1879-14	HS-02(0-6)	Solid	Propylene Glycol *	160.000	J			
P1879-14	HS-02(0-6)	Solid	Pyrene, 1-methyl- *	75.600	J			

Total Tics :

1,790.20

P1879-14	HS-02(0-6)	Solid	Benzo(a)anthracene	230.000		86.7	180	ug/Kg
P1879-14	HS-02(0-6)	Solid	Benzo(a)pyrene	220.000		99.9	180	ug/Kg
P1879-14	HS-02(0-6)	Solid	Benzo(b)fluoranthene	250.000		87.1	180	ug/Kg
P1879-14	HS-02(0-6)	Solid	Benzo(g,h,i)perylene	130.000	J	86.1	180	ug/Kg
P1879-14	HS-02(0-6)	Solid	Chrysene	240.000		85.4	180	ug/Kg
P1879-14	HS-02(0-6)	Solid	Fluoranthene	300.000		87.8	180	ug/Kg
P1879-14	HS-02(0-6)	Solid	Indeno(1,2,3-cd)pyrene	96.700	J	83.9	180	ug/Kg
P1879-14	HS-02(0-6)	Solid	Phenanthrene	340.000		90.3	180	ug/Kg
P1879-14	HS-02(0-6)	Solid	Pyrene	470.000		89.2	180	ug/Kg

Total Svoc :

2,276.70

Total Concentration:

4,066.90

Client ID : SS-1

P1900-01	SS-1	Solid	1,3-Benzenedicarboxylic acid, bis *	190.000	J			
P1900-01	SS-1	Solid	Butane, 2-methoxy-2-methyl- *	840.000	J			

Hit Summary Sheet SW-846

SDG No.: BG040224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1900-01	SS-1	Solid	n-Hexadecanoic acid	*	260.000	J		
P1900-01	SS-1	Solid	Octadecanoic acid	*	90.300	J		
P1900-01	SS-1	Solid	Z-5-Nonadecene	*	220.000	J		
Total Tics :					1,600.30			
Total Concentration:					1,600.30			
Client ID : 72-11991								
P1927-02	72-11991	water	Benzidine		160.000	40.7	100	ug/L
Total Svoc :					160.00			
Total Concentration:					160.00			

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG032924 SAS No.: BG032924 SDG No.: BG032924
Instrument ID: _____ Calibration Date(s): 3/29/2024 : _____
Calibration Time(s): 10:48 : _____

LAB FILE ID:		RRF2.5 = BG060699.D			RRF5.0 = BG060700.D		RRF010 = BG060701.D	
		RRF020 = BG060702.D			RRF040 = BG060703.D		RRF050 = BG060704.D	
COMPOUND	RRF2.5	RRF5.0	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.894	0.864	0.865	0.929	0.915	0.887	5.2
Pyridine		1.490	1.522	1.496	1.602	1.565	1.485	8.1
2-Fluorophenol		1.171	1.161	1.269	1.204	1.164	1.201	3.5
Benzaldehyde			1.121	1.113	0.947	0.875	0.983	12.9
Aniline		2.123	2.225	2.424	2.291	2.196	2.250	4.2
Phenol-d6		1.718	1.774	1.859	1.813	1.738	1.782	2.8
Phenol		1.712	1.798	1.902	1.875	1.764	1.819	3.8
bis(2-Chloroethyl)ether		1.477	1.480	1.546	1.467	1.414	1.468	2.8
2-Chlorophenol		1.265	1.350	1.428	1.376	1.348	1.361	4.0
1,2-Dichlorobenzene		1.455	1.406	1.516	1.396	1.323	1.415	4.2
1,3-Dichlorobenzene		1.527	1.396	1.447	1.391	1.357	1.415	4.0
1,4-Dichlorobenzene		1.474	1.476	1.484	1.421	1.390	1.444	2.7
Benzyl Alcohol		1.345	1.411	1.500	1.481	1.421	1.444	3.8
2-Methylphenol		1.285	1.361	1.457	1.386	1.325	1.373	4.2
2,2-oxybis(1-Chloropropane)		3.269	3.356	3.489	3.291	3.139	3.314	3.2
Acetophenone		0.539	0.534	0.597	0.540	0.545	0.551	4.4
3+4-Methylphenols		1.683	1.831	2.015	1.911	1.849	1.880	5.8
n-Nitroso-di-n-propylamine	1.345	1.260	1.367	1.452	1.377	1.318	1.359	4.2
Nitrobenzene-d5			0.270	0.331	0.341	0.371	0.350	13.6
Hexachloroethane		0.495	0.533	0.533	0.493	0.493	0.513	3.8
Nitrobenzene		0.253	0.304	0.348	0.363	0.386	0.352	16.1
Isophorone		0.765	0.787	0.853	0.804	0.813	0.807	3.8
2-Nitrophenol		0.079	0.083	0.111	0.124	0.137	0.120	25.1
2,4-Dimethylphenol		0.310	0.321	0.347	0.318	0.323	0.324	4.1
bis(2-Chloroethoxy)methane		0.469	0.467	0.496	0.469	0.482	0.477	2.5
2,4-Dichlorophenol		0.253	0.277	0.311	0.306	0.313	0.298	8.0
1,2,4-Trichlorobenzene		0.325	0.326	0.351	0.331	0.339	0.337	3.6
Benzoic acid			0.115	0.163	0.199	0.212	0.191	23.5
Naphthalene		1.074	1.091	1.136	1.077	1.065	1.082	2.9
4-Chloroaniline		0.487	0.493	0.528	0.508	0.502	0.503	2.9
Hexachlorobutadiene		0.213	0.223	0.234	0.218	0.226	0.225	3.6
Caprolactam		0.112	0.119	0.127	0.121	0.115	0.118	4.6
4-Chloro-3-methylphenol		0.370	0.365	0.394	0.392	0.377	0.380	3.1
2-Methylnaphthalene		0.808	0.811	0.828	0.783	0.772	0.795	3.5

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.: BG032924 SAS No.: BG032924 SDG No.: BG032924
Instrument ID: _____ Calibration Date(s): 3/29/2024 : _____
Calibration Time(s): 10:48 : _____

LAB FILE ID:		RRF2.5 = BG060699.D			RRF5.0 = BG060700.D		RRF010 = BG060701.D	
		RRF020 = BG060702.D			RRF040 = BG060703.D		RRF050 = BG060704.D	
COMPOUND	RRF2.5	RRF5.0	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Hexachlorocyclopentadiene		0.256	0.247	0.295	0.286	0.314	0.292	10.9
2,4,6-Trichlorophenol		0.302	0.338	0.381	0.372	0.398	0.370	10.1
2-Fluorobiphenyl		1.383	1.377	1.463	1.316	1.359	1.363	4.1
2,4,5-Trichlorophenol		0.380	0.407	0.461	0.445	0.465	0.442	7.9
1,1-Biphenyl		1.417	1.415	1.496	1.364	1.405	1.413	3.0
2-Chloronaphthalene		1.036	1.062	1.133	1.045	1.083	1.073	3.0
2-Nitroaniline		0.201	0.231	0.289	0.323	0.356	0.307	22.9
Dimethylphthalate		1.570	1.576	1.696	1.565	1.570	1.581	3.6
Acenaphthylene		1.760	1.812	1.900	1.759	1.818	1.803	2.9
2,6-Dinitrotoluene		0.154	0.188	0.251	0.264	0.284	0.247	22.3
3-Nitroaniline		0.185	0.226	0.283	0.300	0.309	0.277	18.7
Acenaphthene		1.093	1.150	1.191	1.108	1.137	1.132	3.1
2,4-Dinitrophenol			0.092	0.099	0.108	0.118	0.110	14.8
4-Nitrophenol			0.180	0.218	0.236	0.244	0.231	12.4
Dibenzofuran		1.813	1.854	1.867	1.732	1.780	1.786	3.6
2,4-Dinitrotoluene		0.192	0.242	0.314	0.346	0.374	0.320	24.0
Diethylphthalate		1.622	1.665	1.690	1.557	1.558	1.590	4.5
4-Chlorophenyl-phenylether		0.794	0.789	0.798	0.738	0.742	0.758	4.7
Fluorene		1.482	1.514	1.521	1.412	1.398	1.433	5.3
4-Nitroaniline		0.214	0.255	0.299	0.303	0.312	0.289	13.8
4,6-Dinitro-2-methylphenol			0.048	0.063	0.072	0.081	0.073	21.8
n-Nitrosodiphenylamine		0.539	0.564	0.586	0.568	0.587	0.572	3.1
Azobenzene		1.516	1.599	1.667	1.536	1.532	1.550	4.1
2,4,6-Tribromophenol		0.187	0.214	0.243	0.226	0.236	0.227	9.2
4-Bromophenyl-phenylether		0.187	0.189	0.215	0.202	0.205	0.203	5.7
Hexachlorobenzene		0.222	0.219	0.239	0.225	0.233	0.229	3.4
Atrazine		0.195	0.209	0.213	0.200	0.197	0.200	4.4
Pentachlorophenol		0.108	0.133	0.155	0.152	0.164	0.150	14.9
Phenanthrene		1.052	1.057	1.109	1.010	1.030	1.040	3.9
Anthracene		1.060	1.060	1.128	1.030	1.050	1.056	3.7
Carbazole		0.957	0.949	0.999	0.906	0.919	0.931	4.5
Di-n-butylphthalate		1.134	1.187	1.258	1.153	1.154	1.161	4.5
Fluoranthene		1.343	1.329	1.337	1.216	1.228	1.262	5.8
Benzidine		0.498	0.492	0.525	0.596	0.534	0.527	6.5

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.: BG032924 SAS No.: BG032924 SDG No.: BG032924
Instrument ID: _____ Calibration Date(s): 3/29/2024 : _____
Calibration Time(s): 10:48 : _____

LAB FILE ID:		RRF2.5 = BG060699.D			RRF5.0 = BG060700.D		RRF010 = BG060701.D	
		RRF020 = BG060702.D			RRF040 = BG060703.D		RRF050 = BG060704.D	
COMPOUND	RRF2.5	RRF5.0	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Pyrene		1.411	1.408	1.525	1.368	1.366	1.399	4.5
Terphenyl-d14		1.221	1.230	1.271	1.104	1.073	1.136	9.3
Butylbenzylphthalate		0.422	0.460	0.539	0.520	0.542	0.510	9.8
3,3-Dichlorobenzidine		0.430	0.445	0.510	0.493	0.488	0.476	5.9
Benzo (a) anthracene		1.385	1.406	1.500	1.401	1.400	1.410	3.1
Chrysene		1.350	1.348	1.440	1.345	1.349	1.359	2.8
Bis (2-ethylhexyl) phthalate		0.705	0.769	0.866	0.836	0.847	0.813	7.0
Di-n-octyl phthalate		1.077	1.191	1.382	1.389	1.413	1.325	10.2
Benzo (b) fluoranthene		1.132	1.130	1.198	1.141	1.143	1.149	2.2
Benzo (k) fluoranthene		1.155	1.142	1.236	1.181	1.172	1.176	3.1
Benzo (a) pyrene		1.073	1.092	1.156	1.122	1.119	1.117	2.8
Indeno (1,2,3-cd) pyrene		1.303	1.361	1.463	1.393	1.461	1.408	4.3
Dibenzo (a,h) anthracene		1.092	1.144	1.234	1.173	1.235	1.187	4.7
Benzo (g,h,i) perylene		1.091	1.120	1.190	1.139	1.189	1.155	3.5
1,2,4,5-Tetrachlorobenzene		0.553	0.550	0.595	0.555	0.589	0.575	3.8
1,4-Dioxane		0.553	0.531	0.496	0.476	0.492	0.492	8.9
2,3,4,6-Tetrachlorophenol		0.325	0.373	0.396	0.400	0.404	0.385	7.4
1-Methylnaphthalene		0.770	0.762	0.806	0.727	0.732	0.751	4.1

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: CHEMTECH

Lab Code: CHEM Case No.: BG040224 SAS No.: BG040224 SDG NO.: BG040224

EPA Sample No.: SSTDICCC040

Date Analyzed: Apr 2 2024 12:00AM

Lab File ID: BG060703.D

Time Analyzed: 11:20

Instrument ID: BNA_G

GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	51170	7.961	236385	10.76	178236	14.59
	UPPER LIMIT	102340	8.461	472770	11.258	356472	15.089
	LOWER LIMIT	25585	7.461	118192.5	10.258	89118	14.089
	EPA SAMPLE NO.						
01	PB159936BL	52986	7.97	205467	10.76	156259	14.59
02	PB159936BS	71396	7.96	302238	10.76	220417	14.59
03	PB159911BL	82692	7.97	318428	10.76	231736	14.59
04	PB159911BS	85147	7.96	363077	10.76	262656	14.59
05	PB159890TB	46935	7.96	195059	10.76	157117	14.59
06	EB-03 (2-4)	65119	7.95	259154	10.75	185587	14.58
07	EB-03252024	75815	7.95	293298	10.75	211835	14.58
08	72-11991	69236	7.95	273729	10.75	191620	14.58
09	72-11991MS	66624	7.95	261388	10.75	194334	14.58
10	72-11991MS	68291	7.96	266041	10.75	202104	14.59
11	72-11991MSD	64322	7.96	260224	10.75	204595	14.58
12	72-11998	59849	7.95	230550	10.75	168057	14.58
13	EB-04 (2-4)	70237	7.95	280376	10.75	204585	14.58
14	EB-04 (0-2)	68299	7.95	275422	10.75	208806	14.58
15	HS-03 (0-6)	76734	7.95	300175	10.75	211610	14.58
16	EB-01 (0-2)	75450	7.95	296391	10.75	211500	14.58
17	HS-02 (0-6)	89148	7.96	351314	10.75	247862	14.58
18	SS-1	79911	7.95	322186	10.76	231678	14.58



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040224 SAS No.: BG040224 SDG NO.: BG040224

EPA Sample No.: SSTDICCC040 Date Analyzed: Apr 3 2024 12:00AM

Lab File ID: BG060703.D Time Analyzed: 02:12

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	51170	7.961	236385	10.76	178236	14.59
UPPER LIMIT	102340	8.461	472770	11.258	356472	15.089
LOWER LIMIT	25585	7.461	118192.5	10.258	89118	14.089
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.



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040224 SAS No.: BG040224 SDG NO.: BG040224

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 2 2024 12:00AM

Lab File ID: BG060734.D Time Analyzed: 11:20

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	57106	7.966	237536	10.76	192241	14.59
UPPER LIMIT	114212	8.466	475072	11.263	384482	15.094
LOWER LIMIT	28553	7.466	118768	10.263	96120.5	14.094
EPA SAMPLE NO.						
01 PB159936BL	52986	7.97	205467	10.76	156259	14.59
02 PB159936BS	71396	7.96	302238	10.76	220417	14.59
03 PB159911BL	82692	7.97	318428	10.76	231736	14.59
04 PB159911BS	85147	7.96	363077	10.76	262656	14.59

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: CHEMTECH

Lab Code: CHEM Case No.: BG040224 SAS No.: BG040224 SDG NO.: BG040224

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 2 2024 12:00AM

Lab File ID: BG060740.D Time Analyzed: 17:18

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	65785	7.964	290028	10.76	223980	14.59
UPPER LIMIT	131570	8.464	580056	11.261	447960	15.091
LOWER LIMIT	32892.5	7.464	145014	10.261	111990	14.091
EPA SAMPLE NO.						
01 PB159890TB	46935	7.96	195059	10.76	157117	14.59
02 EB-03 (2-4)	65119	7.95	259154	10.75	185587	14.58
03 EB-03252024	75815	7.95	293298	10.75	211835	14.58
04 72-11991	69236	7.95	273729	10.75	191620	14.58
05 72-11991MS	66624	7.95	261388	10.75	194334	14.58
06 72-11991MS	68291	7.96	266041	10.75	202104	14.59
07 72-11991MSD	64322	7.96	260224	10.75	204595	14.58
08 72-11998	59849	7.95	230550	10.75	168057	14.58
09 EB-04 (2-4)	70237	7.95	280376	10.75	204585	14.58
10 EB-04 (0-2)	68299	7.95	275422	10.75	208806	14.58
11 HS-03 (0-6)	76734	7.95	300175	10.75	211610	14.58
12 EB-01 (0-2)	75450	7.95	296391	10.75	211500	14.58
13 HS-02 (0-6)	89148	7.96	351314	10.75	247862	14.58
14 SS-1	79911	7.95	322186	10.76	231678	14.58

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040224 SAS No.: BG040224 SDG NO.: BG040224

EPA Sample No.: SSTDICCC040 Date Analyzed: Apr 2 2024 12:00AM

Lab File ID: BG060703.D Time Analyzed: 11:20

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	416987	17.339	381473	21.604	450367	24.748
	UPPER LIMIT	833974	17.839	762946	22.104	900734	25.248
	LOWER LIMIT	208493.5	16.839	190736.5	21.104	225183.5	24.248
	EPA SAMPLE NO.						
01	PB159936BL	436834	17.34	457363	21.60	526110	24.75
02	PB159936BS	531443	17.34	465518	21.60	518840	24.75
03	PB159911BL	608426	17.34	612770	21.60	687131	24.74
04	PB159911BS	622054	17.34	546085	21.60	580841	24.75
05	PB159890TB	437229	17.34	480967	21.60	540095	24.74
06	EB-03(2-4)	456741	17.33	445612	21.60	535206	24.73
07	EB-03252024	512811	17.33	495162	21.59	590836	24.74
08	72-11991	470738	17.33	488801	21.59	573791	24.73
09	72-11991MS	474676	17.33	457540	21.59	535686	24.73
10	72-11991MS	522201	17.33	500564	21.60	555427	24.74
11	72-11991MSD	527306	17.33	503860	21.59	534868	24.73
12	72-11998	431789	17.33	448798	21.59	526887	24.73
13	EB-04(2-4)	472931	17.33	454817	21.59	532998	24.73
14	EB-04(0-2)	479984	17.33	446130	21.59	526678	24.73
15	HS-03(0-6)	473953	17.33	444790	21.60	520616	24.73
16	EB-01(0-2)	482902	17.33	456623	21.60	542031	24.73
17	HS-02(0-6)	521919	17.33	477416	21.60	564178	24.74
18	SS-1	504358	17.33	451581	21.60	518714	24.75

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040224 SAS No.: BG040224 SDG NO.: BG040224

EPA Sample No.: SSTDICCC040 Date Analyzed: Apr 3 2024 12:00AM

Lab File ID: BG060703.D Time Analyzed: 02:12

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	416987	17.339	381473	21.604	450367	24.748
UPPER LIMIT	833974	17.839	762946	22.104	900734	25.248
LOWER LIMIT	208493.5	16.839	190736.5	21.104	225183.5	24.248
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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040224 SAS No.: BG040224 SDG NO.: BG040224

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 2 2024 12:00AM

Lab File ID: BG060734.D Time Analyzed: 11:20

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	470597	17.337	421381	21.603	494493	24.746
UPPER LIMIT	941194	17.837	842762	22.103	988986	25.246
LOWER LIMIT	235298.5	16.837	210690.5	21.103	247246.5	24.246
EPA SAMPLE NO.						
01 PB159936BL	436834	17.34	457363	21.60	526110	24.75
02 PB159936BS	531443	17.34	465518	21.60	518840	24.75
03 PB159911BL	608426	17.34	612770	21.60	687131	24.74
04 PB159911BS	622054	17.34	546085	21.60	580841	24.75

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040224 SAS No.: BG040224 SDG NO.: BG040224

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 2 2024 12:00AM

Lab File ID: BG060740.D Time Analyzed: 17:18

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	524178	17.341	468104	21.601	542580	24.744
UPPER LIMIT	1048356	17.841	936208	22.101	1085160	25.244
LOWER LIMIT	262089	16.841	234052	21.101	271290	24.244
EPA SAMPLE NO.						
01 PB159890TB	437229	17.34	480967	21.60	540095	24.74
02 EB-03(2-4)	456741	17.33	445612	21.60	535206	24.73
03 EB-03252024	512811	17.33	495162	21.59	590836	24.74
04 72-11991	470738	17.33	488801	21.59	573791	24.73
05 72-11991MS	474676	17.33	457540	21.59	535686	24.73
06 72-11991MS	522201	17.33	500564	21.60	555427	24.74
07 72-11991MSD	527306	17.33	503860	21.59	534868	24.73
08 72-11998	431789	17.33	448798	21.59	526887	24.73
09 EB-04(2-4)	472931	17.33	454817	21.59	532998	24.73
10 EB-04(0-2)	479984	17.33	446130	21.59	526678	24.73
11 HS-03(0-6)	473953	17.33	444790	21.60	520616	24.73
12 EB-01(0-2)	482902	17.33	456623	21.60	542031	24.73
13 HS-02(0-6)	521919	17.33	477416	21.60	564178	24.74
14 SS-1	504358	17.33	451581	21.60	518714	24.75

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.: BG040224

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB159911BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	960	ug/Kg	56				28	98	
	Benzaldehyde	1700	180	ug/Kg	11				10	147	
	Aniline	1700	580	ug/Kg	34		*		38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1800	ug/Kg	106				65	112	
	1,2-Dichlorobenzene	1700	1600	ug/Kg	94				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1600	ug/Kg	94				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1600	ug/Kg	94				55	104	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	1300	ug/Kg	76				67	119	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				53	105	
	2,4-Dichlorophenol	1700	1800	ug/Kg	106				62	107	
	1,2,4-Trichlorobenzene	1700	1600	ug/Kg	94				44	110	
	Benzoic acid	1700	1800	ug/Kg	106				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	560	ug/Kg	33				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3400	ug/Kg	103				45	134	
	2,4,6-Trichlorophenol	1700	1800	ug/Kg	106		*		59	102	
	2,4,5-Trichlorophenol	1700	1700	ug/Kg	100		*		61	98	
	1,1-Biphenyl	1700	1600	ug/Kg	94				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1800	ug/Kg	106		*		66	101	
	Dimethylphthalate	1700	1500	ug/Kg	88				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1700	ug/Kg	100				57	104	
	Total PAH	27200	25500	ug/Kg	94				57	104	
	2,4-Dinitrophenol	3300	5100	ug/Kg	155		*		37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG040224

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159911BS	4-Nitrophenol	3300	3900	ug/Kg	118				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotr	3400	3500	ug/Kg	103				60	106	
	2,4-Dinitrotoluene	1700	1800	ug/Kg	106				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1500	ug/Kg	88				61	101	
	4-Nitroaniline	1700	1800	ug/Kg	106		*		64	103	
	4,6-Dinitro-2-methylphenol	1700	1900	ug/Kg	112				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				56	107	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1600	ug/Kg	94				55	99	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1300	ug/Kg	76				67	113	
	Pentachlorophenol	3300	3300	ug/Kg	100				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	860	ug/Kg	26				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1300	ug/Kg	76				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				63	111	
	Di-n-octyl phthalate	1700	1700	ug/Kg	100				70	108	
	Benzo(b)fluoranthene	1700	1800	ug/Kg	106				62	109	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1600	ug/Kg	94				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG040224

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB159936BS	n-Nitrosodimethylamine	50	43	ug/L	86				55	108	
	Pyridine	50	30	ug/L	60				29	97	
	Benzaldehyde	50		ug/L			*		15	121	
	Aniline	50	27.5	ug/L	55				10	130	
	Phenol	50	47.4	ug/L	95				66	118	
	bis(2-Chloroethyl)ether	50	49.6	ug/L	99				62	103	
	2-Chlorophenol	50	49.9	ug/L	100				70	117	
	1,2-Dichlorobenzene	50	45.4	ug/L	91				72	102	
	1,3-Dichlorobenzene	50	44.9	ug/L	90				71	103	
	1,4-Dichlorobenzene	50	45.4	ug/L	91				76	103	
	Benzyl Alcohol	50	45.2	ug/L	90				36	93	
	2-Methylphenol	50	45.4	ug/L	91				69	109	
	2,2-oxybis(1-Chloropropane)	50	43.3	ug/L	87				52	103	
	Acetophenone	50	45.9	ug/L	92				60	104	
	3+4-Methylphenols	50	45.4	ug/L	91				67	106	
	N-Nitroso-di-n-propylamine	50	41.1	ug/L	82				57	107	
	Hexachloroethane	50	45.4	ug/L	91				76	118	
	Nitrobenzene	50	43.8	ug/L	88				58	106	
	Isophorone	50	41.9	ug/L	84				61	102	
	2-Nitrophenol	50	50.5	ug/L	101				70	115	
	2,4-Dimethylphenol	50	41.8	ug/L	84				67	130	
	bis(2-Chloroethoxy)methane	50	42.4	ug/L	85				58	109	
	2,4-Dichlorophenol	50	50.9	ug/L	102				66	115	
	1,2,4-Trichlorobenzene	50	46.5	ug/L	93				41	115	
	Benzoic acid	50	51.6	ug/L	103				10	125	
	Naphthalene	50	43.8	ug/L	88				64	107	
	4-Chloroaniline	50	13.2	ug/L	26				10	85	
	Hexachlorobutadiene	50	45.8	ug/L	92				69	101	
	Caprolactam	50	46.6	ug/L	93				58	128	
	4-Chloro-3-methylphenol	50	48.6	ug/L	97				65	114	
	2-Methylnaphthalene	50	41.9	ug/L	84				64	107	
	Hexachlorocyclopentadiene	100	110	ug/L	110				36	160	
	2,4,6-Trichlorophenol	50	52.7	ug/L	105				61	110	
	2,4,5-Trichlorophenol	50	49	ug/L	98				70	106	
	1,1-Biphenyl	50	47.3	ug/L	95				72	98	
	2-Chloronaphthalene	50	47.6	ug/L	95				59	106	
	2-Nitroaniline	50	50.6	ug/L	101				58	107	
	Dimethylphthalate	50	44.8	ug/L	90				64	103	
	Acenaphthylene	50	47.9	ug/L	96				65	108	
	2,6-Dinitrotoluene	50	49.1	ug/L	98				64	110	
	3-Nitroaniline	50	26.1	ug/L	52				28	100	
	Acenaphthene	50	50.9	ug/L	102				59	113	
	Total PAH	800	734.6	ug/L	92				59	113	
	2,4-Dinitrophenol	100	140	ug/L	140		*		64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG040224

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159936BS	4-Nitrophenol	100	120	ug/L	120		*		68	116	
	Dibenzofuran	50	45.1	ug/L	90				65	106	
	2,4-Dinitrotoluene	50	53.2	ug/L	106				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	102.3	ug/L	102				60	115	
	Diethylphthalate	50	44	ug/L	88				63	105	
	4-Chlorophenyl-phenylether	50	44.2	ug/L	88				61	104	
	Fluorene	50	45	ug/L	90				64	107	
	4-Nitroaniline	50	50.7	ug/L	101				69	112	
	4,6-Dinitro-2-methylphenol	50	50	ug/L	100				62	132	
	N-Nitrosodiphenylamine	50	43.6	ug/L	87				61	109	
	Azobenzene	50	44	ug/L	88				59	106	
	4-Bromophenyl-phenylether	50	46.8	ug/L	94				73	103	
	Hexachlorobenzene	50	46.8	ug/L	94				73	106	
	Atrazine	50	46.6	ug/L	93				76	120	
	Pentachlorophenol	100	95.1	ug/L	95				47	114	
	Phenanthrene	50	44.2	ug/L	88				62	109	
	Anthracene	50	43.9	ug/L	88				65	110	
	Carbazole	50	44.9	ug/L	90				62	106	
	Di-n-butylphthalate	50	44.4	ug/L	89				64	106	
	Fluoranthene	50	43.5	ug/L	87				64	110	
	Benzidine	100	20.8	ug/L	21				10	94	
	Pyrene	50	46.2	ug/L	92				71	103	
	Butylbenzylphthalate	50	50.3	ug/L	101				61	105	
	3,3-Dichlorobenzidine	50	31.4	ug/L	63				43	108	
	Benzo(a)anthracene	50	44.7	ug/L	89				62	107	
	Chrysene	50	43.4	ug/L	87				61	108	
	bis(2-Ethylhexyl)phthalate	50	47.3	ug/L	95				59	110	
	Di-n-octyl phthalate	50	51	ug/L	102				67	126	
	Benzo(b)fluoranthene	50	49	ug/L	98				77	113	
	Benzo(k)fluoranthene	50	45.5	ug/L	91				64	113	
	Benzo(a)pyrene	50	44.3	ug/L	89				72	131	
	Indeno(1,2,3-cd)pyrene	50	47.5	ug/L	95				72	105	
	Dibenz(a,h)anthracene	50	48.1	ug/L	96				78	115	
	Benzo(g,h,i)perylene	50	46.7	ug/L	93				75	118	
	1,2,4,5-Tetrachlorobenzene	50	48.9	ug/L	98				72	101	
	1,4-Dioxane	50	33.8	ug/L	68				38	125	
	2,3,4,6-Tetrachlorophenol	50	51.3	ug/L	103				63	116	
	1-Methylnaphthalene	50	43.3	ug/L	87				51	114	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

EB-03 (2-4)

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG040224

SAS No.: BG040224 SDG NO.: BG040224

Lab File ID: BG060742.D

Lab Sample ID: P1879-06

Instrument ID: BNA_G

Date Extracted: 03/27/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/02/2024

Level: (low/med) LOW

Time Analyzed: 18:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EB-03 (2-4)	P1879-06	BG060742.D	04/02/2024
EB-04 (2-4)	P1879-08	BG060749.D	04/02/2024
EB-04 (0-2)	P1879-07	BG060750.D	04/02/2024
HS-03 (0-6)	P1879-11	BG060751.D	04/03/2024
EB-01 (0-2)	P1879-01	BG060752.D	04/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

HS-02 (0-6)

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG040224

SAS No.: BG040224 SDG NO.: BG040224

Lab File ID: BG060753.D

Lab Sample ID: P1879-14

Instrument ID: BNA_G

Date Extracted: 03/28/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/03/2024

Level: (low/med) LOW

Time Analyzed: 01:31

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
HS-02 (0-6)	P1879-14	BG060753.D	04/03/2024
SS-1	P1900-01	BG060754.D	04/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

EB-03252024

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG040224

SAS No.: BG040224 SDG NO.: BG040224

Lab File ID: BG060743.D

Lab Sample ID: P1867-05

Instrument ID: BNA_G

Date Extracted: 03/29/2024

Matrix: (soil/water) Water

Date Analyzed: 04/02/2024

Level: (low/med) LOW

Time Analyzed: 18:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EB-03252024	P1867-05	BG060743.D	04/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159911BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG040224

SAS No.: BG040224 SDG NO.: BG040224

Lab File ID: BG060737.D

Lab Sample ID: PB159911BL

Instrument ID: BNA_G

Date Extracted: 04/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/02/2024

Level: (low/med) LOW

Time Analyzed: 12:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159911BS	PB159911BS	BG060738.D	04/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159936BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG040224

SAS No.: BG040224 SDG NO.: BG040224

Lab File ID: BG060735.D

Lab Sample ID: PB159936BL

Instrument ID: BNA_G

Date Extracted: 04/01/2024

Matrix: (soil/water) water

Date Analyzed: 04/02/2024

Level: (low/med) LOW

Time Analyzed: 11:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159936BS	PB159936BS	BG060736.D	04/02/2024
PB159890TB	PB159890TB	BG060741.D	04/02/2024
72-11991	P1927-02	BG060744.D	04/02/2024
72-11991MS	P1927-02MS	BG060745.D	04/02/2024
72-11991MS	P1927-02MS	BG060746.D	04/02/2024
72-11991MSD	P1927-02MSD	BG060747.D	04/02/2024
72-11998	P1927-04	BG060748.D	04/02/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1927-02MS	Client Sample ID:	72-11991MS					DataFile:	BG060745.D		
n-Nitrosodimethylamine	500			ug/L		*			10	130	
n-Nitrosodimethylamine	500		450	ug/L	90				10	130	
Pyridine	500		380	ug/L	76				10	109	
Pyridine	500			ug/L		*			10	109	
Benzaldehyde	500		0	ug/L	0	*			10	137	
Benzaldehyde	500			ug/L		*			10	137	
Aniline	500			ug/L		*			10	130	
Aniline	500		69.3	ug/L	14				10	130	
Phenol	500			ug/L		*			10	130	
Phenol	500		400	ug/L	80				10	130	
bis(2-Chloroethyl)ether	500		390	ug/L	78				29	141	
bis(2-Chloroethyl)ether	500			ug/L		*			29	141	
2-Chlorophenol	500			ug/L		*			23	127	
2-Chlorophenol	500		440	ug/L	88				23	127	
1,2-Dichlorobenzene	500		450	ug/L	90				61	114	
1,2-Dichlorobenzene	500			ug/L		*			61	114	
1,3-Dichlorobenzene	500			ug/L		*			65	106	
1,3-Dichlorobenzene	500		450	ug/L	90				65	106	
1,4-Dichlorobenzene	500		460	ug/L	92				55	125	
1,4-Dichlorobenzene	500			ug/L		*			55	125	
Benzyl Alcohol	500			ug/L		*			31	94	
Benzyl Alcohol	500		380	ug/L	76				31	94	
2-Methylphenol	500		390	ug/L	78				23	132	
2-Methylphenol	500			ug/L		*			23	132	
2,2-oxybis(1-Chloropropane)	500			ug/L		*			36	141	
2,2-oxybis(1-Chloropropane)	500		420	ug/L	84				36	141	
Acetophenone	500		460	ug/L	92				31	164	
Acetophenone	500			ug/L		*			31	164	
3+4-Methylphenols	500			ug/L		*			17	136	
3+4-Methylphenols	500		390	ug/L	78				17	136	
N-Nitroso-di-n-propylamine	500			ug/L		*			36	147	
N-Nitroso-di-n-propylamine	500		380	ug/L	76				36	147	
Hexachloroethane	500		460	ug/L	92				35	137	
Hexachloroethane	500			ug/L		*			35	137	
Nitrobenzene	500			ug/L		*			40	134	
Nitrobenzene	500		450	ug/L	90				40	134	
Isophorone	500		420	ug/L	84				39	146	
Isophorone	500			ug/L		*			39	146	
2-Nitrophenol	500			ug/L		*			30	148	
2-Nitrophenol	500		550	ug/L	110				30	148	
2,4-Dimethylphenol	500		370	ug/L	74				17	143	
2,4-Dimethylphenol	500			ug/L		*			17	143	
bis(2-Chloroethoxy)methane	500			ug/L		*			39	143	
bis(2-Chloroethoxy)methane	500		420	ug/L	84				39	143	
2,4-Dichlorophenol	500		520	ug/L	104				22	146	
2,4-Dichlorophenol	500			ug/L		*			22	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4-Trichlorobenzene	500			ug/L		*			66	110	
1,2,4-Trichlorobenzene	500		490	ug/L	98				66	110	
Benzoic acid	500		500	ug/L	100				10	101	
Benzoic acid	500			ug/L		*			10	101	
Naphthalene	500			ug/L		*			17	157	
Naphthalene	500		440	ug/L	88				17	157	
4-Chloroaniline	500		24	ug/L	5	*			10	95	
4-Chloroaniline	500			ug/L		*			10	95	
Hexachlorobutadiene	500			ug/L		*			52	125	
Hexachlorobutadiene	500		470	ug/L	94				52	125	
Caprolactam	500			ug/L		*			10	130	
Caprolactam	500		440	ug/L	88				10	130	
4-Chloro-3-methylphenol	500		480	ug/L	96				17	148	
4-Chloro-3-methylphenol	500			ug/L		*			17	148	
2-Methylnaphthalene	500			ug/L		*			38	146	
2-Methylnaphthalene	500		430	ug/L	86				38	146	
Hexachlorocyclopentadiene	1000			ug/L		*			20	153	
Hexachlorocyclopentadiene	1000		950	ug/L	95				20	153	
2,4,6-Trichlorophenol	500			ug/L		*			46	139	
2,4,6-Trichlorophenol	500		520	ug/L	104				46	139	
2,4,5-Trichlorophenol	500		490	ug/L	98				42	129	
2,4,5-Trichlorophenol	500			ug/L		*			42	129	
1,1-Biphenyl	500			ug/L		*			38	154	
1,1-Biphenyl	500		450	ug/L	90				38	154	
2-Chloronaphthalene	500		460	ug/L	92				41	145	
2-Chloronaphthalene	500			ug/L		*			41	145	
2-Nitroaniline	500			ug/L		*			39	151	
2-Nitroaniline	500		510	ug/L	102				39	151	
Dimethylphthalate	500			ug/L		*			42	147	
Dimethylphthalate	500		450	ug/L	90				42	147	
Acenaphthylene	500			ug/L		*			40	141	
Acenaphthylene	500		480	ug/L	96				40	141	
2,6-Dinitrotoluene	500		510	ug/L	102				43	148	
2,6-Dinitrotoluene	500			ug/L		*			43	148	
3-Nitroaniline	500			ug/L		*			10	111	
3-Nitroaniline	500		120	ug/L	24				10	111	
Acenaphthene	500		520	ug/L	104				37	146	
Total PAH	8000			ug/L		*			37	146	
Acenaphthene	500			ug/L		*			37	146	
Total PAH	8000		7660	ug/L	96				37	146	
2,4-Dinitrophenol	1000			ug/L		*			14	167	
2,4-Dinitrophenol	1000		1600	ug/L	160				14	167	
4-Nitrophenol	1000		1200	ug/L	120				10	130	
4-Nitrophenol	1000			ug/L		*			10	130	
Dibenzofuran	500			ug/L		*			41	145	
Dibenzofuran	500		460	ug/L	92				41	145	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1090	ug/L	109				40	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500			ug/L		*			40	151	
2,4-Dinitrotoluene	500		580	ug/L	116				40	151	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000			ug/L		*			40	151	
Diethylphthalate	500			ug/L		*			41	148	
Diethylphthalate	500		450	ug/L	90				41	148	
4-Chlorophenyl-phenylether	500			ug/L		*			38	149	
4-Chlorophenyl-phenylether	500		450	ug/L	90				38	149	
Fluorene	500			ug/L		*			39	144	
Fluorene	500		470	ug/L	94				39	144	
4-Nitroaniline	500			ug/L		*			27	138	
4-Nitroaniline	500		380	ug/L	76				27	138	
4,6-Dinitro-2-methylphenol	500		570	ug/L	114				32	175	
4,6-Dinitro-2-methylphenol	500			ug/L		*			32	175	
N-Nitrosodiphenylamine	500			ug/L		*			40	150	
N-Nitrosodiphenylamine	500		340	ug/L	68				40	150	
Azobenzene	500		440	ug/L	88				72	112	
Azobenzene	500			ug/L		*			72	112	
4-Bromophenyl-phenylether	500			ug/L		*			42	151	
4-Bromophenyl-phenylether	500		460	ug/L	92				42	151	
Hexachlorobenzene	500			ug/L		*			60	129	
Hexachlorobenzene	500		470	ug/L	94				60	129	
Atrazine	500			ug/L		*			20	162	
Atrazine	500		140	ug/L	28				20	162	
Pentachlorophenol	1000			ug/L		*			15	137	
Pentachlorophenol	1000		1000	ug/L	100				15	137	
Phenanthrene	500		450	ug/L	90				40	147	
Phenanthrene	500			ug/L		*			40	147	
Anthracene	500		450	ug/L	90				41	146	
Anthracene	500			ug/L		*			41	146	
Carbazole	500			ug/L		*			37	154	
Carbazole	500		360	ug/L	72				37	154	
Di-n-butylphthalate	500		450	ug/L	90				40	151	
Di-n-butylphthalate	500			ug/L		*			40	151	
Fluoranthene	500			ug/L		*			42	146	
Fluoranthene	500		470	ug/L	94				42	146	
Benzidine	1000	160		ug/L		*			10	130	
Benzidine	1000	160		ug/L		*			10	130	
Pyrene	500			ug/L		*			41	149	
Pyrene	500		460	ug/L	92				41	149	
Butylbenzylphthalate	500		500	ug/L	100				39	155	
Butylbenzylphthalate	500			ug/L		*			39	155	
3,3-Dichlorobenzidine	500			ug/L		*			10	114	
3,3-Dichlorobenzidine	500			ug/L		*			10	114	
Benzo(a)anthracene	500		470	ug/L	94				41	147	
Benzo(a)anthracene	500			ug/L		*			41	147	
Chrysene	500			ug/L		*			44	144	
Chrysene	500		460	ug/L	92				44	144	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040224

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
bis(2-Ethylhexyl)phthalate	500		470	ug/L	94				33	160	
bis(2-Ethylhexyl)phthalate	500			ug/L		*			33	160	
Di-n-octyl phthalate	500			ug/L		*			36	158	
Di-n-octyl phthalate	500		500	ug/L	100				36	158	
Benzo(b)fluoranthene	500		520	ug/L	104				40	150	
Benzo(b)fluoranthene	500			ug/L		*			40	150	
Benzo(k)fluoranthene	500			ug/L		*			40	147	
Benzo(k)fluoranthene	500		500	ug/L	100				40	147	
Benzo(a)pyrene	500		480	ug/L	96				42	147	
Benzo(a)pyrene	500			ug/L		*			42	147	
Indeno(1,2,3-cd)pyrene	500			ug/L		*			30	166	
Indeno(1,2,3-cd)pyrene	500		510	ug/L	102				30	166	
Dibenz(a,h)anthracene	500			ug/L		*			23	172	
Dibenz(a,h)anthracene	500		510	ug/L	102				23	172	
Benzo(g,h,i)perylene	500		470	ug/L	94				27	167	
Benzo(g,h,i)perylene	500			ug/L		*			27	167	
1,2,4,5-Tetrachlorobenzene	500			ug/L		*			89	102	
1,2,4,5-Tetrachlorobenzene	500		470	ug/L	94				89	102	
1,4-Dioxane	500		400	ug/L	80				38	130	
1,4-Dioxane	500			ug/L		*			38	130	
2,3,4,6-Tetrachlorophenol	500			ug/L		*			91	111	
2,3,4,6-Tetrachlorophenol	500		550	ug/L	110				91	111	
1-Methylnaphthalene	500		430	ug/L	86				25	151	
1-Methylnaphthalene	500			ug/L		*			25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P1927-02MSD		Client Sample ID: 72-11991MSD		DataFile: BG060747.D							
n-Nitrosodimethylamine	500		450	ug/L	90				10	130	20
Pyridine	500		400	ug/L	80		5		10	109	20
Benzaldehyde	500		0	ug/L	0	*			10	137	20
Aniline	500		73.9	ug/L	15		7		10	130	20
Phenol	500		400	ug/L	80				10	130	20
bis(2-Chloroethyl)ether	500		390	ug/L	78		0		29	141	20
2-Chlorophenol	500		440	ug/L	88				23	127	20
1,2-Dichlorobenzene	500		440	ug/L	88		2		61	114	20
1,3-Dichlorobenzene	500		440	ug/L	88				65	106	20
1,4-Dichlorobenzene	500		450	ug/L	90		2		55	125	20
Benzyl Alcohol	500		380	ug/L	76		0		31	94	20
2-Methylphenol	500		400	ug/L	80				23	132	20
2,2-oxybis(1-Chloropropane)	500		420	ug/L	84		0		36	141	20
Acetophenone	500		450	ug/L	90				31	164	20
3+4-Methylphenols	500		400	ug/L	80		3		17	136	20
N-Nitroso-di-n-propylamine	500		390	ug/L	78		3		36	147	20
Hexachloroethane	500		460	ug/L	92				35	137	20
Nitrobenzene	500		470	ug/L	94				40	134	20
Isophorone	500		410	ug/L	82				39	146	20
2-Nitrophenol	500		540	ug/L	108				30	148	20
2,4-Dimethylphenol	500		360	ug/L	72		3		17	143	20
bis(2-Chloroethoxy)methane	500		410	ug/L	82				39	143	20
2,4-Dichlorophenol	500		510	ug/L	102				22	146	20
1,2,4-Trichlorobenzene	500		470	ug/L	94				66	110	20
Benzoic acid	500		500	ug/L	100				10	101	20
Naphthalene	500		430	ug/L	86				17	157	20
4-Chloroaniline	500		23.4	ug/L	5	*	0		10	95	20
Hexachlorobutadiene	500		450	ug/L	90				52	125	20
Caprolactam	500		450	ug/L	90				10	130	20
4-Chloro-3-methylphenol	500		490	ug/L	98				17	148	20
2-Methylnaphthalene	500		430	ug/L	86		0		38	146	20
Hexachlorocyclopentadiene	1000		920	ug/L	92		3		20	153	20
2,4,6-Trichlorophenol	500		510	ug/L	102		2		46	139	20
2,4,5-Trichlorophenol	500		490	ug/L	98		0		42	129	20
1,1-Biphenyl	500		430	ug/L	86				38	154	20
2-Chloronaphthalene	500		450	ug/L	90		2		41	145	20
2-Nitroaniline	500		520	ug/L	104		2		39	151	20
Dimethylphthalate	500		450	ug/L	90				42	147	20
Acenaphthylene	500		470	ug/L	94		2		40	141	20
2,6-Dinitrotoluene	500		510	ug/L	102				43	148	20
3-Nitroaniline	500		120	ug/L	24		0		10	111	20
Acenaphthene	500		520	ug/L	104		0		37	146	20
Total PAH	8000		7620	ug/L	95				37	146	20
2,4-Dinitrophenol	1000		1700	ug/L	170	*			14	167	20
4-Nitrophenol	1000		1200	ug/L	120				10	130	20
Dibenzofuran	500		450	ug/L	90				41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1090	ug/L	109		0		40	151	20
2,4-Dinitrotoluene	500		580	ug/L	116		0		40	151	20
Diethylphthalate	500		450	ug/L	90		0		41	148	20
4-Chlorophenyl-phenylether	500		450	ug/L	90				38	149	20
Fluorene	500		470	ug/L	94				39	144	20
4-Nitroaniline	500		360	ug/L	72		5		27	138	20
4,6-Dinitro-2-methylphenol	500		580	ug/L	116				32	175	20
N-Nitrosodiphenylamine	500		340	ug/L	68		0		40	150	20
Azobenzene	500		440	ug/L	88				72	112	20
4-Bromophenyl-phenylether	500		460	ug/L	92		0		42	151	20
Hexachlorobenzene	500		470	ug/L	94		0		60	129	20
Atrazine	500		140	ug/L	28		0		20	162	20
Pentachlorophenol	1000		1000	ug/L	100				15	137	20
Phenanthrene	500		450	ug/L	90				40	147	20
Anthracene	500		450	ug/L	90				41	146	20
Carbazole	500		340	ug/L	68		6		37	154	20
Di-n-butylphthalate	500		450	ug/L	90				40	151	20
Fluoranthene	500		460	ug/L	92		2		42	146	20
Benzidine	1000	160		ug/L		*			10	130	20
Pyrene	500		450	ug/L	90				41	149	20
Butylbenzylphthalate	500		500	ug/L	100		0		39	155	20
3,3-Dichlorobenzidine	500			ug/L		*			10	114	20
Benzo(a)anthracene	500		460	ug/L	92		2		41	147	20
Chrysene	500		450	ug/L	90				44	144	20
bis(2-Ethylhexyl)phthalate	500		470	ug/L	94				33	160	20
Di-n-octyl phthalate	500		500	ug/L	100		0		36	158	20
Benzo(b)fluoranthene	500		530	ug/L	106		2		40	150	20
Benzo(k)fluoranthene	500		510	ug/L	102		2		40	147	20
Benzo(a)pyrene	500		490	ug/L	98				42	147	20
Indeno(1,2,3-cd)pyrene	500		510	ug/L	102		0		30	166	20
Dibenz(a,h)anthracene	500		510	ug/L	102				23	172	20
Benzo(g,h,i)perylene	500		460	ug/L	92				27	167	20
1,2,4,5-Tetrachlorobenzene	500		450	ug/L	90		4		89	102	20
1,4-Dioxane	500		380	ug/L	76		5		38	130	20
2,3,4,6-Tetrachlorophenol	500		540	ug/L	108				91	111	20
1-Methylnaphthalene	500		420	ug/L	84				25	151	20

Surrogate Summary

SW-846

SDG No.: **BG040224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1879-01	EB-01(0-2)	BG060752.D	2-Fluorophenol	150	77.15	51		18	112
			Phenol-d6	150	69.75	47		15	107
			Nitrobenzene-d5	100	55.20	55		18	107
			2-Fluorobiphenyl	100	48.67	49		20	109
			2,4,6-Tribromophenol	150	93.02	62		10	110
			Terphenyl-d14	100	49.83	50		14	112
P1879-06	EB-03(2-4)	BG060742.D	2-Fluorophenol	150	103.62	69		18	112
			Phenol-d6	150	91.01	61		15	107
			Nitrobenzene-d5	100	74.31	74		18	107
			2-Fluorobiphenyl	100	63.39	63		20	109
			2,4,6-Tribromophenol	150	124.81	83		10	110
			Terphenyl-d14	100	64.46	64		14	112
P1879-07	EB-04(0-2)	BG060750.D	2-Fluorophenol	150	109.21	73		18	112
			Phenol-d6	150	102.00	68		15	107
			Nitrobenzene-d5	100	76.27	76		18	107
			2-Fluorobiphenyl	100	66.78	67		20	109
			2,4,6-Tribromophenol	150	130.32	87		10	110
			Terphenyl-d14	100	67.29	67		14	112
P1879-08	EB-04(2-4)	BG060749.D	2-Fluorophenol	150	92.64	62		18	112
			Phenol-d6	150	86.55	58		15	107
			Nitrobenzene-d5	100	65.84	66		18	107
			2-Fluorobiphenyl	100	57.64	58		20	109
			2,4,6-Tribromophenol	150	112.74	75		10	110
			Terphenyl-d14	100	57.11	57		14	112
P1879-11	HS-03(0-6)	BG060751.D	2-Fluorophenol	150	87.77	59		18	112
			Phenol-d6	150	80.44	54		15	107
			Nitrobenzene-d5	100	65.79	66		18	107
			2-Fluorobiphenyl	100	58.41	58		20	109
			2,4,6-Tribromophenol	150	108.75	72		10	110
			Terphenyl-d14	100	56.68	57		14	112

Surrogate Summary

SW-846

SDG No.: BG040224

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1879-14	HS-02(0-6)	BG060753.D	2-Fluorophenol	150	57.40	38		18	112
			Phenol-d6	150	53.89	36		15	107
			Nitrobenzene-d5	100	41.76	42		18	107
			2-Fluorobiphenyl	100	37.85	38		20	109
			2,4,6-Tribromophenol	150	66.34	44		10	110
			Terphenyl-d14	100	38.53	39		14	112
P1900-01	SS-1	BG060754.D	2-Fluorophenol	150	88.26	59		18	112
			Phenol-d6	150	81.62	54		15	107
			Nitrobenzene-d5	100	66.12	66		18	107
			2-Fluorobiphenyl	100	57.98	58		20	109
			2,4,6-Tribromophenol	150	98.87	66		10	110
			Terphenyl-d14	100	55.75	56		14	112



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BG040224

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1867-05	EB-03252024	BG060743.D	2-Fluorophenol	150	37.58	25		10	139
			Phenol-d6	150	20.85	14		10	134
			Nitrobenzene-d5	100	68.36	68		49	133
			2-Fluorobiphenyl	100	59.57	60		52	132
			2,4,6-Tribromophenol	150	121.20	81		32	145
			Terphenyl-d14	100	66.53	67		36	145



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BG040224

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB159911BL	PB159911BL	BG060737.D	2-Fluorophenol	150	126.07	84		18	112
			Phenol-d6	150	117.81	79		15	107
			Nitrobenzene-d5	100	87.71	88		18	107
			2-Fluorobiphenyl	100	81.74	82		20	109
			2,4,6-Tribromophenol	150	154.46	103		10	110
			Terphenyl-d14	100	76.37	76		14	112
PB159911BS	PB159911BS	BG060738.D	2-Fluorophenol	150	145.85	97		18	112
			Phenol-d6	150	136.67	91		15	107
			Nitrobenzene-d5	100	95.92	96		18	107
			2-Fluorobiphenyl	100	88.12	88		20	109
			2,4,6-Tribromophenol	150	163.77	109		10	110
			Terphenyl-d14	100	82.79	83		14	112

Surrogate Summary

SW-846

SDG No.: **BG040224**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1927-02	72-11991	BG060744.D	2-Fluorophenol	150	39.92	27		10	139
			Phenol-d6	150	21.24	14		10	134
			Nitrobenzene-d5	100	81.78	82		49	133
			2-Fluorobiphenyl	100	71.22	71		52	132
			2,4,6-Tribromophenol	150	144.74	96		32	145
			Terphenyl-d14	100	80.66	81		36	145
P1927-02MS	72-11991MS	BG060745.D	2-Fluorophenol	150	125.62	84		10	139
			2-Fluorophenol	150	125.47	84		10	139
		BG060746.D	Phenol-d6	150	107.12	71		10	134
			Phenol-d6	150	107.70	72		10	134
		BG060745.D	Nitrobenzene-d5	100	99.42	99		49	133
			Nitrobenzene-d5	100	99.97	100		49	133
		BG060746.D	2-Fluorobiphenyl	100	80.72	81		52	132
			2-Fluorobiphenyl	100	83.07	83		52	132
		BG060746.D	2,4,6-Tribromophenol	150	162.63	108		32	145
			2,4,6-Tribromophenol	150	163.85	109		32	145
		BG060745.D	Terphenyl-d14	100	79.52	80		36	145
			Terphenyl-d14	100	82.71	83		36	145
P1927-02MSD	72-11991MSD	BG060747.D	2-Fluorophenol	150	125.38	84		10	139
			Phenol-d6	150	107.77	72		10	134
			Nitrobenzene-d5	100	98.75	99		49	133
			2-Fluorobiphenyl	100	78.18	78		52	132
			2,4,6-Tribromophenol	150	163.91	109		32	145
			Terphenyl-d14	100	80.05	80		36	145
P1927-04	72-11998	BG060748.D	2-Fluorophenol	150	122.66	82		10	139
			Phenol-d6	150	102.49	68		10	134
			Nitrobenzene-d5	100	101.59	102		49	133
			2-Fluorobiphenyl	100	81.95	82		52	132
			2,4,6-Tribromophenol	150	172.28	115		32	145
			Terphenyl-d14	100	84.40	84		36	145
PB159890TB	PB159890TB	BG060741.D	2-Fluorophenol	150	159.61	106		10	139
			Phenol-d6	150	148.89	99		10	134
			Nitrobenzene-d5	100	110.89	111		49	133
			2-Fluorobiphenyl	100	90.49	90		52	132
			2,4,6-Tribromophenol	150	187.28	125		32	145
			Terphenyl-d14	100	88.47	88		36	145
PB159936BL	PB159936BL	BG060735.D	2-Fluorophenol	150	130.51	87		10	139
			Phenol-d6	150	120.10	80		10	134
			Nitrobenzene-d5	100	91.59	92		49	133
			2-Fluorobiphenyl	100	85.11	85		52	132
			2,4,6-Tribromophenol	150	166.05	111		32	145
			Terphenyl-d14	100	82.05	82		36	145
PB159936BS	PB159936BS	BG060736.D	2-Fluorophenol	150	140.08	93		10	139
			Phenol-d6	150	131.66	88		10	134
			Nitrobenzene-d5	100	92.75	93		49	133
			2-Fluorobiphenyl	100	88.19	88		52	132
			2,4,6-Tribromophenol	150	161.92	108		32	145
			Terphenyl-d14	100	86.57	87		36	145

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG040224

Lab Code: CHEM

SAS No.: BG040224

SDG NO.: BG040224

Lab File ID: BG060733.D

DFTPP Injection Date: 04/02/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.6
68	Less than 2.0% of mass 69	0.3 (1) 1
69	Mass 69 relative abundance	34.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	29.9
365	Greater than 1% of mass 198	4.8
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	89.4
443	15.0 - 24.0% of mass 442	17.4 (19.5) 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	BG060734.D	04/02/2024	10:39
PB159936BL	PB159936BL	BG060735.D	04/02/2024	11:20
PB159936BS	PB159936BS	BG060736.D	04/02/2024	12:01
PB159911BL	PB159911BL	BG060737.D	04/02/2024	12:42
PB159911BS	PB159911BS	BG060738.D	04/02/2024	13:22

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG040224

Lab Code: CHEM

SAS No.: BG040224

SDG NO.: BG040224

Lab File ID: BG060739.D

DFTPP Injection Date: 04/02/2024

Instrument ID: BNA_G

DFTPP Injection Time: 15:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	49.1
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	36.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.1
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	6.7
275	10.0 - 60.0% of mass 198	28.9
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	81.2
443	15.0 - 24.0% of mass 442	15.4 (19) 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	BG060740.D	04/02/2024	16:37
PB159890TB	PB159890TB	BG060741.D	04/02/2024	17:18
EB-03(2-4)	P1879-06	BG060742.D	04/02/2024	18:02
EB-03252024	P1867-05	BG060743.D	04/02/2024	18:43
72-11991	P1927-02	BG060744.D	04/02/2024	19:24
72-11991MS	P1927-02MS	BG060745.D	04/02/2024	20:05
72-11991MS	P1927-02MS	BG060746.D	04/02/2024	20:46
72-11991MSD	P1927-02MSD	BG060747.D	04/02/2024	21:26
72-11998	P1927-04	BG060748.D	04/02/2024	22:07
EB-04(2-4)	P1879-08	BG060749.D	04/02/2024	22:48
EB-04(0-2)	P1879-07	BG060750.D	04/02/2024	23:29
HS-03(0-6)	P1879-11	BG060751.D	04/03/2024	00:10
EB-01(0-2)	P1879-01	BG060752.D	04/03/2024	00:50
HS-02(0-6)	P1879-14	BG060753.D	04/03/2024	01:31
SS-1	P1900-01	BG060754.D	04/03/2024	02:12