

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG040124 SAS No.: BG040124 SDG No.: BG040124

Instrument ID: BNA_G Calibration Date/Time: 4/1/2024 12:11:08

Lab File ID: BG060710.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	1.017		14.656	
Pyridine	1.485	1.815		22.222	
2-Fluorophenol	1.201	1.284		6.911	
Benzaldehyde	0.983	1.052		7.019	
Aniline	2.250	2.556		13.6	
Phenol-d6	1.782	1.980		11.111	
Phenol	1.819	2.050		12.699	20.0
bis(2-Chloroethyl) ether	1.468	1.655		12.738	
2-Chlorophenol	1.361	1.510		10.948	
1,2-Dichlorobenzene	1.415	1.588		12.226	
1,3-Dichlorobenzene	1.415	1.579		11.59	
1,4-Dichlorobenzene	1.444	1.609		11.427	20.0
Benzyl Alcohol	1.444	1.633		13.089	
2-Methylphenol	1.373	1.580		15.076	
2,2-oxybis(1-Chloropropane)	3.314	3.666		10.622	
Acetophenone	0.551	0.620		12.523	
3+4-Methylphenols	1.880	2.151		14.415	
n-Nitroso-di-n-propylamine	1.359	1.534	0.050	12.877	
Nitrobenzene-d5	0.350	0.388		10.857	
Hexachloroethane	0.513	0.539		5.068	
Nitrobenzene	0.352	0.421		19.602	
Isophorone	0.807	0.920		14.002	
2-Nitrophenol	0.120	0.115		-4.167	20.0
2,4-Dimethylphenol	0.324	0.352		8.642	
bis(2-Chloroethoxy) methane	0.477	0.537		12.579	
2,4-Dichlorophenol	0.298	0.335		12.416	20.0
1,2,4-Trichlorobenzene	0.337	0.377		11.869	
Benzoic acid	0.191	0.184		-3.665	
Naphthalene	1.082	1.221		12.847	
4-Chloroaniline	0.503	0.567		12.724	
Hexachlorobutadiene	0.225	0.247		9.778	20.0
Caprolactam	0.118	0.129		9.322	
4-Chloro-3-methylphenol	0.380	0.433		13.947	20.0
2-Methylnaphthalene	0.795	0.888		11.698	
Hexachlorocyclopentadiene	0.292	0.301	0.050	3.082	
2,4,6-Trichlorophenol	0.370	0.405		9.459	20.0
2-Fluorobiphenyl	1.363	1.516		11.225	
2,4,5-Trichlorophenol	0.442	0.496		12.217	
1,1-Biphenyl	1.413	1.575		11.465	

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Lab File ID: BG060710.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	1.194		11.277	
2-Nitroaniline	0.307	0.353		14.984	
Dimethylphthalate	1.581	1.760		11.322	
Acenaphthylene	1.803	2.058		14.143	
2,6-Dinitrotoluene	0.247	0.301		21.862	
3-Nitroaniline	0.277	0.350		26.354	
Acenaphthene	1.132	1.278		12.898	20.0
2,4-Dinitrophenol	0.110	0.110	0.050	0.0	
4-Nitrophenol	0.231	0.267	0.050	15.584	
Dibenzofuran	1.786	2.009		12.486	
2,4-Dinitrotoluene	0.320	0.405		26.563	
Diethylphthalate	1.590	1.760		10.692	
4-Chlorophenyl-phenylether	0.758	0.845		11.478	
Fluorene	1.433	1.600		11.654	
4-Nitroaniline	0.289	0.359		24.221	
4,6-Dinitro-2-methylphenol	0.073	0.074		1.37	
n-Nitrosodiphenylamine	0.572	0.663		15.909	20.0
Azobenzene	1.550	1.769		14.129	
2,4,6-Tribromophenol	0.227	0.221		-2.643	
4-Bromophenyl-phenylether	0.203	0.207		1.97	
Hexachlorobenzene	0.229	0.260		13.537	
Atrazine	0.200	0.222		11.0	
Pentachlorophenol	0.150	0.165		10.0	20.0
Phenanthrene	1.040	1.173		12.788	
Anthracene	1.056	1.206		14.205	
Carbazole	0.931	1.050		12.782	
Di-n-butylphthalate	1.161	1.275		9.819	
Fluoranthene	1.262	1.374		8.875	20.0
Benzidine	0.527	0.645		22.391	
Pyrene	1.399	1.592		13.796	
Terphenyl-d14	1.136	1.254		10.387	
Butylbenzylphthalate	0.510	0.542		6.275	
3,3-Dichlorobenzidine	0.476	0.537		12.815	
Benzo(a)anthracene	1.410	1.584		12.34	
Chrysene	1.359	1.526		12.288	
Bis(2-ethylhexyl)phthalate	0.813	0.895		10.086	
Di-n-octyl phthalate	1.325	1.431		8.0	20.0
Benzo(b)fluoranthene	1.149	1.271		10.618	
Benzo(k)fluoranthene	1.176	1.350		14.796	

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Lab Name: CHEMTECH Contract: _____

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Instrument ID: BNA_G Calibration Date/Time: 4/1/2024 12:11:08

Lab File ID: BG060710.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	1.264		13.16	20.0
Indeno(1,2,3-cd)pyrene	1.408	1.567		11.293	
Dibenzo(a,h)anthracene	1.187	1.336		12.553	
Benzo(g,h,i)perylene	1.155	1.292		11.861	
1,2,4,5-Tetrachlorobenzene	0.575	0.645		12.174	
1,4-Dioxane	0.492	0.552		12.195	20.0
2,3,4,6-Tetrachlorophenol	0.385	0.432		12.208	
1-Methylnaphthalene	0.751	0.841		11.984	

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG040124 SAS No.: BG040124 SDG No.: BG040124

Instrument ID: BNA_G Calibration Date/Time: 4/1/2024 12:16:05

Lab File ID: BG060717.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	1.158		30.552	
Pyridine	1.485	2.011		35.421	
2-Fluorophenol	1.201	1.581		31.64	
Benzaldehyde	0.983	1.053		7.121	
Aniline	2.250	2.535		12.667	
Phenol-d6	1.782	2.013		12.963	
Phenol	1.819	2.065		13.524	20.0
bis(2-Chloroethyl) ether	1.468	1.639		11.649	
2-Chlorophenol	1.361	1.537		12.932	
1,2-Dichlorobenzene	1.415	1.563		10.459	
1,3-Dichlorobenzene	1.415	1.564		10.53	
1,4-Dichlorobenzene	1.444	1.580		9.418	20.0
Benzyl Alcohol	1.444	1.584		9.695	
2-Methylphenol	1.373	1.546		12.6	
2,2-oxybis(1-Chloropropane)	3.314	3.607		8.841	
Acetophenone	0.551	0.607		10.163	
3+4-Methylphenols	1.880	2.090		11.17	
n-Nitroso-di-n-propylamine	1.359	1.477	0.050	8.683	
Nitrobenzene-d5	0.350	0.414		18.286	
Hexachloroethane	0.513	0.549		7.018	
Nitrobenzene	0.352	0.435		23.58	
Isophorone	0.807	0.903		11.896	
2-Nitrophenol	0.120	0.146		21.667	20.0
2,4-Dimethylphenol	0.324	0.363		12.037	
bis(2-Chloroethoxy) methane	0.477	0.537		12.579	
2,4-Dichlorophenol	0.298	0.348		16.779	20.0
1,2,4-Trichlorobenzene	0.337	0.381		13.056	
Benzoic acid	0.191	0.231		20.942	
Naphthalene	1.082	1.205		11.368	
4-Chloroaniline	0.503	0.551		9.543	
Hexachlorobutadiene	0.225	0.252		12.0	20.0
Caprolactam	0.118	0.126		6.78	
4-Chloro-3-methylphenol	0.380	0.431		13.421	20.0
2-Methylnaphthalene	0.795	0.880		10.692	
Hexachlorocyclopentadiene	0.292	0.337	0.050	15.411	
2,4,6-Trichlorophenol	0.370	0.441		19.189	20.0
2-Fluorobiphenyl	1.363	1.530		12.252	
2,4,5-Trichlorophenol	0.442	0.531		20.136	
1,1-Biphenyl	1.413	1.590		12.527	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.073	1.213		13.048	
2-Nitroaniline	0.307	0.385		25.407	
Dimethylphthalate	1.581	1.731		9.488	
Acenaphthylene	1.803	2.042		13.256	
2,6-Dinitrotoluene	0.247	0.318		28.745	
3-Nitroaniline	0.277	0.355		28.159	
Acenaphthene	1.132	1.258		11.131	20.0
2,4-Dinitrophenol	0.110	0.119	0.050	8.182	
4-Nitrophenol	0.231	0.277	0.050	19.913	
Dibenzofuran	1.786	1.991		11.478	
2,4-Dinitrotoluene	0.320	0.419		30.937	
Diethylphthalate	1.590	1.743		9.623	
4-Chlorophenyl-phenylether	0.758	0.838		10.554	
Fluorene	1.433	1.573		9.77	
4-Nitroaniline	0.289	0.352		21.799	
4,6-Dinitro-2-methylphenol	0.073	0.088		20.548	
n-Nitrosodiphenylamine	0.572	0.658		15.035	20.0
Azobenzene	1.550	1.726		11.355	
2,4,6-Tribromophenol	0.227	0.275		21.145	
4-Bromophenyl-phenylether	0.203	0.239		17.734	
Hexachlorobenzene	0.229	0.261		13.974	
Atrazine	0.200	0.227		13.5	
Pentachlorophenol	0.150	0.183		22.0	20.0
Phenanthrene	1.040	1.160		11.538	
Anthracene	1.056	1.185		12.216	
Carbazole	0.931	1.023		9.882	
Di-n-butylphthalate	1.161	1.284		10.594	
Fluoranthene	1.262	1.353		7.211	20.0
Benzidine	0.527	0.672		27.514	
Pyrene	1.399	1.583		13.152	
Terphenyl-d14	1.136	1.252		10.211	
Butylbenzylphthalate	0.510	0.601		17.843	
3,3-Dichlorobenzidine	0.476	0.573		20.378	
Benzo(a)anthracene	1.410	1.580		12.057	
Chrysene	1.359	1.528		12.436	
Bis(2-ethylhexyl)phthalate	0.813	0.945		16.236	
Di-n-octyl phthalate	1.325	1.582		19.396	20.0
Benzo(b)fluoranthene	1.149	1.292		12.446	
Benzo(k)fluoranthene	1.176	1.360		15.646	

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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	1.282		14.772	20.0
Indeno(1,2,3-cd)pyrene	1.408	1.625		15.412	
Dibenzo(a,h)anthracene	1.187	1.361		14.659	
Benzo(g,h,i)perylene	1.155	1.327		14.892	
1,2,4,5-Tetrachlorobenzene	0.575	0.661		14.957	
1,4-Dioxane	0.492	0.619		25.813	20.0
2,3,4,6-Tetrachlorophenol	0.385	0.451		17.143	
1-Methylnaphthalene	0.751	0.835		11.185	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	PB159835BL	SDG No.:	BG040124
Lab Sample ID:	PB159835BL	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
BG060711.D	1	3/28/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159835

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
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

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	PB159835BL	SDG No.:	BG040124
Lab Sample ID:	PB159835BL	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
BG060711.D	1	3/28/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	69.2	U	169.2	130	340	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
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

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	PB159835BL	SDG No.:	BG040124
Lab Sample ID:	PB159835BL	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
BG060711.D	1	3/28/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	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	131.534		18-112		88	SPK: -150
13127-88-3	Phenol-d6	126.585		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	79.819		18-107		80	SPK: -100
321-60-8	2-Fluorobiphenyl	81.597		20-109		82	SPK: -100
118-79-6	2,4,6-Tribromophenol	123.579		10-110		82	SPK: -150
1718-51-0	Terphenyl-d14	77.979		14-112		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67287	7.962				
1146-65-2	Naphthalene-d8	287100	10.752				
15067-26-2	Acenaphthene-d10	214523	14.583				
1517-22-2	Phenanthrene-d10	586052	17.333				
1719-03-5	Chrysene-d12	591378	21.593				
1520-96-3	Perylene-d12	671415	24.73				



Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	PB159835BL	SDG No.:	BG040124
Lab Sample ID:	PB159835BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060711.D	1	3/28/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.077	
000630-02-4	Octacosane	72.6	J			23.966	
007225-64-1	Heptadecane, 9-octyl-	110	J			24.924	
000630-01-3	Hexacosane	110	J			26.058	
035599-77-0	Tridecane, 1-iodo-	94.2	J			27.427	
000112-95-8	Eicosane	68.9	J			29.066	

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	PB159835BS	SDG No.:	BG040124
Lab Sample ID:	PB159835BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060712.D	1	3/28/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.7	270	330	ug/Kg
110-86-1	Pyridine	970		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	200	J	180	270	330	ug/Kg
62-53-3	Aniline	650		96.8	130	170	ug/Kg
108-95-2	Phenol	1800		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1400		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1300		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1400		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	610		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg
105-60-2	Caprolactam	1600		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	PB159835BS	SDG No.:	BG040124
Lab Sample ID:	PB159835BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060712.D	1	3/28/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2800	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81	130	170	ug/Kg
Total PAH	Total PAH	25400		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3800	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3900	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3300		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.5	130	170	ug/Kg
86-73-7	Fluorene	1600		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1800		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1300		91.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	3100	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1500		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.6	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	PB159835BS	SDG No.:	BG040124
Lab Sample ID:	PB159835BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060712.D	1	3/28/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	790		160	270	330	ug/Kg
129-00-0	Pyrene	1500		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.7	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		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	150.7		18-112		100	SPK: -150
13127-88-3	Phenol-d6	143.752		15-107		96	SPK: -150
4165-60-0	Nitrobenzene-d5	88.338		18-107		88	SPK: -100
321-60-8	2-Fluorobiphenyl	87.091		20-109		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	153.31		10-110		102	SPK: -150
1718-51-0	Terphenyl-d14	82.41		14-112		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70788	7.958				
1146-65-2	Naphthalene-d8	319478	10.755				
15067-26-2	Acenaphthene-d10	235487	14.586				
1517-22-2	Phenanthrene-d10	585958	17.336				
1719-03-5	Chrysene-d12	543079	21.601				
1520-96-3	Perylene-d12	577027	24.733				



Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	PB159835BS	SDG No.:	BG040124
Lab Sample ID:	PB159835BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060712.D	1	3/28/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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:	PB159867BS	SDG No.:	BG040124
Lab Sample ID:	PB159867BS	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
BG060713.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1400		86.7	270	330	ug/Kg
110-86-1	Pyridine	970		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	200	J	180	270	330	ug/Kg
62-53-3	Aniline	630		96.8	130	170	ug/Kg
108-95-2	Phenol	1800		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1500		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	590		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg
105-60-2	Caprolactam	1700		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg

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:	PB159867BS	SDG No.:	BG040124
Lab Sample ID:	PB159867BS	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
BG060713.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2900	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1500		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1600		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1700		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1700		81	130	170	ug/Kg
Total PAH	Total PAH	25500		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	4100	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	4000	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1600		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3500		169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	1600		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		85.5	130	170	ug/Kg
86-73-7	Fluorene	1600		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1800		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1600		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1300		91.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	3200	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1500		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.6	130	170	ug/Kg

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:	PB159867BS	SDG No.:	BG040124
Lab Sample ID:	PB159867BS	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
BG060713.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	790		160	270	330	ug/Kg
129-00-0	Pyrene	1500		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	149.344		18-112		100	SPK: -150
13127-88-3	Phenol-d6	143.627		15-107		96	SPK: -150
4165-60-0	Nitrobenzene-d5	94.03		18-107		94	SPK: -100
321-60-8	2-Fluorobiphenyl	87.344		20-109		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	152.593		10-110		102	SPK: -150
1718-51-0	Terphenyl-d14	81.482		14-112		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71367	7.958				
1146-65-2	Naphthalene-d8	314907	10.755				
15067-26-2	Acenaphthene-d10	233861	14.586				
1517-22-2	Phenanthrene-d10	587310	17.336				
1719-03-5	Chrysene-d12	544613	21.601				
1520-96-3	Perylene-d12	586171	24.739				



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:	PB159867BS	SDG No.:	BG040124
Lab Sample ID:	PB159867BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060713.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

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

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	CCM-1	SDG No.:	BG040124
Lab Sample ID:	P1913-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060714.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.6	U	86.6	270	330	ug/Kg
110-86-1	Pyridine	79.7	U	79.7	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.7	U	96.7	130	170	ug/Kg
108-95-2	Phenol	82.7	U	82.7	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.5	U	83.5	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.3	U	83.3	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.4	U	84.4	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	85.8	U	85.8	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.3	U	86.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	82.8	U	82.8	270	330	ug/Kg
95-48-7	2-Methylphenol	80.4	U	80.4	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.7	U	90.7	130	170	ug/Kg
98-86-2	Acetophenone	86.7	U	86.7	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.6	U	79.6	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.2	U	40.2	79.8	79.8	ug/Kg
67-72-1	Hexachloroethane	82.8	U	82.8	130	170	ug/Kg
98-95-3	Nitrobenzene	90.6	U	90.6	130	170	ug/Kg
78-59-1	Isophorone	84.4	U	84.4	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.3	U	94.3	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93	U	93	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.6	U	85.6	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.3	U	75.3	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.2	U	85.2	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.4	U	82.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.4	U	82.4	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.1	U	83.1	130	170	ug/Kg
105-60-2	Caprolactam	86.6	U	86.6	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.3	U	77.3	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.3	U	82.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	CCM-1	SDG No.:	BG040124
Lab Sample ID:	P1913-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060714.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.2	U	71.2	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	73.8	U	73.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.2	U	87.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.1	U	83.1	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.8	U	94.8	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.5	U	81.5	130	170	ug/Kg
208-96-8	Acenaphthylene	86.3	U	86.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83	U	83	130	170	ug/Kg
99-09-2	3-Nitroaniline	89	U	89	130	170	ug/Kg
83-32-9	Acenaphthene	80.9	U	80.9	130	170	ug/Kg
Total PAH	Total PAH	1321.9	U	1321.9	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	84.2	U	84.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	69	U	169	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86	U	86	130	170	ug/Kg
84-66-2	Diethylphthalate	79.9	U	79.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.4	U	85.4	130	170	ug/Kg
86-73-7	Fluorene	85.3	U	85.3	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	81.4	U	81.4	130	170	ug/Kg
103-33-3	Azobenzene	79.4	U	79.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.7	U	78.7	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.8	U	84.8	130	170	ug/Kg
1912-24-9	Atrazine	91.2	U	91.2	130	170	ug/Kg
87-86-5	Pentachlorophenol	77.1	U	77.1	270	330	ug/Kg
85-01-8	Phenanthrene	83.8	U	83.8	130	170	ug/Kg
120-12-7	Anthracene	84.2	U	84.2	130	170	ug/Kg
86-74-8	Carbazole	80.1	U	80.1	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.1	U	84.1	130	170	ug/Kg
206-44-0	Fluoranthene	81.5	U	81.5	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	CCM-1	SDG No.:	BG040124
Lab Sample ID:	P1913-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060714.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.8	U	82.8	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.6	U	96.6	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.4	U	98.4	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.5	U	80.5	130	170	ug/Kg
218-01-9	Chrysene	79.3	U	79.3	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.8	U	90.8	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.9	U	80.9	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.4	U	82.4	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.8	U	92.8	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	77.9	U	77.9	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	U	81	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	79.9	U	79.9	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.6	U	86.6	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	74.5	U	74.5	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83	U	83	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	52.216		18-112		35	SPK: -150
13127-88-3	Phenol-d6	58.868		15-107		39	SPK: -150
4165-60-0	Nitrobenzene-d5	47.202		18-107		47	SPK: -100
321-60-8	2-Fluorobiphenyl	47.15		20-109		47	SPK: -100
118-79-6	2,4,6-Tribromophenol	34.755		10-110		23	SPK: -150
1718-51-0	Terphenyl-d14	51.212		14-112		51	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54704	7.952				
1146-65-2	Naphthalene-d8	240774	10.749				
15067-26-2	Acenaphthene-d10	188423	14.58				
1517-22-2	Phenanthrene-d10	502287	17.329				
1719-03-5	Chrysene-d12	490590	21.589				
1520-96-3	Perylene-d12	560415	24.727				



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

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	CCM-1	SDG No.:	BG040124
Lab Sample ID:	P1913-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060714.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	780	J			3.175	
000141-79-7	3-Penten-2-one, 4-methyl-	95.4	A			4.48	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9000	A			5.085	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	71.2	J			10.531	
013287-24-6	Nonadecane, 9-methyl-	75.2	J			21.301	

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	CCM-2	SDG No.:	BG040124
Lab Sample ID:	P1917-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060715.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

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
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

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	CCM-2	SDG No.:	BG040124
Lab Sample ID:	P1917-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060715.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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)	69.2	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
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

Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	CCM-2	SDG No.:	BG040124
Lab Sample ID:	P1917-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060715.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	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	84.849		18-112		57	SPK: -150
13127-88-3	Phenol-d6	84.648		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	49.132		18-107		49	SPK: -100
321-60-8	2-Fluorobiphenyl	50.682		20-109		51	SPK: -100
118-79-6	2,4,6-Tribromophenol	66.906		10-110		45	SPK: -150
1718-51-0	Terphenyl-d14	55.025		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57657	7.953				
1146-65-2	Naphthalene-d8	255570	10.75				
15067-26-2	Acenaphthene-d10	204354	14.581				
1517-22-2	Phenanthrene-d10	523535	17.33				
1719-03-5	Chrysene-d12	496731	21.59				
1520-96-3	Perylene-d12	577021	24.722				



Report of Analysis

Client:		Date Collected:	3/13/2024 12:00:00 AM
Project:		Date Received:	3/13/2024 12:00:00 AM
Client Sample ID:	CCM-2	SDG No.:	BG040124
Lab Sample ID:	P1917-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060715.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	800	J			3.176	
000141-79-7	3-Penten-2-one, 4-methyl-	130	A			4.481	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3100	A			5.08	
006863-58-7	Di-sec-Butyl ether	91.6	J			10.527	
1000309-18-3	Sulfurous acid, butyl hexadecyl es	100	J			21.296	

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:	PB159867BL	SDG No.:	BG040124
Lab Sample ID:	PB159867BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060718.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

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
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

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:	PB159867BL	SDG No.:	BG040124
Lab Sample ID:	PB159867BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060718.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	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
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	69.2	U	169.2	130	340	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
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

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:	PB159867BL	SDG No.:	BG040124
Lab Sample ID:	PB159867BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060718.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	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	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	137.041		18-112		91	SPK: -150
13127-88-3	Phenol-d6	127.242		15-107		85	SPK: -150
4165-60-0	Nitrobenzene-d5	84.529		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	80.956		20-109		81	SPK: -100
118-79-6	2,4,6-Tribromophenol	144.687		10-110		96	SPK: -150
1718-51-0	Terphenyl-d14	77.198		14-112		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75708	7.957				
1146-65-2	Naphthalene-d8	322599	10.754				
15067-26-2	Acenaphthene-d10	238047	14.585				
1517-22-2	Phenanthrene-d10	647315	17.329				
1719-03-5	Chrysene-d12	637061	21.589				
1520-96-3	Perylene-d12	728375	24.726				

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:	PB159867BL	SDG No.:	BG040124
Lab Sample ID:	PB159867BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060718.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000110-82-7	Cyclohexane	110	J			3.098	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			5.079	
000630-02-4	Octacosane	80.3	J			23.956	
001560-98-1	Octacosane, 2-methyl-	110	J			24.908	
000630-01-3	Hexacosane	120	J			26.042	
1000309-17-7	Sulfurous acid, butyl decyl ester	130	J			27.399	
000112-95-8	Eicosane	92.3	J			29.045	

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:	RB40858RTDL	SDG No.:	BG040124
Lab Sample ID:	P1894-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.6
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060719.D	2	3/28/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	140	U	140	430	520	ug/Kg
110-86-1	Pyridine	130	U	130	210	270	ug/Kg
100-52-7	Benzaldehyde	290	U	290	430	520	ug/Kg
62-53-3	Aniline	150	U	150	210	270	ug/Kg
108-95-2	Phenol	130	U	130	210	270	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	130	U	130	210	270	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	210	270	ug/Kg
95-50-1	1,2-Dichlorobenzene	130	U	130	210	270	ug/Kg
541-73-1	1,3-Dichlorobenzene	140	U	140	210	270	ug/Kg
106-46-7	1,4-Dichlorobenzene	140	U	140	210	270	ug/Kg
100-51-6	Benzyl Alcohol	130	U	130	430	520	ug/Kg
95-48-7	2-Methylphenol	130	U	130	210	270	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	210	270	ug/Kg
98-86-2	Acetophenone	140	U	140	210	270	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	430	520	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	64.1	U	64.1	130	130	ug/Kg
67-72-1	Hexachloroethane	130	U	130	210	270	ug/Kg
98-95-3	Nitrobenzene	140	U	140	210	270	ug/Kg
78-59-1	Isophorone	130	U	130	210	270	ug/Kg
88-75-5	2-Nitrophenol	150	U	150	210	270	ug/Kg
105-67-9	2,4-Dimethylphenol	150	U	150	210	270	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	140	210	270	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	210	270	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	140	U	140	210	270	ug/Kg
65-85-0	Benzoic acid	380	U	380	430	520	ug/Kg
91-20-3	Naphthalene	130	U	130	210	270	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	210	270	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	210	270	ug/Kg
105-60-2	Caprolactam	140	U	140	430	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	210	270	ug/Kg
91-57-6	2-Methylnaphthalene	130	U	130	210	270	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:	RB40858RTDL	SDG No.:	BG040124
Lab Sample ID:	P1894-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.6
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060719.D	2	3/28/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	250	U	250	430	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	210	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	210	270	ug/Kg
92-52-4	1,1-Biphenyl	140	U	140	210	270	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	210	270	ug/Kg
88-74-4	2-Nitroaniline	150	U	150	210	270	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	210	270	ug/Kg
208-96-8	Acenaphthylene	140	U	140	210	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	210	270	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	210	270	ug/Kg
83-32-9	Acenaphthene	130	U	130	210	270	ug/Kg
Total PAH	Total PAH	2110	U	2110	210	4320	ug/Kg
51-28-5	2,4-Dinitrophenol	390	U	390	430	520	ug/Kg
100-02-7	4-Nitrophenol	180	U	180	430	520	ug/Kg
132-64-9	Dibenzofuran	130	U	130	210	270	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	270	U	270	210	540	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	210	270	ug/Kg
84-66-2	Diethylphthalate	130	U	130	210	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	210	270	ug/Kg
86-73-7	Fluorene	140	U	140	210	270	ug/Kg
100-01-6	4-Nitroaniline	170	U	170	210	270	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	430	520	ug/Kg
86-30-6	n-Nitrosodiphenylamine	130	U	130	210	270	ug/Kg
103-33-3	Azobenzene	130	U	130	210	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	210	270	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	210	270	ug/Kg
1912-24-9	Atrazine	150	U	150	210	270	ug/Kg
87-86-5	Pentachlorophenol	1600	D	120	430	520	ug/Kg
85-01-8	Phenanthrene	130	U	130	210	270	ug/Kg
120-12-7	Anthracene	130	U	130	210	270	ug/Kg
86-74-8	Carbazole	130	U	130	210	270	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	210	270	ug/Kg
206-44-0	Fluoranthene	130	U	130	210	270	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:	RB40858RTDL	SDG No.:	BG040124
Lab Sample ID:	P1894-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.6
Sample Wt/Vol:	50.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060719.D	2	3/28/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	260	U	260	430	520	ug/Kg
129-00-0	Pyrene	130	U	130	210	270	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	210	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	430	520	ug/Kg
56-55-3	Benzo(a)anthracene	130	U	130	210	270	ug/Kg
218-01-9	Chrysene	130	U	130	210	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	JD	140	210	270	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	430	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	U	130	210	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	210	270	ug/Kg
50-32-8	Benzo(a)pyrene	150	U	150	210	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	210	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	210	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	210	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	210	270	ug/Kg
123-91-1	1,4-Dioxane	170	U	170	210	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	210	270	ug/Kg
90-12-0	1-Methylnaphthalene	130	U	130	270	270	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	125.924		18-112		84	SPK: -150
13127-88-3	Phenol-d6	108.774		15-107		73	SPK: -150
4165-60-0	Nitrobenzene-d5	62.948		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	67.12		20-109		67	SPK: -100
118-79-6	2,4,6-Tribromophenol	105.128		10-110		70	SPK: -150
1718-51-0	Terphenyl-d14	65.638		14-112		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65999	7.955				
1146-65-2	Naphthalene-d8	314706	10.752				
15067-26-2	Acenaphthene-d10	235613	14.583				
1517-22-2	Phenanthrene-d10	492142	17.333				
1719-03-5	Chrysene-d12	458733	21.592				
1520-96-3	Perylene-d12	542151	24.73				



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:	RB40858RTDL	SDG No.:	BG040124
Lab Sample ID:	P1894-04DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	24.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060719.D	2	3/28/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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.:	BG040124
Lab Sample ID:	P1927-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060720.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.8	U	57.8	180	220	ug/Kg
110-86-1	Pyridine	53.2	U	53.2	86.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.5	U	64.5	86.6	110	ug/Kg
108-95-2	Phenol	55.2	U	55.2	86.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.8	U	55.8	86.6	110	ug/Kg
95-57-8	2-Chlorophenol	55.6	U	55.6	86.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.4	U	56.4	86.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.3	U	57.3	86.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.6	U	57.6	86.6	110	ug/Kg
100-51-6	Benzyl Alcohol	55.3	U	55.3	180	220	ug/Kg
95-48-7	2-Methylphenol	53.7	U	53.7	86.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.6	U	60.6	86.6	110	ug/Kg
98-86-2	Acetophenone	57.9	U	57.9	86.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.2	U	53.2	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.8	U	26.8	53.3	53.3	ug/Kg
67-72-1	Hexachloroethane	55.3	U	55.3	86.6	110	ug/Kg
98-95-3	Nitrobenzene	60.5	U	60.5	86.6	110	ug/Kg
78-59-1	Isophorone	56.4	U	56.4	86.6	110	ug/Kg
88-75-5	2-Nitrophenol	62.9	U	62.9	86.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.1	U	62.1	86.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.2	U	57.2	86.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.3	U	50.3	86.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.9	U	56.9	86.6	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55	U	55	86.6	110	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	86.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.5	U	55.5	86.6	110	ug/Kg
105-60-2	Caprolactam	57.8	U	57.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.6	U	51.6	86.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	55	U	55	86.6	110	ug/Kg

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.:	BG040124
Lab Sample ID:	P1927-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060720.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.6	U	47.6	86.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.3	U	49.3	86.6	110	ug/Kg
92-52-4	1,1-Biphenyl	58.2	U	58.2	86.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.5	U	55.5	86.6	110	ug/Kg
88-74-4	2-Nitroaniline	63.3	U	63.3	86.6	110	ug/Kg
131-11-3	Dimethylphthalate	54.4	U	54.4	86.6	110	ug/Kg
208-96-8	Acenaphthylene	57.6	U	57.6	86.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.4	U	55.4	86.6	110	ug/Kg
99-09-2	3-Nitroaniline	59.4	U	59.4	86.6	110	ug/Kg
83-32-9	Acenaphthene	54	U	54	86.6	110	ug/Kg
Total PAH	Total PAH	882.8	U	882.8	86.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.3	U	77.3	180	220	ug/Kg
132-64-9	Dibenzofuran	56.2	U	56.2	86.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	112.8	U	112.8	86.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.4	U	57.4	86.6	110	ug/Kg
84-66-2	Diethylphthalate	53.4	U	53.4	86.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	86.6	110	ug/Kg
86-73-7	Fluorene	57	U	57	86.6	110	ug/Kg
100-01-6	4-Nitroaniline	71.3	U	71.3	86.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.9	U	77.9	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.4	U	54.4	86.6	110	ug/Kg
103-33-3	Azobenzene	53	U	53	86.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.6	U	52.6	86.6	110	ug/Kg
118-74-1	Hexachlorobenzene	56.6	U	56.6	86.6	110	ug/Kg
1912-24-9	Atrazine	60.9	U	60.9	86.6	110	ug/Kg
87-86-5	Pentachlorophenol	51.5	U	51.5	180	220	ug/Kg
85-01-8	Phenanthrene	200		56	86.6	110	ug/Kg
120-12-7	Anthracene	56.2	U	56.2	86.6	110	ug/Kg
86-74-8	Carbazole	53.5	U	53.5	86.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.2	U	56.2	86.6	110	ug/Kg
206-44-0	Fluoranthene	120		54.4	86.6	110	ug/Kg

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.:	BG040124
Lab Sample ID:	P1927-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060720.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	80.8	J	55.3	86.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.5	U	64.5	86.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.7	U	65.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.8	U	53.8	86.6	110	ug/Kg
218-01-9	Chrysene	53	U	53	86.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.6	U	60.6	86.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.3	U	73.3	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	86.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	86.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	62	U	62	86.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	86.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.1	U	54.1	86.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.4	U	53.4	86.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.8	U	57.8	86.6	110	ug/Kg
123-91-1	1,4-Dioxane	73.3	U	73.3	86.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.8	U	49.8	86.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.4	U	55.4	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	103.09		18-112		69	SPK: -150
13127-88-3	Phenol-d6	86.191		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	50.129		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	47.148		20-109		47	SPK: -100
118-79-6	2,4,6-Tribromophenol	87.59		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	49.851		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60267	7.955				
1146-65-2	Naphthalene-d8	287474	10.752				
15067-26-2	Acenaphthene-d10	237669	14.583				
1517-22-2	Phenanthrene-d10	552676	17.326				
1719-03-5	Chrysene-d12	517048	21.586				
1520-96-3	Perylene-d12	599003	24.724				



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

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.:	BG040124
Lab Sample ID:	P1927-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060720.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	740	J			3.172	
	unknown3.684	97.7	J			3.684	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	150	J			10.529	
000486-25-9	9H-Fluoren-9-one	69.1	J			16.974	
000057-10-3	n-Hexadecanoic acid	130	J			18.243	
074685-30-6	5-Eicosene, (E)-	120	J			21.281	
1000356-27-6	Terephthalic acid, 3-methylbut-2-y	570	J			22.808	
000111-02-4	Squalene	56.2	J			23.337	

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.:	BG040124
Lab Sample ID:	P1927-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060721.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55.3	U	55.3	170	210	ug/Kg
110-86-1	Pyridine	50.9	U	50.9	82.8	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.7	U	61.7	82.8	110	ug/Kg
108-95-2	Phenol	52.8	U	52.8	82.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53.3	U	53.3	82.8	110	ug/Kg
95-57-8	2-Chlorophenol	53.2	U	53.2	82.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.9	U	53.9	82.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.8	U	54.8	82.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.1	U	55.1	82.8	110	ug/Kg
100-51-6	Benzyl Alcohol	52.8	U	52.8	170	210	ug/Kg
95-48-7	2-Methylphenol	51.3	U	51.3	82.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.9	U	57.9	82.8	110	ug/Kg
98-86-2	Acetophenone	55.3	U	55.3	82.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.8	U	50.8	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.7	U	25.7	50.9	50.9	ug/Kg
67-72-1	Hexachloroethane	52.8	U	52.8	82.8	110	ug/Kg
98-95-3	Nitrobenzene	57.8	U	57.8	82.8	110	ug/Kg
78-59-1	Isophorone	53.9	U	53.9	82.8	110	ug/Kg
88-75-5	2-Nitrophenol	60.2	U	60.2	82.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59.3	U	59.3	82.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.6	U	54.6	82.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	48.1	U	48.1	82.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.4	U	54.4	82.8	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.6	U	52.6	82.8	110	ug/Kg
106-47-8	4-Chloroaniline	52.6	U	52.6	82.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	53	82.8	110	ug/Kg
105-60-2	Caprolactam	55.3	U	55.3	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.3	U	49.3	82.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.5	U	52.5	82.8	110	ug/Kg

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.:	BG040124
Lab Sample ID:	P1927-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060721.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	99.3	U	99.3	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.5	U	45.5	82.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47.1	U	47.1	82.8	110	ug/Kg
92-52-4	1,1-Biphenyl	55.6	U	55.6	82.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	82.8	110	ug/Kg
88-74-4	2-Nitroaniline	60.5	U	60.5	82.8	110	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	82.8	110	ug/Kg
208-96-8	Acenaphthylene	55.1	U	55.1	82.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	53	82.8	110	ug/Kg
99-09-2	3-Nitroaniline	56.8	U	56.8	82.8	110	ug/Kg
83-32-9	Acenaphthene	51.6	U	51.6	82.8	110	ug/Kg
Total PAH	Total PAH	843.5	U	843.5	82.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	73.9	U	73.9	170	210	ug/Kg
132-64-9	Dibenzofuran	53.7	U	53.7	82.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107.9	U	107.9	82.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.9	U	54.9	82.8	110	ug/Kg
84-66-2	Diethylphthalate	51	U	51	82.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.5	U	54.5	82.8	110	ug/Kg
86-73-7	Fluorene	54.4	U	54.4	82.8	110	ug/Kg
100-01-6	4-Nitroaniline	68.1	U	68.1	82.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.5	U	74.5	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52	U	52	82.8	110	ug/Kg
103-33-3	Azobenzene	50.7	U	50.7	82.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50.2	U	50.2	82.8	110	ug/Kg
118-74-1	Hexachlorobenzene	54.1	U	54.1	82.8	110	ug/Kg
1912-24-9	Atrazine	58.2	U	58.2	82.8	110	ug/Kg
87-86-5	Pentachlorophenol	49.2	U	49.2	170	210	ug/Kg
85-01-8	Phenanthrene	84.2	J	53.5	82.8	110	ug/Kg
120-12-7	Anthracene	53.7	U	53.7	82.8	110	ug/Kg
86-74-8	Carbazole	51.1	U	51.1	82.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.7	U	53.7	82.8	110	ug/Kg
206-44-0	Fluoranthene	190		52	82.8	110	ug/Kg

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.:	BG040124		
Lab Sample ID:	P1927-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	5.8		
Sample Wt/Vol:	50.02	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:	uL			Test:			
Extraction Type :	Decanted :			Level :	LOW		
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060721.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	120		52.8	82.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.6	U	61.6	82.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.8	U	62.8	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51.4	U	51.4	82.8	110	ug/Kg
218-01-9	Chrysene	100	J	50.6	82.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.9	U	57.9	82.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	70	U	70	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	120		51.6	82.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.6	U	52.6	82.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	59.2	U	59.2	82.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.7	U	49.7	82.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.7	U	51.7	82.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	82.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55.3	U	55.3	82.8	110	ug/Kg
123-91-1	1,4-Dioxane	70	U	70	82.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.6	U	47.6	82.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	53	U	53	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.215		18-112		63	SPK: -150
13127-88-3	Phenol-d6	96.701		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	56.538		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	55.633		20-109		56	SPK: -100
118-79-6	2,4,6-Tribromophenol	102.901		10-110		69	SPK: -150
1718-51-0	Terphenyl-d14	59.165		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62882	7.958				
1146-65-2	Naphthalene-d8	306444	10.749				
15067-26-2	Acenaphthene-d10	245913	14.579				
1517-22-2	Phenanthrene-d10	565105	17.329				
1719-03-5	Chrysene-d12	529213	21.589				
1520-96-3	Perylene-d12	627164	24.72				

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.:	BG040124
Lab Sample ID:	P1927-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
Sample Wt/Vol:	50.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060721.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	660	J			3.175	
004254-14-2	R-(-)-1,2-propanediol	67.3	J			3.68	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	260	J			10.531	
000638-53-9	Tridecanoic acid	110	J			18.246	
000084-65-1	9,10-Anthracenedione	50.1	J			18.733	
000557-61-9	Octacosanol	96.8	J			21.283	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	140	J			22.805	
014811-95-1	1,19-Eicosadiene	48.6	J			23.481	
	unknown23.992	70.2	J			23.992	
000192-97-2	Benzo[e]pyrene	63.5	J			24.433	
000629-94-7	Heneicosane	85.1	J			26.037	
000083-46-5	.beta.-Sitosterol	94.4	J			30.008	

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.:	BG040124
Lab Sample ID:	P1927-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
Sample Wt/Vol:	50.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060722.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		55.2	170	210	ug/Kg
110-86-1	Pyridine	850		50.8	82.7	110	ug/Kg
100-52-7	Benzaldehyde	190	J	120	170	210	ug/Kg
62-53-3	Aniline	620		61.6	82.7	110	ug/Kg
108-95-2	Phenol	1100		52.7	82.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	930		53.2	82.7	110	ug/Kg
95-57-8	2-Chlorophenol	1100		53.1	82.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		53.8	82.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		54.7	82.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		55	82.7	110	ug/Kg
100-51-6	Benzyl Alcohol	1000		52.8	170	210	ug/Kg
95-48-7	2-Methylphenol	1000		51.3	82.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	980		57.8	82.7	110	ug/Kg
98-86-2	Acetophenone	950		55.3	82.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	1000		50.8	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	940		25.6	50.9	50.9	ug/Kg
67-72-1	Hexachloroethane	1000		52.8	82.7	110	ug/Kg
98-95-3	Nitrobenzene	940		57.8	82.7	110	ug/Kg
78-59-1	Isophorone	930		53.8	82.7	110	ug/Kg
88-75-5	2-Nitrophenol	1100		60.1	82.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	820		59.3	82.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	930		54.6	82.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		48	82.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		54.3	82.7	110	ug/Kg
65-85-0	Benzoic acid	1200		150	170	210	ug/Kg
91-20-3	Naphthalene	980		52.5	82.7	110	ug/Kg
106-47-8	4-Chloroaniline	350		52.5	82.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	980		53	82.7	110	ug/Kg
105-60-2	Caprolactam	1100		55.2	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		49.3	82.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	970		52.5	82.7	110	ug/Kg

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.:	BG040124
Lab Sample ID:	P1927-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060722.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1900	E	99.2	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		45.4	82.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		47.1	82.7	110	ug/Kg
92-52-4	1,1-Biphenyl	980		55.6	82.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	1000		53	82.7	110	ug/Kg
88-74-4	2-Nitroaniline	1100		60.4	82.7	110	ug/Kg
131-11-3	Dimethylphthalate	930		52	82.7	110	ug/Kg
208-96-8	Acenaphthylene	1000		55	82.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		52.9	82.7	110	ug/Kg
99-09-2	3-Nitroaniline	710		56.7	82.7	110	ug/Kg
83-32-9	Acenaphthene	1100		51.6	82.7	110	ug/Kg
Total PAH	Total PAH	17330		842.8	82.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2600	E	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	2400	E	73.8	170	210	ug/Kg
132-64-9	Dibenzofuran	970		53.7	82.7	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		54.8	82.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		107.7	82.7	220	ug/Kg
84-66-2	Diethylphthalate	920		50.9	82.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	920		54.4	82.7	110	ug/Kg
86-73-7	Fluorene	950		54.4	82.7	110	ug/Kg
100-01-6	4-Nitroaniline	1100		68.1	82.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		74.4	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1000		51.9	82.7	110	ug/Kg
103-33-3	Azobenzene	950		50.6	82.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		50.2	82.7	110	ug/Kg
118-74-1	Hexachlorobenzene	1100		54.1	82.7	110	ug/Kg
1912-24-9	Atrazine	1100		58.1	82.7	110	ug/Kg
87-86-5	Pentachlorophenol	2300	E	49.2	170	210	ug/Kg
85-01-8	Phenanthrene	1100		53.4	82.7	110	ug/Kg
120-12-7	Anthracene	1000		53.7	82.7	110	ug/Kg
86-74-8	Carbazole	1000		51.1	82.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	1000		53.6	82.7	110	ug/Kg
206-44-0	Fluoranthene	1200		52	82.7	110	ug/Kg

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.:	BG040124
Lab Sample ID:	P1927-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060722.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	790		100	170	210	ug/Kg
129-00-0	Pyrene	1100		52.8	82.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	1100		61.6	82.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	630		62.7	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	1100		51.3	82.7	110	ug/Kg
218-01-9	Chrysene	1100		50.6	82.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		57.9	82.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		70	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		51.6	82.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		52.5	82.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	1100		59.2	82.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		49.7	82.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		51.6	82.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		50.9	82.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		55.2	82.7	110	ug/Kg
123-91-1	1,4-Dioxane	870		70	82.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1100		47.5	82.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	970		52.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.812		18-112		67	SPK: -150
13127-88-3	Phenol-d6	98.848		15-107		66	SPK: -150
4165-60-0	Nitrobenzene-d5	61.099		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	58.712		20-109		59	SPK: -100
118-79-6	2,4,6-Tribromophenol	106.917		10-110		71	SPK: -150
1718-51-0	Terphenyl-d14	61.212		14-112		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69230	7.955				
1146-65-2	Naphthalene-d8	326639	10.751				
15067-26-2	Acenaphthene-d10	254791	14.582				
1517-22-2	Phenanthrene-d10	559485	17.332				
1719-03-5	Chrysene-d12	528778	21.598				
1520-96-3	Perylene-d12	619157	24.729				

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.:	BG040124
Lab Sample ID:	P1927-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060722.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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.:	BG040124
Lab Sample ID:	P1927-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060723.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	700		55.2	170	210	ug/Kg
110-86-1	Pyridine	590		50.8	82.7	110	ug/Kg
100-52-7	Benzaldehyde	150	J	120	170	210	ug/Kg
62-53-3	Aniline	400		61.7	82.7	110	ug/Kg
108-95-2	Phenol	910		52.7	82.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	740		53.3	82.7	110	ug/Kg
95-57-8	2-Chlorophenol	880		53.1	82.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	830		53.8	82.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	800		54.7	82.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	800		55	82.7	110	ug/Kg
100-51-6	Benzyl Alcohol	810		52.8	170	210	ug/Kg
95-48-7	2-Methylphenol	830		51.3	82.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	780		57.8	82.7	110	ug/Kg
98-86-2	Acetophenone	730		55.3	82.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	820		50.8	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	730		25.6	50.9	50.9	ug/Kg
67-72-1	Hexachloroethane	830		52.8	82.7	110	ug/Kg
98-95-3	Nitrobenzene	770		57.8	82.7	110	ug/Kg
78-59-1	Isophorone	730		53.8	82.7	110	ug/Kg
88-75-5	2-Nitrophenol	900		60.1	82.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	660		59.3	82.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	730		54.6	82.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	910		48	82.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	820		54.3	82.7	110	ug/Kg
65-85-0	Benzoic acid	940		150	170	210	ug/Kg
91-20-3	Naphthalene	780		52.6	82.7	110	ug/Kg
106-47-8	4-Chloroaniline	260		52.6	82.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	770		53	82.7	110	ug/Kg
105-60-2	Caprolactam	830		55.2	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	880		49.3	82.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	780		52.5	82.7	110	ug/Kg

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.:	BG040124
Lab Sample ID:	P1927-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060723.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1400		99.3	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	890		45.4	82.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	820		47.1	82.7	110	ug/Kg
92-52-4	1,1-Biphenyl	770		55.6	82.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	800		53	82.7	110	ug/Kg
88-74-4	2-Nitroaniline	860		60.4	82.7	110	ug/Kg
131-11-3	Dimethylphthalate	720		52	82.7	110	ug/Kg
208-96-8	Acenaphthylene	820		55	82.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	810		52.9	82.7	110	ug/Kg
99-09-2	3-Nitroaniline	550		56.8	82.7	110	ug/Kg
83-32-9	Acenaphthene	840		51.6	82.7	110	ug/Kg
Total PAH	Total PAH	13450		843.2	82.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	2000	E	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	1900	E	73.8	170	210	ug/Kg
132-64-9	Dibenzofuran	770		53.7	82.7	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	880		54.8	82.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	690		107.7	82.7	220	ug/Kg
84-66-2	Diethylphthalate	720		51	82.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	740		54.5	82.7	110	ug/Kg
86-73-7	Fluorene	760		54.4	82.7	110	ug/Kg
100-01-6	4-Nitroaniline	840		68.1	82.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	870		74.4	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	780		51.9	82.7	110	ug/Kg
103-33-3	Azobenzene	750		50.7	82.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	830		50.2	82.7	110	ug/Kg
118-74-1	Hexachlorobenzene	830		54.1	82.7	110	ug/Kg
1912-24-9	Atrazine	820		58.2	82.7	110	ug/Kg
87-86-5	Pentachlorophenol	1800	E	49.2	170	210	ug/Kg
85-01-8	Phenanthrene	850		53.4	82.7	110	ug/Kg
120-12-7	Anthracene	790		53.7	82.7	110	ug/Kg
86-74-8	Carbazole	810		51.1	82.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	780		53.6	82.7	110	ug/Kg
206-44-0	Fluoranthene	920		52	82.7	110	ug/Kg

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.:	BG040124
Lab Sample ID:	P1927-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
Sample Wt/Vol:	50.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060723.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	670		100	170	210	ug/Kg
129-00-0	Pyrene	870		52.8	82.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	850		61.6	82.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	470		62.7	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	840		51.3	82.7	110	ug/Kg
218-01-9	Chrysene	860		50.6	82.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	820		57.9	82.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	860		70	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	930		51.6	82.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	850		52.6	82.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	840		59.2	82.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	870		49.7	82.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	830		51.7	82.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	800		51	82.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	800		55.2	82.7	110	ug/Kg
123-91-1	1,4-Dioxane	620		70	82.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	850		47.5	82.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	780		52.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.124		18-112		62	SPK: -150
13127-88-3	Phenol-d6	88.222		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	55.225		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	51.092		20-109		51	SPK: -100
118-79-6	2,4,6-Tribromophenol	93.859		10-110		63	SPK: -150
1718-51-0	Terphenyl-d14	53.639		14-112		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65743	7.953				
1146-65-2	Naphthalene-d8	311725	10.756				
15067-26-2	Acenaphthene-d10	247661	14.587				
1517-22-2	Phenanthrene-d10	552807	17.33				
1719-03-5	Chrysene-d12	516888	21.596				
1520-96-3	Perylene-d12	603988	24.734				



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.:	BG040124
Lab Sample ID:	P1927-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.8
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060723.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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:	TR-04-032924	SDG No.:	BG040124
Lab Sample ID:	P1936-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.9
Sample Wt/Vol:	50.1	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
BG060724.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	61.1	U	61.1	190	230	ug/Kg
110-86-1	Pyridine	56.2	U	56.2	91.5	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	68.2	U	68.2	91.5	120	ug/Kg
108-95-2	Phenol	58.3	U	58.3	91.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.9	U	58.9	91.5	120	ug/Kg
95-57-8	2-Chlorophenol	58.8	U	58.8	91.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.5	U	59.5	91.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.5	U	60.5	91.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	60.9	U	60.9	91.5	120	ug/Kg
100-51-6	Benzyl Alcohol	58.4	U	58.4	190	230	ug/Kg
95-48-7	2-Methylphenol	56.7	U	56.7	91.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64	U	64	91.5	120	ug/Kg
98-86-2	Acetophenone	61.1	U	61.1	91.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	56.2	U	56.2	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.4	U	28.4	56.3	56.3	ug/Kg
67-72-1	Hexachloroethane	58.4	U	58.4	91.5	120	ug/Kg
98-95-3	Nitrobenzene	63.9	U	63.9	91.5	120	ug/Kg
78-59-1	Isophorone	59.5	U	59.5	91.5	120	ug/Kg
88-75-5	2-Nitrophenol	66.5	U	66.5	91.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	65.6	U	65.6	91.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60.4	U	60.4	91.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53.1	U	53.1	91.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	60.1	U	60.1	91.5	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	58.1	U	58.1	91.5	120	ug/Kg
106-47-8	4-Chloroaniline	58.1	U	58.1	91.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	58.6	U	58.6	91.5	120	ug/Kg
105-60-2	Caprolactam	61.1	U	61.1	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.5	U	54.5	91.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	58.1	U	58.1	91.5	120	ug/Kg

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:	TR-04-032924	SDG No.:	BG040124
Lab Sample ID:	P1936-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.9
Sample Wt/Vol:	50.1 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
BG060724.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.2	U	50.2	91.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52.1	U	52.1	91.5	120	ug/Kg
92-52-4	1,1-Biphenyl	61.5	U	61.5	91.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	58.6	U	58.6	91.5	120	ug/Kg
88-74-4	2-Nitroaniline	66.8	U	66.8	91.5	120	ug/Kg
131-11-3	Dimethylphthalate	57.5	U	57.5	91.5	120	ug/Kg
208-96-8	Acenaphthylene	60.9	U	60.9	91.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.5	U	58.5	91.5	120	ug/Kg
99-09-2	3-Nitroaniline	62.8	U	62.8	91.5	120	ug/Kg
83-32-9	Acenaphthene	57.1	U	57.1	91.5	120	ug/Kg
Total PAH	Total PAH	1802.3	U	932.5	91.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	81.6	U	81.6	190	230	ug/Kg
132-64-9	Dibenzofuran	59.4	U	59.4	91.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	19.2	U	119.2	91.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	60.7	U	60.7	91.5	120	ug/Kg
84-66-2	Diethylphthalate	56.4	U	56.4	91.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.2	U	60.2	91.5	120	ug/Kg
86-73-7	Fluorene	60.2	U	60.2	91.5	120	ug/Kg
100-01-6	4-Nitroaniline	75.3	U	75.3	91.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82.3	U	82.3	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.4	U	57.4	91.5	120	ug/Kg
103-33-3	Azobenzene	56	U	56	91.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.5	U	55.5	91.5	120	ug/Kg
118-74-1	Hexachlorobenzene	59.8	U	59.8	91.5	120	ug/Kg
1912-24-9	Atrazine	64.3	U	64.3	91.5	120	ug/Kg
87-86-5	Pentachlorophenol	54.4	U	54.4	190	230	ug/Kg
85-01-8	Phenanthrene	230		59.1	91.5	120	ug/Kg
120-12-7	Anthracene	59.4	U	59.4	91.5	120	ug/Kg
86-74-8	Carbazole	56.5	U	56.5	91.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	59.3	U	59.3	91.5	120	ug/Kg
206-44-0	Fluoranthene	370		57.5	91.5	120	ug/Kg

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:	TR-04-032924	SDG No.:	BG040124
Lab Sample ID:	P1936-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.9
Sample Wt/Vol:	50.1 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
BG060724.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	330		58.4	91.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	68.1	U	68.1	91.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69.4	U	69.4	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	140		56.8	91.5	120	ug/Kg
218-01-9	Chrysene	160		55.9	91.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	64	U	64	91.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	77.4	U	77.4	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	200		57.1	91.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	70.8	J	58.1	91.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	140		65.4	91.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	74.5	J	55	91.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57.1	U	57.1	91.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	87	J	56.4	91.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61.1	U	61.1	91.5	120	ug/Kg
123-91-1	1,4-Dioxane	77.4	U	77.4	91.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.6	U	52.6	91.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.5	U	58.5	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.848		18-112		53	SPK: -150
13127-88-3	Phenol-d6	87.71		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	54.936		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	47.402		20-109		47	SPK: -100
118-79-6	2,4,6-Tribromophenol	86.723		10-110		58	SPK: -150
1718-51-0	Terphenyl-d14	46.067		14-112		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66317	7.953				
1146-65-2	Naphthalene-d8	317356	10.749				
15067-26-2	Acenaphthene-d10	244446	14.58				
1517-22-2	Phenanthrene-d10	533477	17.33				
1719-03-5	Chrysene-d12	493824	21.59				
1520-96-3	Perylene-d12	581497	24.727				



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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:	TR-04-032924	SDG No.:	BG040124
Lab Sample ID:	P1936-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	14.9
Sample Wt/Vol:	50.1	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
BG060724.D	1	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	640	J			3.176	
000057-55-6	Propylene Glycol	86.1	J			3.681	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	160	J			10.526	
000057-10-3	n-Hexadecanoic acid	170	J			18.247	
000203-64-5	4H-Cyclopenta[def]phenanthrene	70.8	J			18.399	
000084-65-1	9,10-Anthracenedione	50.2	J			18.734	
003674-66-6	Phenanthrene, 2,5-dimethyl-	51.8	J			19.122	
005103-71-9	cis-Chlordane	84.9	J			19.533	
001599-67-3	1-Docosene	120	J			21.278	
000192-97-2	Benzo[e]pyrene	120	J			24.433	

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BG040124
Lab Sample ID:	P1915-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060725.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	97.4	U	97.4	300	370	ug/Kg
110-86-1	Pyridine	89.7	U	89.7	150	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	93	U	93	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	93.9	U	93.9	150	190	ug/Kg
95-57-8	2-Chlorophenol	93.7	U	93.7	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	94.9	U	94.9	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	96.5	U	96.5	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	97.1	U	97.1	150	190	ug/Kg
100-51-6	Benzyl Alcohol	93.1	U	93.1	300	370	ug/Kg
95-48-7	2-Methylphenol	90.4	U	90.4	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	97.5	U	97.5	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	89.5	U	89.5	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.2	U	45.2	89.8	89.8	ug/Kg
67-72-1	Hexachloroethane	93.1	U	93.1	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	94.9	U	94.9	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	96.3	U	96.3	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84.7	U	84.7	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	95.8	U	95.8	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	300	370	ug/Kg
91-20-3	Naphthalene	92.7	U	92.7	150	190	ug/Kg
106-47-8	4-Chloroaniline	92.7	U	92.7	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	93.5	U	93.5	150	190	ug/Kg
105-60-2	Caprolactam	97.4	U	97.4	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	87	U	87	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	92.6	U	92.6	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BG040124
Lab Sample ID:	P1915-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060725.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	180	U	180	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80.1	U	80.1	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83	U	83	150	190	ug/Kg
92-52-4	1,1-Biphenyl	98.1	U	98.1	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	93.5	U	93.5	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	91.7	U	91.7	150	190	ug/Kg
208-96-8	Acenaphthylene	97.1	U	97.1	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	93.4	U	93.4	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	91	U	91	150	190	ug/Kg
Total PAH	Total PAH	5390	U	1482.6	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	94.7	U	94.7	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	96.7	U	96.7	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	90.1	U	190.1	150	380	ug/Kg
84-66-2	Diethylphthalate	89.9	U	89.9	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	96.1	U	96.1	150	190	ug/Kg
86-73-7	Fluorene	95.9	U	95.9	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	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	91.6	U	91.6	150	190	ug/Kg
103-33-3	Azobenzene	89.3	U	89.3	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	88.5	U	88.5	150	190	ug/Kg
118-74-1	Hexachlorobenzene	95.4	U	95.4	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg
87-86-5	Pentachlorophenol	86.7	U	86.7	300	370	ug/Kg
85-01-8	Phenanthrene	810		94.3	150	190	ug/Kg
120-12-7	Anthracene	160	J	94.7	150	190	ug/Kg
86-74-8	Carbazole	90.1	U	90.1	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	94.6	U	94.6	150	190	ug/Kg
206-44-0	Fluoranthene	980		91.7	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BG040124
Lab Sample ID:	P1915-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060725.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	890		93.1	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	500		90.6	150	190	ug/Kg
218-01-9	Chrysene	460		89.2	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	490		100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	600		91	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	200		92.7	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	420		100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	J	87.6	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91.1	U	91.1	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190		89.9	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	97.4	U	97.4	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	83.8	U	83.8	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	93.4	U	93.4	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	114.488		18-112		76	SPK: -150
13127-88-3	Phenol-d6	118.609		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	78.346		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	64.062		20-109		64	SPK: -100
118-79-6	2,4,6-Tribromophenol	116.471		10-110		78	SPK: -150
1718-51-0	Terphenyl-d14	62.187		14-112		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79878	7.955				
1146-65-2	Naphthalene-d8	370266	10.752				
15067-26-2	Acenaphthene-d10	262571	14.583				
1517-22-2	Phenanthrene-d10	557683	17.327				
1719-03-5	Chrysene-d12	501773	21.592				
1520-96-3	Perylene-d12	593738	24.736				



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Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	WC-A-COMP	SDG No.:	BG040124
Lab Sample ID:	P1915-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060725.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000110-82-7	Cyclohexane	120	J			3.102	
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			3.173	
004254-15-3	(S)-(+)-1,2-Propanediol	220	J			3.684	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	170	J			10.529	
000705-76-0	3,5-Dimethoxybenzyl alcohol	88.6	J			14.977	
006145-73-9	Tris(2-chloropropyl) phosphate	130	J			17.098	
000057-10-3	n-Hexadecanoic acid	400	J			18.249	
000203-64-5	4H-Cyclopenta[def]phenanthrene	190	J			18.396	
001599-67-3	1-Docosene	130	J			21.281	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	91.3	J			22.808	

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPMS	SDG No.:	BG040124
Lab Sample ID:	P1915-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060726.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		97.3	300	370	ug/Kg
110-86-1	Pyridine	1200		89.6	150	190	ug/Kg
100-52-7	Benzaldehyde	390		200	300	370	ug/Kg
62-53-3	Aniline	730		110	150	190	ug/Kg
108-95-2	Phenol	2000		92.9	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		93.8	150	190	ug/Kg
95-57-8	2-Chlorophenol	2000		93.6	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	1900		94.8	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	1900		96.4	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	1900		97	150	190	ug/Kg
100-51-6	Benzyl Alcohol	1800		93	300	370	ug/Kg
95-48-7	2-Methylphenol	1800		90.4	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		100	150	190	ug/Kg
98-86-2	Acetophenone	1700		97.4	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	1800		89.5	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		45.2	89.7	89.7	ug/Kg
67-72-1	Hexachloroethane	2000		93	150	190	ug/Kg
98-95-3	Nitrobenzene	1800		100	150	190	ug/Kg
78-59-1	Isophorone	1700		94.8	150	190	ug/Kg
88-75-5	2-Nitrophenol	2100		110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		100	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1700		96.2	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	2100		84.6	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2000		95.7	150	190	ug/Kg
65-85-0	Benzoic acid	2100		270	300	370	ug/Kg
91-20-3	Naphthalene	1900		92.6	150	190	ug/Kg
106-47-8	4-Chloroaniline	550		92.6	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	2000		93.4	150	190	ug/Kg
105-60-2	Caprolactam	1700		97.3	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		86.9	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	1800		92.5	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPMS	SDG No.:	BG040124
Lab Sample ID:	P1915-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060726.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2600		170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2200		80	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		83	150	190	ug/Kg
92-52-4	1,1-Biphenyl	1900		98	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	2000		93.4	150	190	ug/Kg
88-74-4	2-Nitroaniline	2000		110	150	190	ug/Kg
131-11-3	Dimethylphthalate	1700		91.6	150	190	ug/Kg
208-96-8	Acenaphthylene	1900		97	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		93.3	150	190	ug/Kg
99-09-2	3-Nitroaniline	1400		100	150	190	ug/Kg
83-32-9	Acenaphthene	1900		90.9	150	190	ug/Kg
Total PAH	Total PAH	33500		1481.1	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	3000	E	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	4300	E	130	300	370	ug/Kg
132-64-9	Dibenzofuran	1800		94.6	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3900		189.9	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		96.6	150	190	ug/Kg
84-66-2	Diethylphthalate	1600		89.8	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		96	150	190	ug/Kg
86-73-7	Fluorene	1800		95.8	150	190	ug/Kg
100-01-6	4-Nitroaniline	1800		120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1900		91.5	150	190	ug/Kg
103-33-3	Azobenzene	1700		89.2	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		88.4	150	190	ug/Kg
118-74-1	Hexachlorobenzene	2000		95.3	150	190	ug/Kg
1912-24-9	Atrazine	2000		100	150	190	ug/Kg
87-86-5	Pentachlorophenol	4200	E	86.7	300	370	ug/Kg
85-01-8	Phenanthrene	2500		94.2	150	190	ug/Kg
120-12-7	Anthracene	2000		94.6	150	190	ug/Kg
86-74-8	Carbazole	1900		90	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	1800		94.5	150	190	ug/Kg
206-44-0	Fluoranthene	2500		91.6	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPMS	SDG No.:	BG040124
Lab Sample ID:	P1915-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060726.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	810		180	300	370	ug/Kg
129-00-0	Pyrene	2600		93	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	2200		110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	2400		90.5	150	190	ug/Kg
218-01-9	Chrysene	2300		89.1	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2400		100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	2400		90.9	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	2300		92.6	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	2300		100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		87.5	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		91	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		89.8	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2100		97.3	150	190	ug/Kg
123-91-1	1,4-Dioxane	1300		120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		83.7	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	1700		93.3	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	106.901		18-112		71	SPK: -150
13127-88-3	Phenol-d6	107.492		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	75.248		18-107		75	SPK: -100
321-60-8	2-Fluorobiphenyl	61.862		20-109		62	SPK: -100
118-79-6	2,4,6-Tribromophenol	112.291		10-110		75	SPK: -150
1718-51-0	Terphenyl-d14	60.083		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85707	7.959				
1146-65-2	Naphthalene-d8	385146	10.755				
15067-26-2	Acenaphthene-d10	264770	14.586				
1517-22-2	Phenanthrene-d10	562895	17.336				
1719-03-5	Chrysene-d12	499166	21.601				
1520-96-3	Perylene-d12	578085	24.739				



Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPMS	SDG No.:	BG040124
Lab Sample ID:	P1915-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060726.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

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

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPMSD	SDG No.:	BG040124
Lab Sample ID:	P1915-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BG060727.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		97.2	300	370	ug/Kg
110-86-1	Pyridine	1200		89.5	150	190	ug/Kg
100-52-7	Benzaldehyde	390		200	300	370	ug/Kg
62-53-3	Aniline	670		110	150	190	ug/Kg
108-95-2	Phenol	2000		92.9	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		93.8	150	190	ug/Kg
95-57-8	2-Chlorophenol	2000		93.5	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	1900		94.8	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	1900		96.3	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	1900		96.9	150	190	ug/Kg
100-51-6	Benzyl Alcohol	1800		93	300	370	ug/Kg
95-48-7	2-Methylphenol	1800		90.3	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		100	150	190	ug/Kg
98-86-2	Acetophenone	1700		97.3	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	1800		89.4	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		45.1	89.6	89.6	ug/Kg
67-72-1	Hexachloroethane	2000		93	150	190	ug/Kg
98-95-3	Nitrobenzene	1800		100	150	190	ug/Kg
78-59-1	Isophorone	1600		94.8	150	190	ug/Kg
88-75-5	2-Nitrophenol	2100		110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		100	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1700		96.1	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	2000		84.6	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1900		95.7	150	190	ug/Kg
65-85-0	Benzoic acid	2000		270	300	370	ug/Kg
91-20-3	Naphthalene	1800		92.5	150	190	ug/Kg
106-47-8	4-Chloroaniline	560		92.5	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	1900		93.3	150	190	ug/Kg
105-60-2	Caprolactam	1700		97.2	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		86.8	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	1700		92.4	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPMSD	SDG No.:	BG040124
Lab Sample ID:	P1915-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
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
BG060727.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	2300		170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2100		80	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		82.9	150	190	ug/Kg
92-52-4	1,1-Biphenyl	1900		97.9	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	1900		93.3	150	190	ug/Kg
88-74-4	2-Nitroaniline	2000		110	150	190	ug/Kg
131-11-3	Dimethylphthalate	1700		91.5	150	190	ug/Kg
208-96-8	Acenaphthylene	1900		96.9	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		93.2	150	190	ug/Kg
99-09-2	3-Nitroaniline	1400		99.9	150	190	ug/Kg
83-32-9	Acenaphthene	1900		90.9	150	190	ug/Kg
Total PAH	Total PAH	32700		1480.3	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	2300		270	300	370	ug/Kg
100-02-7	4-Nitrophenol	4200	E	130	300	370	ug/Kg
132-64-9	Dibenzofuran	1800		94.5	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3900		189.8	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		96.6	150	190	ug/Kg
84-66-2	Diethylphthalate	1600		89.7	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		95.9	150	190	ug/Kg
86-73-7	Fluorene	1800		95.8	150	190	ug/Kg
100-01-6	4-Nitroaniline	1800		120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1900		91.4	150	190	ug/Kg
103-33-3	Azobenzene	1700		89.2	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		88.4	150	190	ug/Kg
118-74-1	Hexachlorobenzene	2000		95.2	150	190	ug/Kg
1912-24-9	Atrazine	2000		100	150	190	ug/Kg
87-86-5	Pentachlorophenol	4100	E	86.6	300	370	ug/Kg
85-01-8	Phenanthrene	2400		94.1	150	190	ug/Kg
120-12-7	Anthracene	2000		94.5	150	190	ug/Kg
86-74-8	Carbazole	1900		90	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	1800		94.4	150	190	ug/Kg
206-44-0	Fluoranthene	2400		91.5	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPMSD	SDG No.:	BG040124
Lab Sample ID:	P1915-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060727.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	980		180	300	370	ug/Kg
129-00-0	Pyrene	2600		93	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	2100		110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	2300		90.4	150	190	ug/Kg
218-01-9	Chrysene	2300		89.1	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2300		100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	2400		90.9	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	2300		92.5	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	2200		100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		87.5	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		91	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		89.7	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		97.2	150	190	ug/Kg
123-91-1	1,4-Dioxane	1300		120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		83.7	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	1700		93.2	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.484		18-112		70	SPK: -150
13127-88-3	Phenol-d6	105.779		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	73.2		18-107		73	SPK: -100
321-60-8	2-Fluorobiphenyl	59.581		20-109		60	SPK: -100
118-79-6	2,4,6-Tribromophenol	107.634		10-110		72	SPK: -150
1718-51-0	Terphenyl-d14	58.792		14-112		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78951	7.958				
1146-65-2	Naphthalene-d8	362744	10.755				
15067-26-2	Acenaphthene-d10	253748	14.585				
1517-22-2	Phenanthrene-d10	541011	17.335				
1719-03-5	Chrysene-d12	468387	21.601				
1520-96-3	Perylene-d12	533442	24.75				



Report of Analysis

Client:		Date Collected:	3/28/2024 12:00:00 AM
Project:		Date Received:	3/28/2024 12:00:00 AM
Client Sample ID:	WC-A-COMPMSD	SDG No.:	BG040124
Lab Sample ID:	P1915-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060727.D	1	3/29/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159867

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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:	PAT-02-032924	SDG No.:	BG040124
Lab Sample ID:	P1938-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060728.D	5	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	300	U	300	930	1100	ug/Kg
110-86-1	Pyridine	280	U	280	450	590	ug/Kg
100-52-7	Benzaldehyde	630	U	630	930	1100	ug/Kg
62-53-3	Aniline	340	U	340	450	590	ug/Kg
108-95-2	Phenol	290	U	290	450	590	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	290	U	290	450	590	ug/Kg
95-57-8	2-Chlorophenol	290	U	290	450	590	ug/Kg
95-50-1	1,2-Dichlorobenzene	290	U	290	450	590	ug/Kg
541-73-1	1,3-Dichlorobenzene	300	U	300	450	590	ug/Kg
106-46-7	1,4-Dichlorobenzene	300	U	300	450	590	ug/Kg
100-51-6	Benzyl Alcohol	290	U	290	930	1100	ug/Kg
95-48-7	2-Methylphenol	280	U	280	450	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	310	450	590	ug/Kg
98-86-2	Acetophenone	300	U	300	450	590	ug/Kg
65794-96-9	3+4-Methylphenols	280	U	280	930	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140	U	140	280	280	ug/Kg
67-72-1	Hexachloroethane	290	U	290	450	590	ug/Kg
98-95-3	Nitrobenzene	310	U	310	450	590	ug/Kg
78-59-1	Isophorone	290	U	290	450	590	ug/Kg
88-75-5	2-Nitrophenol	330	U	330	450	590	ug/Kg
105-67-9	2,4-Dimethylphenol	320	U	320	450	590	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	300	U	300	450	590	ug/Kg
120-83-2	2,4-Dichlorophenol	260	U	260	450	590	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	300	U	300	450	590	ug/Kg
65-85-0	Benzoic acid	820	U	820	930	1100	ug/Kg
91-20-3	Naphthalene	560	J	290	450	590	ug/Kg
106-47-8	4-Chloroaniline	290	U	290	450	590	ug/Kg
87-68-3	Hexachlorobutadiene	290	U	290	450	590	ug/Kg
105-60-2	Caprolactam	300	U	300	930	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	270	U	270	450	590	ug/Kg
91-57-6	2-Methylnaphthalene	310	J	290	450	590	ug/Kg

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:	PAT-02-032924	SDG No.:	BG040124
Lab Sample ID:	P1938-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060728.D	5	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	540	U	540	930	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	250	U	250	450	590	ug/Kg
95-95-4	2,4,5-Trichlorophenol	260	U	260	450	590	ug/Kg
92-52-4	1,1-Biphenyl	300	U	300	450	590	ug/Kg
91-58-7	2-Chloronaphthalene	290	U	290	450	590	ug/Kg
88-74-4	2-Nitroaniline	330	U	330	450	590	ug/Kg
131-11-3	Dimethylphthalate	280	U	280	450	590	ug/Kg
208-96-8	Acenaphthylene	300	U	300	450	590	ug/Kg
606-20-2	2,6-Dinitrotoluene	290	U	290	450	590	ug/Kg
99-09-2	3-Nitroaniline	310	U	310	450	590	ug/Kg
83-32-9	Acenaphthene	850		280	450	590	ug/Kg
Total PAH	Total PAH	50110		4600	450	9440	ug/Kg
51-28-5	2,4-Dinitrophenol	840	U	840	930	1100	ug/Kg
100-02-7	4-Nitrophenol	400	U	400	930	1100	ug/Kg
132-64-9	Dibenzofuran	710		290	450	590	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	690	U	590	450	1180	ug/Kg
121-14-2	2,4-Dinitrotoluene	300	U	300	450	590	ug/Kg
84-66-2	Diethylphthalate	280	U	280	450	590	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	300	U	300	450	590	ug/Kg
86-73-7	Fluorene	1500		300	450	590	ug/Kg
100-01-6	4-Nitroaniline	370	U	370	450	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	410	U	410	930	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	280	U	280	450	590	ug/Kg
103-33-3	Azobenzene	280	U	280	450	590	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	450	590	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	450	590	ug/Kg
1912-24-9	Atrazine	320	U	320	450	590	ug/Kg
87-86-5	Pentachlorophenol	270	U	270	930	1100	ug/Kg
85-01-8	Phenanthrene	9200		290	450	590	ug/Kg
120-12-7	Anthracene	2400		290	450	590	ug/Kg
86-74-8	Carbazole	570	J	280	450	590	ug/Kg
84-74-2	Di-n-butylphthalate	290	U	290	450	590	ug/Kg
206-44-0	Fluoranthene	9100		280	450	590	ug/Kg

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:	PAT-02-032924	SDG No.:	BG040124
Lab Sample ID:	P1938-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060728.D	5	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	560	U	560	930	1100	ug/Kg
129-00-0	Pyrene	8100		290	450	590	ug/Kg
85-68-7	Butylbenzylphthalate	340	U	340	450	590	ug/Kg
91-94-1	3,3-Dichlorobenzidine	340	U	340	930	1100	ug/Kg
56-55-3	Benzo(a)anthracene	4000		280	450	590	ug/Kg
218-01-9	Chrysene	3700		280	450	590	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320	U	320	450	590	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	930	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	3900		280	450	590	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		290	450	590	ug/Kg
50-32-8	Benzo(a)pyrene	3300		320	450	590	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900		270	450	590	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280	U	280	450	590	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		280	450	590	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	300	450	590	ug/Kg
123-91-1	1,4-Dioxane	380	U	380	450	590	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260	U	260	450	590	ug/Kg
90-12-0	1-Methylnaphthalene	340	J	290	590	590	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	115.815		18-112		77	SPK: -150
13127-88-3	Phenol-d6	115.22		15-107		77	SPK: -150
4165-60-0	Nitrobenzene-d5	78.315		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	78.06		20-109		78	SPK: -100
118-79-6	2,4,6-Tribromophenol	127		10-110		85	SPK: -150
1718-51-0	Terphenyl-d14	80.44		14-112		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69938	7.959				
1146-65-2	Naphthalene-d8	309020	10.755				
15067-26-2	Acenaphthene-d10	212341	14.586				
1517-22-2	Phenanthrene-d10	451794	17.336				
1719-03-5	Chrysene-d12	397425	21.596				
1520-96-3	Perylene-d12	471217	24.739				

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:	PAT-02-032924	SDG No.:	BG040124
Lab Sample ID:	P1938-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060728.D	5	4/1/2024 12:00:00 AM	4/1/2024 12:00:00 AM	PB159911

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	870	J			3.176	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	360	J			10.532	
000581-40-8	Naphthalene, 2,3-dimethyl-	390	J			13.911	
006344-67-8	9H-Fluoren-3-ol	410	J			15.932	
001730-37-6	9H-Fluorene, 1-methyl-	530	J			16.643	
000233-02-3	Naphtho[2,1-b]thiophene	640	J			17.154	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	1100	J			18.211	
002531-84-2	Phenanthrene, 2-methyl-	1600	J			18.258	
000832-69-9	Phenanthrene, 1-methyl-	600	J			18.341	
000203-64-5	4H-Cyclopenta[def]phenanthrene	2300	J			18.405	
107426-38-0	Naphtho[2,3-b]norbornadiene	620	J			18.441	
000612-94-2	Naphthalene, 2-phenyl-	780	J			18.711	
000084-65-1	9,10-Anthracenedione	500	J			18.746	
002789-88-0	di-p-Tolylacetylene	700	J			19.128	
	unknown19.187	480	J			19.187	
003674-66-6	Phenanthrene, 2,5-dimethyl-	410	J			19.263	
000243-17-4	11H-Benzo[b]fluorene	500	J			20.244	
033543-31-6	Fluoranthene, 2-methyl-	440	J			20.344	
000192-97-2	Benzo[e]pyrene	1500	J			24.451	

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:	369	SDG No.:	BG040124
Lab Sample ID:	P1937-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060729.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	66.3	U	66.3	210	250	ug/Kg
110-86-1	Pyridine	61.1	U	61.1	99.3	130	ug/Kg
100-52-7	Benzaldehyde	140	U	140	210	250	ug/Kg
62-53-3	Aniline	74	U	74	99.3	130	ug/Kg
108-95-2	Phenol	63.3	U	63.3	99.3	130	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	64	U	64	99.3	130	ug/Kg
95-57-8	2-Chlorophenol	63.8	U	63.8	99.3	130	ug/Kg
95-50-1	1,2-Dichlorobenzene	64.6	U	64.6	99.3	130	ug/Kg
541-73-1	1,3-Dichlorobenzene	65.7	U	65.7	99.3	130	ug/Kg
106-46-7	1,4-Dichlorobenzene	66.1	U	66.1	99.3	130	ug/Kg
100-51-6	Benzyl Alcohol	63.4	U	63.4	210	250	ug/Kg
95-48-7	2-Methylphenol	61.6	U	61.6	99.3	130	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69.5	U	69.5	99.3	130	ug/Kg
98-86-2	Acetophenone	66.4	U	66.4	99.3	130	ug/Kg
65794-96-9	3+4-Methylphenols	61	U	61	210	250	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	30.8	U	30.8	61.1	61.1	ug/Kg
67-72-1	Hexachloroethane	63.4	U	63.4	99.3	130	ug/Kg
98-95-3	Nitrobenzene	69.4	U	69.4	99.3	130	ug/Kg
78-59-1	Isophorone	64.6	U	64.6	99.3	130	ug/Kg
88-75-5	2-Nitrophenol	72.2	U	72.2	99.3	130	ug/Kg
105-67-9	2,4-Dimethylphenol	71.2	U	71.2	99.3	130	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	65.6	U	65.6	99.3	130	ug/Kg
120-83-2	2,4-Dichlorophenol	57.7	U	57.7	99.3	130	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	65.3	U	65.3	99.3	130	ug/Kg
65-85-0	Benzoic acid	180	U	180	210	250	ug/Kg
91-20-3	Naphthalene	63.1	U	63.1	99.3	130	ug/Kg
106-47-8	4-Chloroaniline	63.1	U	63.1	99.3	130	ug/Kg
87-68-3	Hexachlorobutadiene	63.6	U	63.6	99.3	130	ug/Kg
105-60-2	Caprolactam	66.3	U	66.3	210	250	ug/Kg
59-50-7	4-Chloro-3-methylphenol	59.2	U	59.2	99.3	130	ug/Kg
91-57-6	2-Methylnaphthalene	63	U	63	99.3	130	ug/Kg

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:	369	SDG No.:	BG040124
Lab Sample ID:	P1937-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060729.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
77-47-4	Hexachlorocyclopentadiene	120	U	120	210	250	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54.6	U	54.6	99.3	130	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56.5	U	56.5	99.3	130	ug/Kg
92-52-4	1,1-Biphenyl	66.8	U	66.8	99.3	130	ug/Kg
91-58-7	2-Chloronaphthalene	63.6	U	63.6	99.3	130	ug/Kg
88-74-4	2-Nitroaniline	72.6	U	72.6	99.3	130	ug/Kg
131-11-3	Dimethylphthalate	62.4	U	62.4	99.3	130	ug/Kg
208-96-8	Acenaphthylene	66.1	U	66.1	99.3	130	ug/Kg
606-20-2	2,6-Dinitrotoluene	63.6	U	63.6	99.3	130	ug/Kg
99-09-2	3-Nitroaniline	68.2	U	68.2	99.3	130	ug/Kg
83-32-9	Acenaphthene	62	U	62	99.3	130	ug/Kg
Total PAH	Total PAH	1012.5	U	1012.5	99.3	2080	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	210	250	ug/Kg
100-02-7	4-Nitrophenol	88.6	U	88.6	210	250	ug/Kg
132-64-9	Dibenzofuran	64.5	U	64.5	99.3	130	ug/Kg
121-14-2	2,4-Dinitrotoluene	65.9	U	65.9	99.3	130	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	29.5	U	129.5	99.3	260	ug/Kg
84-66-2	Diethylphthalate	61.2	U	61.2	99.3	130	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	65.4	U	65.4	99.3	130	ug/Kg
86-73-7	Fluorene	65.3	U	65.3	99.3	130	ug/Kg
100-01-6	4-Nitroaniline	81.8	U	81.8	99.3	130	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	89.4	U	89.4	210	250	ug/Kg
86-30-6	n-Nitrosodiphenylamine	62.3	U	62.3	99.3	130	ug/Kg
103-33-3	Azobenzene	60.8	U	60.8	99.3	130	ug/Kg
101-55-3	4-Bromophenyl-phenylether	60.3	U	60.3	99.3	130	ug/Kg
118-74-1	Hexachlorobenzene	64.9	U	64.9	99.3	130	ug/Kg
1912-24-9	Atrazine	69.8	U	69.8	99.3	130	ug/Kg
87-86-5	Pentachlorophenol	59.1	U	59.1	210	250	ug/Kg
85-01-8	Phenanthrene	64.2	U	64.2	99.3	130	ug/Kg
120-12-7	Anthracene	64.5	U	64.5	99.3	130	ug/Kg
86-74-8	Carbazole	61.4	U	61.4	99.3	130	ug/Kg
84-74-2	Di-n-butylphthalate	64.4	U	64.4	99.3	130	ug/Kg
206-44-0	Fluoranthene	89	J	62.4	99.3	130	ug/Kg

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:	369	SDG No.:	BG040124
Lab Sample ID:	P1937-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060729.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
92-87-5	Benidine	120	U	120	210	250	ug/Kg
129-00-0	Pyrene	94.9	J	63.4	99.3	130	ug/Kg
85-68-7	Butylbenzylphthalate	74	U	74	99.3	130	ug/Kg
91-94-1	3,3-Dichlorobenzidine	75.3	U	75.3	210	250	ug/Kg
56-55-3	Benzo(a)anthracene	61.7	U	61.7	99.3	130	ug/Kg
218-01-9	Chrysene	60.7	U	60.7	99.3	130	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	69.5	U	69.5	99.3	130	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	210	250	ug/Kg
205-99-2	Benzo(b)fluoranthene	62	U	62	99.3	130	ug/Kg
207-08-9	Benzo(k)fluoranthene	63.1	U	63.1	99.3	130	ug/Kg
50-32-8	Benzo(a)pyrene	71.1	U	71.1	99.3	130	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	59.7	U	59.7	99.3	130	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62	U	62	99.3	130	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61.2	U	61.2	99.3	130	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	66.3	U	66.3	99.3	130	ug/Kg
123-91-1	1,4-Dioxane	84	U	84	99.3	130	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57.1	U	57.1	99.3	130	ug/Kg
90-12-0	1-Methylnaphthalene	63.6	U	63.6	130	130	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	68.504		18-112		46	SPK: -150
13127-88-3	Phenol-d6	67.569		15-107		45	SPK: -150
4165-60-0	Nitrobenzene-d5	49.112		18-107		49	SPK: -100
321-60-8	2-Fluorobiphenyl	46.913		20-109		47	SPK: -100
118-79-6	2,4,6-Tribromophenol	76.097		10-110		51	SPK: -150
1718-51-0	Terphenyl-d14	43.693		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96314	7.958				
1146-65-2	Naphthalene-d8	412727	10.755				
15067-26-2	Acenaphthene-d10	267033	14.586				
1517-22-2	Phenanthrene-d10	570803	17.335				
1719-03-5	Chrysene-d12	505765	21.595				
1520-96-3	Perylene-d12	513945	24.744				

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:	369	SDG No.:	BG040124
Lab Sample ID:	P1937-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	21.6
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060729.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
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	470	J			3.181	
054446-78-5	Ethanol, 1-(2-butoxyethoxy)-	270	J			10.532	
000629-78-7	Heptadecane	65.5	J			16.325	
000593-45-3	Octadecane	63.4	J			17.118	
013187-99-0	2-Bromo dodecane	62.7	J			17.858	
000057-10-3	n-Hexadecanoic acid	130	J			18.246	
000629-92-5	Nonadecane	74.6	J			18.552	
002566-97-4	9,12-Octadecadienoic acid, methyl	120	J			19.169	
035599-77-0	Tridecane, 1-iodo-	64.9	J			20.297	
055282-16-1	Docosane, 5-butyl-	200	J			21.301	
075853-51-9	13-Methyltetradecanal	150	J			22.083	
1000309-37-9	Oxalic acid, isobutyl tetradecyl e	590	J			22.465	
000638-66-4	Octadecanal	160	J			23.493	
055124-79-3	Heptadecane, 9-hexyl-	510	J			23.969	

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:	YANUZZI-GROUP	SDG No.:	BG040124
Lab Sample ID:	P1880-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060730.D	5	3/28/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	470	U	470	1500	1800	ug/Kg
110-86-1	Pyridine	430	U	430	710	920	ug/Kg
100-52-7	Benzaldehyde	990	U	990	1500	1800	ug/Kg
62-53-3	Aniline	530	U	530	710	920	ug/Kg
108-95-2	Phenol	450	U	450	710	920	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	450	U	450	710	920	ug/Kg
95-57-8	2-Chlorophenol	450	U	450	710	920	ug/Kg
95-50-1	1,2-Dichlorobenzene	460	U	460	710	920	ug/Kg
541-73-1	1,3-Dichlorobenzene	470	U	470	710	920	ug/Kg
106-46-7	1,4-Dichlorobenzene	470	U	470	710	920	ug/Kg
100-51-6	Benzyl Alcohol	450	U	450	1500	1800	ug/Kg
95-48-7	2-Methylphenol	440	U	440	710	920	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	490	U	490	710	920	ug/Kg
98-86-2	Acetophenone	470	U	470	710	920	ug/Kg
65794-96-9	3+4-Methylphenols	430	U	430	1500	1800	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	220	U	220	430	430	ug/Kg
67-72-1	Hexachloroethane	450	U	450	710	920	ug/Kg
98-95-3	Nitrobenzene	490	U	490	710	920	ug/Kg
78-59-1	Isophorone	460	U	460	710	920	ug/Kg
88-75-5	2-Nitrophenol	510	U	510	710	920	ug/Kg
105-67-9	2,4-Dimethylphenol	510	U	510	710	920	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	470	U	470	710	920	ug/Kg
120-83-2	2,4-Dichlorophenol	410	U	410	710	920	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	460	U	460	710	920	ug/Kg
65-85-0	Benzoic acid	1300	U	1300	1500	1800	ug/Kg
91-20-3	Naphthalene	450	U	450	710	920	ug/Kg
106-47-8	4-Chloroaniline	450	U	450	710	920	ug/Kg
87-68-3	Hexachlorobutadiene	450	U	450	710	920	ug/Kg
105-60-2	Caprolactam	470	U	470	1500	1800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	420	U	420	710	920	ug/Kg
91-57-6	2-Methylnaphthalene	450	U	450	710	920	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:	YANUZZI-GROUP	SDG No.:	BG040124
Lab Sample ID:	P1880-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060730.D	5	3/28/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	850	U	850	1500	1800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	390	U	390	710	920	ug/Kg
95-95-4	2,4,5-Trichlorophenol	400	U	400	710	920	ug/Kg
92-52-4	1,1-Biphenyl	470	U	470	710	920	ug/Kg
91-58-7	2-Chloronaphthalene	450	U	450	710	920	ug/Kg
88-74-4	2-Nitroaniline	520	U	520	710	920	ug/Kg
131-11-3	Dimethylphthalate	440	U	440	710	920	ug/Kg
208-96-8	Acenaphthylene	470	U	470	710	920	ug/Kg
606-20-2	2,6-Dinitrotoluene	450	U	450	710	920	ug/Kg
99-09-2	3-Nitroaniline	480	U	480	710	920	ug/Kg
83-32-9	Acenaphthene	440	U	440	710	920	ug/Kg
Total PAH	Total PAH	7200	U	7200	710	14720	ug/Kg
51-28-5	2,4-Dinitrophenol	1300	U	1300	1500	1800	ug/Kg
100-02-7	4-Nitrophenol	630	U	630	1500	1800	ug/Kg
132-64-9	Dibenzofuran	460	U	460	710	920	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	920	U	920	710	1840	ug/Kg
121-14-2	2,4-Dinitrotoluene	470	U	470	710	920	ug/Kg
84-66-2	Diethylphthalate	440	U	440	710	920	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	470	U	470	710	920	ug/Kg
86-73-7	Fluorene	460	U	460	710	920	ug/Kg
100-01-6	4-Nitroaniline	580	U	580	710	920	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	640	U	640	1500	1800	ug/Kg
86-30-6	n-Nitrosodiphenylamine	440	U	440	710	920	ug/Kg
103-33-3	Azobenzene	430	U	430	710	920	ug/Kg
101-55-3	4-Bromophenyl-phenylether	430	U	430	710	920	ug/Kg
118-74-1	Hexachlorobenzene	460	U	460	710	920	ug/Kg
1912-24-9	Atrazine	500	U	500	710	920	ug/Kg
87-86-5	Pentachlorophenol	420	U	420	1500	1800	ug/Kg
85-01-8	Phenanthrene	460	U	460	710	920	ug/Kg
120-12-7	Anthracene	460	U	460	710	920	ug/Kg
86-74-8	Carbazole	440	U	440	710	920	ug/Kg
84-74-2	Di-n-butylphthalate	460	U	460	710	920	ug/Kg
206-44-0	Fluoranthene	440	J	440	710	920	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:	YANUZZI-GROUP	SDG No.:	BG040124
Lab Sample ID:	P1880-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060730.D	5	3/28/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	890	U	890	1500	1800	ug/Kg
129-00-0	Pyrene	450	U	450	710	920	ug/Kg
85-68-7	Butylbenzylphthalate	530	U	530	710	920	ug/Kg
91-94-1	3,3-Dichlorobenzidine	540	U	540	1500	1800	ug/Kg
56-55-3	Benzo(a)anthracene	440	U	440	710	920	ug/Kg
218-01-9	Chrysene	430	U	430	710	920	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		490	710	920	ug/Kg
117-84-0	Di-n-octyl phthalate	600	U	600	1500	1800	ug/Kg
205-99-2	Benzo(b)fluoranthene	440	U	440	710	920	ug/Kg
207-08-9	Benzo(k)fluoranthene	450	U	450	710	920	ug/Kg
50-32-8	Benzo(a)pyrene	510	U	510	710	920	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	420	U	420	710	920	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	440	U	440	710	920	ug/Kg
191-24-2	Benzo(g,h,i)perylene	440	U	440	710	920	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	470	U	470	710	920	ug/Kg
123-91-1	1,4-Dioxane	600	U	600	710	920	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	410	U	410	710	920	ug/Kg
90-12-0	1-Methylnaphthalene	450	U	450	920	920	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	80.94		18-112		54	SPK: -150
13127-88-3	Phenol-d6	81.5		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	55.125		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	61.505		20-109		62	SPK: -100
118-79-6	2,4,6-Tribromophenol	92.2		10-110		61	SPK: -150
1718-51-0	Terphenyl-d14	60.295		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82779	7.96				
1146-65-2	Naphthalene-d8	347266	10.756				
15067-26-2	Acenaphthene-d10	226258	14.587				
1517-22-2	Phenanthrene-d10	474752	17.337				
1719-03-5	Chrysene-d12	422552	21.597				
1520-96-3	Perylene-d12	404475	24.746				



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:	YANUZZI-GROUP	SDG No.:	BG040124
Lab Sample ID:	P1880-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.2
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060730.D	5	3/28/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	600	J			3.177	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	2200	J			22.813	

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-01(0-6)	SDG No.:	BG040124
Lab Sample ID:	P1879-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060731.D	2	3/28/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	190	U	190	580	710	ug/Kg
110-86-1	Pyridine	170	U	170	280	360	ug/Kg
100-52-7	Benzaldehyde	390	U	390	580	710	ug/Kg
62-53-3	Aniline	210	U	210	280	360	ug/Kg
108-95-2	Phenol	180	U	180	280	360	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	180	U	180	280	360	ug/Kg
95-57-8	2-Chlorophenol	180	U	180	280	360	ug/Kg
95-50-1	1,2-Dichlorobenzene	180	U	180	280	360	ug/Kg
541-73-1	1,3-Dichlorobenzene	180	U	180	280	360	ug/Kg
106-46-7	1,4-Dichlorobenzene	190	U	190	280	360	ug/Kg
100-51-6	Benzyl Alcohol	180	U	180	580	710	ug/Kg
95-48-7	2-Methylphenol	170	U	170	280	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	200	U	200	280	360	ug/Kg
98-86-2	Acetophenone	190	U	190	280	360	ug/Kg
65794-96-9	3+4-Methylphenols	170	U	170	580	710	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	86.5	U	86.5	170	170	ug/Kg
67-72-1	Hexachloroethane	180	U	180	280	360	ug/Kg
98-95-3	Nitrobenzene	190	U	190	280	360	ug/Kg
78-59-1	Isophorone	180	U	180	280	360	ug/Kg
88-75-5	2-Nitrophenol	200	U	200	280	360	ug/Kg
105-67-9	2,4-Dimethylphenol	200	U	200	280	360	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	180	U	180	280	360	ug/Kg
120-83-2	2,4-Dichlorophenol	160	U	160	280	360	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	180	U	180	280	360	ug/Kg
65-85-0	Benzoic acid	510	U	510	580	710	ug/Kg
91-20-3	Naphthalene	180	U	180	280	360	ug/Kg
106-47-8	4-Chloroaniline	180	U	180	280	360	ug/Kg
87-68-3	Hexachlorobutadiene	180	U	180	280	360	ug/Kg
105-60-2	Caprolactam	190	U	190	580	710	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	170	280	360	ug/Kg
91-57-6	2-Methylnaphthalene	180	U	180	280	360	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-01(0-6)	SDG No.:	BG040124
Lab Sample ID:	P1879-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BG060731.D	2	3/28/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	330	U	330	580	710	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	280	360	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	280	360	ug/Kg
92-52-4	1,1-Biphenyl	190	U	190	280	360	ug/Kg
91-58-7	2-Chloronaphthalene	180	U	180	280	360	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	280	360	ug/Kg
131-11-3	Dimethylphthalate	180	U	180	280	360	ug/Kg
208-96-8	Acenaphthylene	190	U	190	280	360	ug/Kg
606-20-2	2,6-Dinitrotoluene	180	U	180	280	360	ug/Kg
99-09-2	3-Nitroaniline	190	U	190	280	360	ug/Kg
83-32-9	Acenaphthene	170	U	170	280	360	ug/Kg
Total PAH	Total PAH	5230	U	2840	280	5760	ug/Kg
51-28-5	2,4-Dinitrophenol	520	U	520	580	710	ug/Kg
100-02-7	4-Nitrophenol	250	U	250	580	710	ug/Kg
132-64-9	Dibenzofuran	180	U	180	280	360	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	370	U	370	280	720	ug/Kg
121-14-2	2,4-Dinitrotoluene	190	U	190	280	360	ug/Kg
84-66-2	Diethylphthalate	170	U	170	280	360	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180	U	180	280	360	ug/Kg
86-73-7	Fluorene	180	U	180	280	360	ug/Kg
100-01-6	4-Nitroaniline	230	U	230	280	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	U	250	580	710	ug/Kg
86-30-6	n-Nitrosodiphenylamine	180	U	180	280	360	ug/Kg
103-33-3	Azobenzene	170	U	170	280	360	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	280	360	ug/Kg
118-74-1	Hexachlorobenzene	180	U	180	280	360	ug/Kg
1912-24-9	Atrazine	200	U	200	280	360	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	580	710	ug/Kg
85-01-8	Phenanthrene	780		180	280	360	ug/Kg
120-12-7	Anthracene	180	U	180	280	360	ug/Kg
86-74-8	Carbazole	170	U	170	280	360	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	280	360	ug/Kg
206-44-0	Fluoranthene	700		180	280	360	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-01(0-6)	SDG No.:	BG040124
Lab Sample ID:	P1879-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060731.D	2	3/28/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	350	U	350	580	710	ug/Kg
129-00-0	Pyrene	1100		180	280	360	ug/Kg
85-68-7	Butylbenzylphthalate	210	U	210	280	360	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	580	710	ug/Kg
56-55-3	Benzo(a)anthracene	490		170	280	360	ug/Kg
218-01-9	Chrysene	550		170	280	360	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	U	200	280	360	ug/Kg
117-84-0	Di-n-octyl phthalate	240	U	240	580	710	ug/Kg
205-99-2	Benzo(b)fluoranthene	540		170	280	360	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	J	180	280	360	ug/Kg
50-32-8	Benzo(a)pyrene	440		200	280	360	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	J	170	280	360	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	U	170	280	360	ug/Kg
191-24-2	Benzo(g,h,i)perylene	240	J	170	280	360	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	190	280	360	ug/Kg
123-91-1	1,4-Dioxane	240	U	240	280	360	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	280	360	ug/Kg
90-12-0	1-Methylnaphthalene	180	U	180	360	360	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.732		18-112		46	SPK: -150
13127-88-3	Phenol-d6	71.422		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	49.114		18-107		49	SPK: -100
321-60-8	2-Fluorobiphenyl	51.374		20-109		51	SPK: -100
118-79-6	2,4,6-Tribromophenol	81.02		10-110		54	SPK: -150
1718-51-0	Terphenyl-d14	52.006		14-112		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90515	7.959				
1146-65-2	Naphthalene-d8	381444	10.755				
15067-26-2	Acenaphthene-d10	248953	14.586				
1517-22-2	Phenanthrene-d10	516748	17.336				
1719-03-5	Chrysene-d12	452465	21.602				
1520-96-3	Perylene-d12	414172	24.751				

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-01(0-6)	SDG No.:	BG040124
Lab Sample ID:	P1879-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BG060731.D	2	3/28/2024 12:00:00 AM	4/2/2024 12:00:00 AM	PB159835

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000110-82-7	Cyclohexane	160	J			3.106	
000994-05-8	Butane, 2-methoxy-2-methyl-	350	J			3.182	
000610-48-0	Anthracene, 1-methyl-	260	J			18.211	
000832-69-9	Phenanthrene, 1-methyl-	430	J			18.264	
	unknown18.405	280	J			18.405	
000832-64-4	Phenanthrene, 4-methyl-	170	J			18.441	
003674-66-6	Phenanthrene, 2,5-dimethyl-	240	J			19.134	
085385-68-8	[14]Annulene, 1,6:8,13-bis(methano	150	J			19.263	
033543-31-6	Fluoranthene, 2-methyl-	160	J			20.403	

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:	BELL-CONCRETE	SDG No.:	BG040124
Lab Sample ID:	P1935-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060732.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	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.9	100	ug/Kg

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:	BELL-CONCRETE	SDG No.:	BG040124
Lab Sample ID:	P1935-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060732.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
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794	U	794	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg

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:	BELL-CONCRETE	SDG No.:	BG040124
Lab Sample ID:	P1935-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060732.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
92-87-5	Benidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110		54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.699		18-112		46	SPK: -150
13127-88-3	Phenol-d6	73.341		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	55.853		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	54.752		20-109		55	SPK: -100
118-79-6	2,4,6-Tribromophenol	77.868		10-110		52	SPK: -150
1718-51-0	Terphenyl-d14	55.097		14-112		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89283	7.961				
1146-65-2	Naphthalene-d8	381519	10.758				
15067-26-2	Acenaphthene-d10	252022	14.589				
1517-22-2	Phenanthrene-d10	529544	17.333				
1719-03-5	Chrysene-d12	452988	21.604				
1520-96-3	Perylene-d12	401313	24.765				



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:	BELL-CONCRETE	SDG No.:	BG040124
Lab Sample ID:	P1935-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG060732.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
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Hit Summary Sheet SW-846

SDG No.: BG040124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : HS-01(0-6)								
P1879-13	HS-01(0-6)	Solid	[14]Annulene, 1,6:8,13-bis(metha *	150.000	J			
P1879-13	HS-01(0-6)	Solid	Anthracene, 1-methyl- *	260.000	J			
P1879-13	HS-01(0-6)	Solid	Butane, 2-methoxy-2-methyl- *	350.000	J			
P1879-13	HS-01(0-6)	Solid	Cyclohexane *	160.000	J			
P1879-13	HS-01(0-6)	Solid	Fluoranthene, 2-methyl- *	160.000	J			
P1879-13	HS-01(0-6)	Solid	Phenanthrene, 1-methyl- *	430.000	J			
P1879-13	HS-01(0-6)	Solid	Phenanthrene, 2,5-dimethyl- *	240.000	J			
P1879-13	HS-01(0-6)	Solid	Phenanthrene, 4-methyl- *	170.000	J			
P1879-13	HS-01(0-6)	Solid	unknown18.405 *	280.000	J			
Total Tics :				2,200.00				
P1879-13	HS-01(0-6)	Solid	Benzo(a)anthracene	490.000		170	360	ug/Kg
P1879-13	HS-01(0-6)	Solid	Benzo(a)pyrene	440.000		200	360	ug/Kg
P1879-13	HS-01(0-6)	Solid	Benzo(b)fluoranthene	540.000		170	360	ug/Kg
P1879-13	HS-01(0-6)	Solid	Benzo(g,h,i)perylene	240.000	J	170	360	ug/Kg
P1879-13	HS-01(0-6)	Solid	Benzo(k)fluoranthene	210.000	J	180	360	ug/Kg
P1879-13	HS-01(0-6)	Solid	Chrysene	550.000		170	360	ug/Kg
P1879-13	HS-01(0-6)	Solid	Fluoranthene	700.000		180	360	ug/Kg
P1879-13	HS-01(0-6)	Solid	Indeno(1,2,3-cd)pyrene	180.000	J	170	360	ug/Kg
P1879-13	HS-01(0-6)	Solid	Phenanthrene	780.000		180	360	ug/Kg
P1879-13	HS-01(0-6)	Solid	Pyrene	1,100.000		180	360	ug/Kg
Total Svoc :				5,230.00				
Total Concentration:				7,430.00				
Client ID : YANUZZI-GROUP								
P1880-01	YANUZZI-GROUP	Solid	1,4-Benzenedicarboxylic acid, bis *	2,200.000	J			
P1880-01	YANUZZI-GROUP	Solid	Butane, 2-methoxy-2-methyl- *	600.000	J			
Total Tics :				2,800.00				
P1880-01	YANUZZI-GROUP	Solid	Bis(2-ethylhexyl)phthalate	1,600.000		490	920	ug/Kg
P1880-01	YANUZZI-GROUP	Solid	Fluoranthene	440.000	J	440	920	ug/Kg
Total Svoc :				2,040.00				
Total Concentration:				4,840.00				
Client ID : RB40858RTDL								
P1894-04DL	RB40858RTDL	Solid	Bis(2-ethylhexyl)phthalate	140.000	JD	140	270	ug/Kg
P1894-04DL	RB40858RTDL	Solid	Pentachlorophenol	1,600.000	D	120	520	ug/Kg
Total Svoc :				1,740.00				
Total Concentration:				1,740.00				

Client ID : CCM-1

Hit Summary Sheet SW-846

SDG No.: BG040124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1913-01	CCM-1	Solid	2-Pentanone, 4-hydroxy-4-methyl *	9,000.000	A			
P1913-01	CCM-1	Solid	3-Penten-2-one, 4-methyl-	95.400	A			
P1913-01	CCM-1	Solid	Butane, 2-methoxy-2-methyl-	780.000	J			
P1913-01	CCM-1	Solid	Ethanol, 2-(2-butoxyethoxy)-	71.200	J			
P1913-01	CCM-1	Solid	Nonadecane, 9-methyl-	75.200	J			
Total Tics :				10,021.80				
Total Concentration:				10,021.80				
Client ID : WC-A-COMP								
P1915-01	WC-A-COMP	Solid	(S)-(+)-1,2-Propanediol *	220.000	J			
P1915-01	WC-A-COMP	Solid	1,4-Benzenedicarboxylic acid, bis *	91.300	J			
P1915-01	WC-A-COMP	Solid	1-Docosene *	130.000	J			
P1915-01	WC-A-COMP	Solid	3,5-Dimethoxybenzyl alcohol *	88.600	J			
P1915-01	WC-A-COMP	Solid	4H-Cyclopenta[def]phenanthrene *	190.000	J			
P1915-01	WC-A-COMP	Solid	Butane, 2-methoxy-2-methyl-	1,000.000	J			
P1915-01	WC-A-COMP	Solid	Cyclohexane *	120.000	J			
P1915-01	WC-A-COMP	Solid	Ethanol, 2-(2-butoxyethoxy)- *	170.000	J			
P1915-01	WC-A-COMP	Solid	n-Hexadecanoic acid *	400.000	J			
P1915-01	WC-A-COMP	Solid	Tris(2-chloropropyl) phosphate *	130.000	J			
Total Tics :				2,539.90				
P1915-01	WC-A-COMP	Solid	Anthracene	160.000	J	94.7	190	ug/Kg
P1915-01	WC-A-COMP	Solid	Benzo(a)anthracene	500.000		90.6	190	ug/Kg
P1915-01	WC-A-COMP	Solid	Benzo(a)pyrene	420.000		100	190	ug/Kg
P1915-01	WC-A-COMP	Solid	Benzo(b)fluoranthene	600.000		91	190	ug/Kg
P1915-01	WC-A-COMP	Solid	Benzo(g,h,i)perylene	190.000		89.9	190	ug/Kg
P1915-01	WC-A-COMP	Solid	Benzo(k)fluoranthene	200.000		92.7	190	ug/Kg
P1915-01	WC-A-COMP	Solid	Bis(2-ethylhexyl)phthalate	490.000		100	190	ug/Kg
P1915-01	WC-A-COMP	Solid	Chrysene	460.000		89.2	190	ug/Kg
P1915-01	WC-A-COMP	Solid	Fluoranthene	980.000		91.7	190	ug/Kg
P1915-01	WC-A-COMP	Solid	Indeno(1,2,3-cd)pyrene	180.000	J	87.6	190	ug/Kg
P1915-01	WC-A-COMP	Solid	Phenanthrene	810.000		94.3	190	ug/Kg
P1915-01	WC-A-COMP	Solid	Pyrene	890.000		93.1	190	ug/Kg
Total Svoc :				5,880.00				
Total Concentration:				8,419.90				
Client ID : CCM-2								
P1917-01	CCM-2	Solid	2-Pentanone, 4-hydroxy-4-methyl *	3,100.000	A			
P1917-01	CCM-2	Solid	3-Penten-2-one, 4-methyl-	130.000	A			
P1917-01	CCM-2	Solid	Butane, 2-methoxy-2-methyl-	800.000	J			
P1917-01	CCM-2	Solid	Di-sec-Butyl ether *	91.600	J			
P1917-01	CCM-2	Solid	Sulfurous acid, butyl hexadecyl es *	100.000	J			
Total Tics :				4,221.60				

Hit Summary Sheet SW-846

SDG No.: BG040124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				4,221.60				
Client ID : 72-11991								
P1927-01	72-11991	Solid	.beta.-Sitosterol	*	94.400	J		
P1927-01	72-11991	Solid	1,19-Eicosadiene	*	48.600	J		
P1927-01	72-11991	Solid	1,4-Benzenedicarboxylic acid, bis	*	140.000	J		
P1927-01	72-11991	Solid	9,10-Anthracenedione	*	50.100	J		
P1927-01	72-11991	Solid	Benzo[e]pyrene	*	63.500	J		
P1927-01	72-11991	Solid	Butane, 2-methoxy-2-methyl-	*	660.000	J		
P1927-01	72-11991	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	260.000	J		
P1927-01	72-11991	Solid	Heneicosane	*	85.100	J		
P1927-01	72-11991	Solid	Octacosanol	*	96.800	J		
P1927-01	72-11991	Solid	R-(-)-1,2-propanediol	*	67.300	J		
P1927-01	72-11991	Solid	Tridecanoic acid	*	110.000	J		
P1927-01	72-11991	Solid	unknown23.992	*	70.200	J		
Total Tics :				1,746.00				
P1927-01	72-11991	Solid	Benzo(b)fluoranthene		120.000		51.6	110 ug/Kg
P1927-01	72-11991	Solid	Chrysene		100.000	J	50.6	110 ug/Kg
P1927-01	72-11991	Solid	Fluoranthene		190.000		52	110 ug/Kg
P1927-01	72-11991	Solid	Phenanthrene		84.200	J	53.5	110 ug/Kg
P1927-01	72-11991	Solid	Pyrene		120.000		52.8	110 ug/Kg
Total Svoc :				614.20				
Total Concentration:				2,360.20				
Client ID : 72-11998								
P1927-03	72-11998	Solid	5-Eicosene, (E)-	*	120.000	J		
P1927-03	72-11998	Solid	9H-Fluoren-9-one	*	69.100	J		
P1927-03	72-11998	Solid	Butane, 2-methoxy-2-methyl-	*	740.000	J		
P1927-03	72-11998	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	150.000	J		
P1927-03	72-11998	Solid	n-Hexadecanoic acid	*	130.000	J		
P1927-03	72-11998	Solid	Squalene	*	56.200	J		
P1927-03	72-11998	Solid	Terephthalic acid, 3-methylbut-2-y	*	570.000	J		
P1927-03	72-11998	Solid	unknown3.684	*	97.700	J		
Total Tics :				1,933.00				
P1927-03	72-11998	Solid	Fluoranthene		120.000		54.4	110 ug/Kg
P1927-03	72-11998	Solid	Phenanthrene		200.000		56	110 ug/Kg
P1927-03	72-11998	Solid	Pyrene		80.800	J	55.3	110 ug/Kg
Total Svoc :				400.80				
Total Concentration:				2,333.80				
Client ID : BELL-CONCRETE								
P1935-01	BELL-CONCRETE	Solid	Bis(2-ethylhexyl)phthalate		110.000		54.5	100 ug/Kg

**Hit Summary Sheet
SW-846**

SDG No.: BG040124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :		110.00			
			Total Concentration:		110.00			
Client ID : TR-04-032924								
P1936-01	TR-04-032924	Solid	1-Docosene	*	120.000	J		
P1936-01	TR-04-032924	Solid	4H-Cyclopenta[def]phenanthrene	*	70.800	J		
P1936-01	TR-04-032924	Solid	9,10-Anthracenedione	*	50.200	J		
P1936-01	TR-04-032924	Solid	Benzo[e]pyrene	*	120.000	J		
P1936-01	TR-04-032924	Solid	Butane, 2-methoxy-2-methyl-	*	640.000	J		
P1936-01	TR-04-032924	Solid	cis-Chlordane	*	84.900	J		
P1936-01	TR-04-032924	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	160.000	J		
P1936-01	TR-04-032924	Solid	n-Hexadecanoic acid	*	170.000	J		
P1936-01	TR-04-032924	Solid	Phenanthrene, 2,5-dimethyl-	*	51.800	J		
P1936-01	TR-04-032924	Solid	Propylene Glycol	*	86.100	J		
			Total Tics :		1,553.80			
P1936-01	TR-04-032924	Solid	Benzo(a)anthracene		140.000		56.8	120 ug/Kg
P1936-01	TR-04-032924	Solid	Benzo(a)pyrene		140.000		65.4	120 ug/Kg
P1936-01	TR-04-032924	Solid	Benzo(b)fluoranthene		200.000		57.1	120 ug/Kg
P1936-01	TR-04-032924	Solid	Benzo(g,h,i)perylene		87.000	J	56.4	120 ug/Kg
P1936-01	TR-04-032924	Solid	Benzo(k)fluoranthene		70.800	J	58.1	120 ug/Kg
P1936-01	TR-04-032924	Solid	Chrysene		160.000		55.9	120 ug/Kg
P1936-01	TR-04-032924	Solid	Fluoranthene		370.000		57.5	120 ug/Kg
P1936-01	TR-04-032924	Solid	Indeno(1,2,3-cd)pyrene		74.500	J	55	120 ug/Kg
P1936-01	TR-04-032924	Solid	Phenanthrene		230.000		59.1	120 ug/Kg
P1936-01	TR-04-032924	Solid	Pyrene		330.000		58.4	120 ug/Kg
			Total Svoc :		1,802.30			
			Total Concentration:		3,356.10			
Client ID : 369								
P1937-03	369	Solid	13-Methyltetradecanal	*	150.000	J		
P1937-03	369	Solid	2-Bromo dodecane	*	62.700	J		
P1937-03	369	Solid	9,12-Octadecadienoic acid, methy	*	120.000	J		
P1937-03	369	Solid	Butane, 2-methoxy-2-methyl-	*	470.000	J		
P1937-03	369	Solid	Docosane, 5-butyl-	*	200.000	J		
P1937-03	369	Solid	Ethanol, 1-(2-butoxyethoxy)-	*	270.000	J		
P1937-03	369	Solid	Heptadecane	*	65.500	J		
P1937-03	369	Solid	Heptadecane, 9-hexyl-	*	510.000	J		
P1937-03	369	Solid	n-Hexadecanoic acid	*	130.000	J		
P1937-03	369	Solid	Nonadecane	*	74.600	J		
P1937-03	369	Solid	Octadecanal	*	160.000	J		
P1937-03	369	Solid	Octadecane	*	63.400	J		

Hit Summary Sheet SW-846

SDG No.: BG040124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1937-03	369	Solid	Oxalic acid, isobutyl tetradecyl e	*	590.000	J		
P1937-03	369	Solid	Tridecane, 1-iodo-	*	64.900	J		
			Total Tics :		2,931.10			
P1937-03	369	Solid	Fluoranthene		89.000	J 62.4	130	ug/Kg
P1937-03	369	Solid	Pyrene		94.900	J 63.4	130	ug/Kg
			Total Svoc :		183.90			
			Total Concentration:		3,115.00			
Client ID : PAT-02-032924								
P1938-01	PAT-02-032924	Solid	11H-Benzo[b]fluorene	*	500.000	J		
P1938-01	PAT-02-032924	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	1,100.000	J		
P1938-01	PAT-02-032924	Solid	4H-Cyclopenta[def]phenanthrene	*	2,300.000	J		
P1938-01	PAT-02-032924	Solid	9,10-Anthracenedione	*	500.000	J		
P1938-01	PAT-02-032924	Solid	9H-Fluoren-3-ol	*	410.000	J		
P1938-01	PAT-02-032924	Solid	9H-Fluorene, 1-methyl-	*	530.000	J		
P1938-01	PAT-02-032924	Solid	Benzo[e]pyrene	*	1,500.000	J		
P1938-01	PAT-02-032924	Solid	Butane, 2-methoxy-2-methyl-	*	870.000	J		
P1938-01	PAT-02-032924	Solid	di-p-Tolylacetylene	*	700.000	J		
P1938-01	PAT-02-032924	Solid	Ethanol, 2-(2-butoxyethoxy)-	*	360.000	J		
P1938-01	PAT-02-032924	Solid	Fluoranthene, 2-methyl-	*	440.000	J		
P1938-01	PAT-02-032924	Solid	Naphthalene, 2,3-dimethyl-	*	390.000	J		
P1938-01	PAT-02-032924	Solid	Naphthalene, 2-phenyl-	*	780.000	J		
P1938-01	PAT-02-032924	Solid	Naphtho[2,1-b]thiophene	*	640.000	J		
P1938-01	PAT-02-032924	Solid	Naphtho[2,3-b]norbornadiene	*	620.000	J		
P1938-01	PAT-02-032924	Solid	Phenanthrene, 1-methyl-	*	600.000	J		
P1938-01	PAT-02-032924	Solid	Phenanthrene, 2,5-dimethyl-	*	410.000	J		
P1938-01	PAT-02-032924	Solid	Phenanthrene, 2-methyl-	*	1,600.000	J		
P1938-01	PAT-02-032924	Solid	unknown19.187	*	480.000	J		
			Total Tics :		14,730.00			
P1938-01	PAT-02-032924	Solid	1-Methylnaphthalene		340.000	J 290	590	ug/Kg
P1938-01	PAT-02-032924	Solid	2-Methylnaphthalene		310.000	J 290	590	ug/Kg
P1938-01	PAT-02-032924	Solid	Acenaphthene		850.000	280	590	ug/Kg
P1938-01	PAT-02-032924	Solid	Anthracene		2,400.000	290	590	ug/Kg
P1938-01	PAT-02-032924	Solid	Benzo(a)anthracene		4,000.000	280	590	ug/Kg
P1938-01	PAT-02-032924	Solid	Benzo(a)pyrene		3,300.000	320	590	ug/Kg
P1938-01	PAT-02-032924	Solid	Benzo(b)fluoranthene		3,900.000	280	590	ug/Kg
P1938-01	PAT-02-032924	Solid	Benzo(g,h,i)perylene		1,000.000	280	590	ug/Kg
P1938-01	PAT-02-032924	Solid	Benzo(k)fluoranthene		1,600.000	290	590	ug/Kg
P1938-01	PAT-02-032924	Solid	Carbazole		570.000	J 280	590	ug/Kg
P1938-01	PAT-02-032924	Solid	Chrysene		3,700.000	280	590	ug/Kg
P1938-01	PAT-02-032924	Solid	Dibenzofuran		710.000	290	590	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BG040124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1938-01	PAT-02-032924	Solid	Fluoranthene	9,100.000		280	590	ug/Kg
P1938-01	PAT-02-032924	Solid	Fluorene	1,500.000		300	590	ug/Kg
P1938-01	PAT-02-032924	Solid	Indeno(1,2,3-cd)pyrene	900.000		270	590	ug/Kg
P1938-01	PAT-02-032924	Solid	Naphthalene	560.000	J	290	590	ug/Kg
P1938-01	PAT-02-032924	Solid	Phenanthrene	9,200.000		290	590	ug/Kg
P1938-01	PAT-02-032924	Solid	Pyrene	8,100.000		290	590	ug/Kg
P1938-01	PAT-02-032924	Solid	Total PAH	50,110.000		4600	9440	ug/Kg
Total Svoc :				102,150.00				
Total Concentration:				116,880.00				



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
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

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
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
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

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
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.: BG040124 SAS No.: BG040124 SDG NO.: BG040124

EPA Sample No.: SSTDICCC040 Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BG060703.D Time Analyzed: 11:49

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	PB159835BL	67287	7.96	287100	10.75	214523	14.58
02	PB159835BS	70788	7.96	319478	10.76	235487	14.59
03	PB159867BS	71367	7.96	314907	10.76	233861	14.59
04	CCM-1	54704	7.95	240774	10.75	188423	14.58
05	CCM-2	57657	7.95	255570	10.75	204354	14.58
06	PB159867BL	75708	7.96	322599	10.75	238047	14.59
07	RB40858RTDL	65999	7.96	314706	10.75	235613	14.58
08	72-11998	60267	7.96	287474	10.75	237669	14.58
09	72-11991	62882	7.96	306444	10.75	245913	14.58
10	72-11991MS	69230	7.96	326639	10.75	254791	14.58
11	72-11991MSD	65743	7.95	311725	10.76	247661	14.59
12	TR-04-032924	66317	7.95	317356	10.75	244446	14.58
13	WC-A-COMP	79878	7.96	370266	10.75	262571	14.58
14	WC-A-COMPMS	85707	7.96	385146	10.76	264770	14.59
15	WC-A-COMPMSD	78951	7.96	362744	10.76	253748	14.59
16	PAT-02-032924	69938	7.96	309020	10.76	212341	14.59
17	369	96314	7.96	412727	10.76	267033	14.59
18	YANUZZI-GROUP	82779	7.96	347266	10.76	226258	14.59
19	HS-01 (0-6)	90515	7.96	381444	10.76	248953	14.59
20	BELL-CONCRETE	89283	7.96	381519	10.76	252022	14.59



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040124 SAS No.: BG040124 SDG NO.: BG040124

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

Lab File ID: BG060703.D Time Analyzed: 02:23

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.



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040124 SAS No.: BG040124 SDG NO.: BG040124

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BG060710.D Time Analyzed: 11:49

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	57409	7.959	259174	10.76	194343	14.59
UPPER LIMIT	114818	8.459	518348	11.255	388686	15.086
LOWER LIMIT	28704.5	7.459	129587	10.255	97171.5	14.086
EPA SAMPLE NO.						
01 PB159835BL	67287	7.96	287100	10.75	214523	14.58
02 PB159835BS	70788	7.96	319478	10.76	235487	14.59
03 PB159867BS	71367	7.96	314907	10.76	233861	14.59
04 CCM-1	54704	7.95	240774	10.75	188423	14.58
05 CCM-2	57657	7.95	255570	10.75	204354	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.



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040124 SAS No.: BG040124 SDG NO.: BG040124

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BG060717.D Time Analyzed: 16:46

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	68762	7.958	302875	10.76	222711	14.59
	UPPER LIMIT	137524	8.458	605750	11.255	445422	15.086
	LOWER LIMIT	34381	7.458	151437.5	10.255	111355.5	14.086
	EPA SAMPLE NO.						
01	PB159867BL	75708	7.96	322599	10.75	238047	14.59
02	RB40858RTDL	65999	7.96	314706	10.75	235613	14.58
03	72-11998	60267	7.96	287474	10.75	237669	14.58
04	72-11991	62882	7.96	306444	10.75	245913	14.58
05	72-11991MS	69230	7.96	326639	10.75	254791	14.58
06	72-11991MSD	65743	7.95	311725	10.76	247661	14.59
07	TR-04-032924	66317	7.95	317356	10.75	244446	14.58
08	WC-A-COMP	79878	7.96	370266	10.75	262571	14.58
09	WC-A-COMPMS	85707	7.96	385146	10.76	264770	14.59
10	WC-A-COMPMSD	78951	7.96	362744	10.76	253748	14.59
11	PAT-02-032924	69938	7.96	309020	10.76	212341	14.59
12	369	96314	7.96	412727	10.76	267033	14.59
13	YANUZZI-GROUP	82779	7.96	347266	10.76	226258	14.59
14	HS-01 (0-6)	90515	7.96	381444	10.76	248953	14.59
15	BELL-CONCRETE	89283	7.96	381519	10.76	252022	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040124 SAS No.: BG040124 SDG NO.: BG040124

EPA Sample No.: SSTDICCC040 Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BG060703.D Time Analyzed: 11:49

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	PB159835BL	586052	17.33	591378	21.59	671415	24.73
02	PB159835BS	585958	17.34	543079	21.60	577027	24.73
03	PB159867BS	587310	17.34	544613	21.60	586171	24.74
04	CCM-1	502287	17.33	490590	21.59	560415	24.73
05	CCM-2	523535	17.33	496731	21.59	577021	24.72
06	PB159867BL	647315	17.33	637061	21.59	728375	24.73
07	RB40858RTDL	492142	17.33	458733	21.59	542151	24.73
08	72-11998	552676	17.33	517048	21.59	599003	24.72
09	72-11991	565105	17.33	529213	21.59	627164	24.72
10	72-11991MS	559485	17.33	528778	21.60	619157	24.73
11	72-11991MSD	552807	17.33	516888	21.60	603988	24.73
12	TR-04-032924	533477	17.33	493824	21.59	581497	24.73
13	WC-A-COMP	557683	17.33	501773	21.59	593738	24.74
14	WC-A-COMPMS	562895	17.34	499166	21.60	578085	24.74
15	WC-A-COMPMSD	541011	17.34	468387	21.60	533442	24.75
16	PAT-02-032924	451794	17.34	397425	21.60	471217	24.74
17	369	570803	17.34	505765	21.60	513945	24.74
18	YANUZZI-GROUP	474752	17.34	422552	21.60	404475	24.75
19	HS-01 (0-6)	516748	17.34	452465	21.60	414172	24.75
20	BELL-CONCRETE	529544	17.33	452988	21.60	401313	24.77

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040124 SAS No.: BG040124 SDG NO.: BG040124

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

Lab File ID: BG060703.D Time Analyzed: 02:23

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.: BG040124 SAS No.: BG040124 SDG NO.: BG040124

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BG060710.D Time Analyzed: 11:49

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	445429	17.336	401197	21.601	463187	24.739
UPPER LIMIT	890858	17.836	802394	22.101	926374	25.239
LOWER LIMIT	222714.5	16.836	200598.5	21.101	231593.5	24.239
EPA SAMPLE NO.						
01 PB159835BL	586052	17.33	591378	21.59	671415	24.73
02 PB159835BS	585958	17.34	543079	21.60	577027	24.73
03 PB159867BS	587310	17.34	544613	21.60	586171	24.74
04 CCM-1	502287	17.33	490590	21.59	560415	24.73
05 CCM-2	523535	17.33	496731	21.59	577021	24.72

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.: BG040124 SAS No.: BG040124 SDG NO.: BG040124

EPA Sample No.: SSTDCCC040 Date Analyzed: Apr 1 2024 12:00AM

Lab File ID: BG060717.D Time Analyzed: 16:46

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	496679	17.33	439254	21.595	507437	24.733
	UPPER LIMIT	993358	17.83	878508	22.095	1014874	25.233
	LOWER LIMIT	248339.5	16.83	219627	21.095	253718.5	24.233
	EPA SAMPLE NO.						
01	PB159867BL	647315	17.33	637061	21.59	728375	24.73
02	RB40858RTDL	492142	17.33	458733	21.59	542151	24.73
03	72-11998	552676	17.33	517048	21.59	599003	24.72
04	72-11991	565105	17.33	529213	21.59	627164	24.72
05	72-11991MS	559485	17.33	528778	21.60	619157	24.73
06	72-11991MSD	552807	17.33	516888	21.60	603988	24.73
07	TR-04-032924	533477	17.33	493824	21.59	581497	24.73
08	WC-A-COMP	557683	17.33	501773	21.59	593738	24.74
09	WC-A-COMPMS	562895	17.34	499166	21.60	578085	24.74
10	WC-A-COMPMSD	541011	17.34	468387	21.60	533442	24.75
11	PAT-02-032924	451794	17.34	397425	21.60	471217	24.74
12	369	570803	17.34	505765	21.60	513945	24.74
13	YANUZZI-GROUP	474752	17.34	422552	21.60	404475	24.75
14	HS-01 (0-6)	516748	17.34	452465	21.60	414172	24.75
15	BELL-CONCRETE	529544	17.33	452988	21.60	401313	24.77

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG040124 SAS No.: BG040124 SDG NO.: BG040124

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

Lab File ID: BG060717.D Time Analyzed: 02:23

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	496679	17.33	439254	21.595	507437	24.733
UPPER LIMIT	993358	17.83	878508	22.095	1014874	25.233
LOWER LIMIT	248339.5	16.83	219627	21.095	253718.5	24.233
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG040124

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159835BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	970	ug/Kg	57				28	98	
	Benzaldehyde	1700	200	ug/Kg	12				10	147	
	Aniline	1700	650	ug/Kg	38				38	100	
	Phenol	1700	1800	ug/Kg	106				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				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	1500	ug/Kg	88				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	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1400	ug/Kg	82				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	1700	ug/Kg	100				62	107	
	1,2,4-Trichlorobenzene	1700	1600	ug/Kg	94				44	110	
	Benzoic acid	1700	1400	ug/Kg	82				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	610	ug/Kg	36				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1600	ug/Kg	94				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	2800	ug/Kg	85				45	134	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	Total PAH	27200	25400	ug/Kg	93				57	104	
	2,4-Dinitrophenol	3300	3800	ug/Kg	115				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BG040124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB159835BS	4-Nitrophenol	3300	3900	ug/Kg	118				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	2,4-Dinitrotoluene/2,6-Dinitro	3400	3300	ug/Kg	97				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1800	ug/Kg	106		*		64	103	
	4,6-Dinitro-2-methylphenol	1700	1400	ug/Kg	82				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				56	107	
	Azobenzene	1700	1600	ug/Kg	94				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				55	99	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1300	ug/Kg	76				67	113	
	Pentachlorophenol	3300	3100	ug/Kg	94				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	790	ug/Kg	24				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				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	1500	ug/Kg	88				63	111	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				70	108	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				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.: BG040124

Client:

Analytical Method: 8270E

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB159867BS	n-Nitrosodimethylamine	1700	1400	ug/Kg	82				57	103	
	Pyridine	1700	970	ug/Kg	57				28	98	
	Benzaldehyde	1700	200	ug/Kg	12				10	147	
	Aniline	1700	630	ug/Kg	37		*		38	100	
	Phenol	1700	1800	ug/Kg	106				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112	
	1,2-Dichlorobenzene	1700	1600	ug/Kg	94				51	102	
	1,3-Dichlorobenzene	1700	1600	ug/Kg	94				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	1500	ug/Kg	88				55	104	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1500	ug/Kg	88				61	111	
	2,4-Dimethylphenol	1700	1400	ug/Kg	82				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	1500	ug/Kg	88				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	590	ug/Kg	35				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1700	ug/Kg	100				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	2900	ug/Kg	88				45	134	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1500	ug/Kg	88				57	103	
	2-Chloronaphthalene	1700	1600	ug/Kg	94				58	99	
	2-Nitroaniline	1700	1700	ug/Kg	100				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				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	4100	ug/Kg	124				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BG040124**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB159867BS	4-Nitrophenol	3300	4000	ug/Kg	121		*		48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene	1700	1800	ug/Kg	106				60	106	
	2,4-Dinitrotoluene/2,6-Dinitro	3400	3500	ug/Kg	103				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1500	ug/Kg	88				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1800	ug/Kg	106		*		64	103	
	4,6-Dinitro-2-methylphenol	1700	1500	ug/Kg	88				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				56	107	
	Azobenzene	1700	1600	ug/Kg	94				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				55	99	
	Hexachlorobenzene	1700	1600	ug/Kg	94				64	98	
	Atrazine	1700	1300	ug/Kg	76				67	113	
	Pentachlorophenol	3300	3200	ug/Kg	97				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	790	ug/Kg	24				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1600	ug/Kg	94				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	1500	ug/Kg	88				63	111	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				70	108	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				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	1800	ug/Kg	106				59	108	
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159835BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG040124

SAS No.: BG040124 SDG NO.: BG040124

Lab File ID: BG060711.D

Lab Sample ID: PB159835BL

Instrument ID: BNA_G

Date Extracted: 03/28/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/01/2024

Level: (low/med) LOW

Time Analyzed: 11:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159835BS	PB159835BS	BG060712.D	04/01/2024
YANUZZI-GROUP	P1880-01	BG060730.D	04/02/2024
HS-01 (0-6)	P1879-13	BG060731.D	04/02/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159867BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG040124

SAS No.: BG040124 SDG NO.: BG040124

Lab File ID: BG060718.D

Lab Sample ID: PB159867BL

Instrument ID: BNA_G

Date Extracted: 03/29/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/01/2024

Level: (low/med) LOW

Time Analyzed: 16:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159867BS	PB159867BS	BG060713.D	04/01/2024
CCM-1	P1913-01	BG060714.D	04/01/2024
CCM-2	P1917-01	BG060715.D	04/01/2024
WC-A-COMP	P1915-01	BG060725.D	04/01/2024
WC-A-COMPMS	P1915-01MS	BG060726.D	04/01/2024
WC-A-COMPMSD	P1915-01MSD	BG060727.D	04/01/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PAT-02-032924

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG040124

SAS No.: BG040124 SDG NO.: BG040124

Lab File ID: BG060728.D

Lab Sample ID: P1938-01

Instrument ID: BNA_G

Date Extracted: 04/01/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/01/2024

Level: (low/med) LOW

Time Analyzed: 23:41

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PAT-02-032924	P1938-01	BG060728.D	04/01/2024
369	P1937-03	BG060729.D	04/02/2024
BELL-CONCRETE	P1935-01	BG060732.D	04/02/2024
72-11998	P1927-03	BG060720.D	04/01/2024
72-11991	P1927-01	BG060721.D	04/01/2024
72-11991MS	P1927-01MS	BG060722.D	04/01/2024
72-11991MSD	P1927-01MSD	BG060723.D	04/01/2024
TR-04-032924	P1936-01	BG060724.D	04/01/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1927-01MS	Client Sample ID:	72-11991MS					DataFile:	BG060722.D		
n-Nitrosodimethylamine	1100		1100	ug/Kg	100				66	124	
Pyridine	1100		850	ug/Kg	77				45	119	
Benzaldehyde	1100		190	ug/Kg	17	*			26	163	
Aniline	1100		620	ug/Kg	56				10	88	
Phenol	1100		1100	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1100		930	ug/Kg	85				74	116	
2-Chlorophenol	1100		1100	ug/Kg	100				61	138	
1,2-Dichlorobenzene	1100		1000	ug/Kg	91				61	105	
1,3-Dichlorobenzene	1100		1000	ug/Kg	91				62	101	
1,4-Dichlorobenzene	1100		1000	ug/Kg	91				63	104	
Benzyl Alcohol	1100		1000	ug/Kg	91				47	126	
2-Methylphenol	1100		1000	ug/Kg	91				66	122	
2,2-oxybis(1-Chloropropane)	1100		980	ug/Kg	89				52	115	
Acetophenone	1100		950	ug/Kg	86				75	111	
3+4-Methylphenols	1100		1000	ug/Kg	91				53	132	
N-Nitroso-di-n-propylamine	1100		940	ug/Kg	85				59	119	
Hexachloroethane	1100		1000	ug/Kg	91				65	117	
Nitrobenzene	1100		940	ug/Kg	85				70	119	
Isophorone	1100		930	ug/Kg	85				76	122	
2-Nitrophenol	1100		1100	ug/Kg	100				54	145	
2,4-Dimethylphenol	1100		820	ug/Kg	75	*			83	144	
bis(2-Chloroethoxy)methane	1100		930	ug/Kg	85				68	112	
2,4-Dichlorophenol	1100		1100	ug/Kg	100				72	118	
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91				57	103	
Benzoic acid	1100		1200	ug/Kg	109	*			50	104	
Naphthalene	1100		980	ug/Kg	89				72	110	
4-Chloroaniline	1100		350	ug/Kg	32				10	100	
Hexachlorobutadiene	1100		980	ug/Kg	89				66	114	
Caprolactam	1100		1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100				57	132	
2-Methylnaphthalene	1100		970	ug/Kg	88				59	123	
Hexachlorocyclopentadiene	2100		1900	ug/Kg	90				10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		1000	ug/Kg	91				72	117	
1,1-Biphenyl	1100		980	ug/Kg	89				75	113	
2-Chloronaphthalene	1100		1000	ug/Kg	91				67	118	
2-Nitroaniline	1100		1100	ug/Kg	100				69	127	
Dimethylphthalate	1100		930	ug/Kg	85				70	113	
Acenaphthylene	1100		1000	ug/Kg	91				79	118	
2,6-Dinitrotoluene	1100		1000	ug/Kg	91				70	125	
3-Nitroaniline	1100		710	ug/Kg	65				20	111	
Acenaphthene	1100		1100	ug/Kg	100				70	121	
Total PAH	17600	0	17330	ug/Kg	98				70	121	
2,4-Dinitrophenol	2100		2600	ug/Kg	124				16	160	
4-Nitrophenol	2100		2400	ug/Kg	114				45	133	
Dibenzofuran	1100		970	ug/Kg	88				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040124

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2100	ug/Kg	95				55	128	
Diethylphthalate	1100		920	ug/Kg	84				70	112	
4-Chlorophenyl-phenylether	1100		920	ug/Kg	84				71	108	
Fluorene	1100		950	ug/Kg	86				68	116	
4-Nitroaniline	1100		1100	ug/Kg	100				55	120	
4,6-Dinitro-2-methylphenol	1100		1100	ug/Kg	100				32	145	
N-Nitrosodiphenylamine	1100		1000	ug/Kg	91				73	118	
Azobenzene	1100		950	ug/Kg	86				73	110	
4-Bromophenyl-phenylether	1100		1100	ug/Kg	100				65	121	
Hexachlorobenzene	1100		1100	ug/Kg	100				67	118	
Atrazine	1100		1100	ug/Kg	100				79	127	
Pentachlorophenol	2100		2300	ug/Kg	110				47	128	
Phenanthrene	1100	84.2	1100	ug/Kg	92				72	113	
Anthracene	1100		1000	ug/Kg	91				62	124	
Carbazole	1100		1000	ug/Kg	91				59	119	
Di-n-butylphthalate	1100		1000	ug/Kg	91				69	118	
Fluoranthene	1100	190	1200	ug/Kg	92				59	125	
Benzidine	2100		790	ug/Kg	38				10	119	
Pyrene	1100	120	1100	ug/Kg	89				52	128	
Butylbenzylphthalate	1100		1100	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1100		630	ug/Kg	57				10	164	
Benzo(a)anthracene	1100	0	1100	ug/Kg	100				71	114	
Chrysene	1100	100	1100	ug/Kg	91				57	121	
bis(2-Ethylhexyl)phthalate	1100		1000	ug/Kg	91				66	127	
Di-n-octyl phthalate	1100		1100	ug/Kg	100				71	126	
Benzo(b)fluoranthene	1100	120	1200	ug/Kg	98				67	121	
Benzo(k)fluoranthene	1100	0	1100	ug/Kg	100				74	114	
Benzo(a)pyrene	1100	0	1100	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1100		1100	ug/Kg	100				61	125	
Dibenz(a,h)anthracene	1100		1100	ug/Kg	100				67	130	
Benzo(g,h,i)perylene	1100		1100	ug/Kg	100				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91				69	124	
1,4-Dioxane	1100		870	ug/Kg	79				46	112	
2,3,4,6-Tetrachlorophenol	1100		1100	ug/Kg	100				56	133	
1-Methylnaphthalene	1100		970	ug/Kg	88				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1927-01MSD	Client Sample ID:	72-11991MSD					DataFile:	BG060723.D		
n-Nitrosodimethylamine	1100		700	ug/Kg	64	*	44	*	66	124	20
Pyridine	1100		590	ug/Kg	54		35	*	45	119	20
Benzaldehyde	1100		150	ug/Kg	14	*	19		26	163	20
Aniline	1100		400	ug/Kg	36		43	*	10	88	20
Phenol	1100		910	ug/Kg	83		19		67	126	20
bis(2-Chloroethyl)ether	1100		740	ug/Kg	67	*	24	*	74	116	20
2-Chlorophenol	1100		880	ug/Kg	80		22	*	61	138	20
1,2-Dichlorobenzene	1100		830	ug/Kg	75		19		61	105	20
1,3-Dichlorobenzene	1100		800	ug/Kg	73		22	*	62	101	20
1,4-Dichlorobenzene	1100		800	ug/Kg	73		22	*	63	104	20
Benzyl Alcohol	1100		810	ug/Kg	74		21	*	47	126	20
2-Methylphenol	1100		830	ug/Kg	75		19		66	122	20
2,2-oxybis(1-Chloropropane)	1100		780	ug/Kg	71		23	*	52	115	20
Acetophenone	1100		730	ug/Kg	66	*	26	*	75	111	20
3+4-Methylphenols	1100		820	ug/Kg	75		19		53	132	20
N-Nitroso-di-n-propylamine	1100		730	ug/Kg	66		25	*	59	119	20
Hexachloroethane	1100		830	ug/Kg	75		19		65	117	20
Nitrobenzene	1100		770	ug/Kg	70		19		70	119	20
Isophorone	1100		730	ug/Kg	66	*	25	*	76	122	20
2-Nitrophenol	1100		900	ug/Kg	82		20		54	145	20
2,4-Dimethylphenol	1100		660	ug/Kg	60	*	22	*	83	144	20
bis(2-Chloroethoxy)methane	1100		730	ug/Kg	66	*	25	*	68	112	20
2,4-Dichlorophenol	1100		910	ug/Kg	83		19		72	118	20
1,2,4-Trichlorobenzene	1100		820	ug/Kg	75		19		57	103	20
Benzoic acid	1100		940	ug/Kg	85		25	*	50	104	20
Naphthalene	1100		780	ug/Kg	71	*	23	*	72	110	20
4-Chloroaniline	1100		260	ug/Kg	24		29	*	10	100	20
Hexachlorobutadiene	1100		770	ug/Kg	70		24	*	66	114	20
Caprolactam	1100		830	ug/Kg	75		29	*	51	134	20
4-Chloro-3-methylphenol	1100		880	ug/Kg	80		22	*	57	132	20
2-Methylnaphthalene	1100		780	ug/Kg	71		21	*	59	123	20
Hexachlorocyclopentadiene	2100		1400	ug/Kg	67		29	*	10	175	20
2,4,6-Trichlorophenol	1100		890	ug/Kg	81		21	*	72	117	20
2,4,5-Trichlorophenol	1100		820	ug/Kg	75		19		72	117	20
1,1-Biphenyl	1100		770	ug/Kg	70	*	24	*	75	113	20
2-Chloronaphthalene	1100		800	ug/Kg	73		22	*	67	118	20
2-Nitroaniline	1100		860	ug/Kg	78		25	*	69	127	20
Dimethylphthalate	1100		720	ug/Kg	65	*	27	*	70	113	20
Acenaphthylene	1100		820	ug/Kg	75	*	19		79	118	20
2,6-Dinitrotoluene	1100		810	ug/Kg	74		21	*	70	125	20
3-Nitroaniline	1100		550	ug/Kg	50		26	*	20	111	20
Acenaphthene	1100		840	ug/Kg	76		27	*	70	121	20
Total PAH	17600	0	13450	ug/Kg	76		25	*	70	121	20
2,4-Dinitrophenol	2100		2000	ug/Kg	95		26	*	16	160	20
4-Nitrophenol	2100		1900	ug/Kg	90		24	*	45	133	20
Dibenzofuran	1100		770	ug/Kg	70	*	23	*	72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1100		880	ug/Kg	80		22	*	55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		1690	ug/Kg	77		21	*	55	128	20
Diethylphthalate	1100		720	ug/Kg	65	*	26	*	70	112	20
4-Chlorophenyl-phenylether	1100		740	ug/Kg	67	*	23	*	71	108	20
Fluorene	1100		760	ug/Kg	69		22	*	68	116	20
4-Nitroaniline	1100		840	ug/Kg	76		27	*	55	120	20
4,6-Dinitro-2-methylphenol	1100		870	ug/Kg	79		23	*	32	145	20
N-Nitrosodiphenylamine	1100		780	ug/Kg	71	*	25	*	73	118	20
Azobenzene	1100		750	ug/Kg	68	*	23	*	73	110	20
4-Bromophenyl-phenylether	1100		830	ug/Kg	75		29	*	65	121	20
Hexachlorobenzene	1100		830	ug/Kg	75		29	*	67	118	20
Atrazine	1100		820	ug/Kg	75	*	29	*	79	127	20
Pentachlorophenol	2100		1800	ug/Kg	86		24	*	47	128	20
Phenanthrene	1100	84.2	850	ug/Kg	70	*	27	*	72	113	20
Anthracene	1100		790	ug/Kg	72		23	*	62	124	20
Carbazole	1100		810	ug/Kg	74		21	*	59	119	20
Di-n-butylphthalate	1100		780	ug/Kg	71		25	*	69	118	20
Fluoranthene	1100	190	920	ug/Kg	66		33	*	59	125	20
Benzidine	2100		670	ug/Kg	32		17		10	119	20
Pyrene	1100	120	870	ug/Kg	68		27	*	52	128	20
Butylbenzylphthalate	1100		850	ug/Kg	77		26	*	64	126	20
3,3-Dichlorobenzidine	1100		470	ug/Kg	43		28	*	10	164	20
Benzo(a)anthracene	1100	0	840	ug/Kg	76		27	*	71	114	20
Chrysene	1100	100	860	ug/Kg	69		28	*	57	121	20
bis(2-Ethylhexyl)phthalate	1100		820	ug/Kg	75		19		66	127	20
Di-n-octyl phthalate	1100		860	ug/Kg	78		25	*	71	126	20
Benzo(b)fluoranthene	1100	120	930	ug/Kg	74		28	*	67	121	20
Benzo(k)fluoranthene	1100	0	850	ug/Kg	77		26	*	74	114	20
Benzo(a)pyrene	1100	0	840	ug/Kg	76		27	*	70	142	20
Indeno(1,2,3-cd)pyrene	1100		870	ug/Kg	79		23	*	61	125	20
Dibenz(a,h)anthracene	1100		830	ug/Kg	75		29	*	67	130	20
Benzo(g,h,i)perylene	1100		800	ug/Kg	73		31	*	53	140	20
1,2,4,5-Tetrachlorobenzene	1100		800	ug/Kg	73		22	*	69	124	20
1,4-Dioxane	1100		620	ug/Kg	56		34	*	46	112	20
2,3,4,6-Tetrachlorophenol	1100		850	ug/Kg	77		26	*	56	133	20
1-Methylnaphthalene	1100		780	ug/Kg	71		21	*	70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040124

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1915-01MS	Client Sample ID:	WC-A-COMPMS					DataFile:	BG060726.D		
n-Nitrosodimethylamine	1900		1500	ug/Kg	79				66	124	
Pyridine	1900		1200	ug/Kg	63				45	119	
Benzaldehyde	1900		390	ug/Kg	21	*			26	163	
Aniline	1900		730	ug/Kg	38				10	88	
Phenol	1900		2000	ug/Kg	105				67	126	
bis(2-Chloroethyl)ether	1900		1700	ug/Kg	89				74	116	
2-Chlorophenol	1900		2000	ug/Kg	105				61	138	
1,2-Dichlorobenzene	1900		1900	ug/Kg	100				61	105	
1,3-Dichlorobenzene	1900		1900	ug/Kg	100				62	101	
1,4-Dichlorobenzene	1900		1900	ug/Kg	100				63	104	
Benzyl Alcohol	1900		1800	ug/Kg	95				47	126	
2-Methylphenol	1900		1800	ug/Kg	95				66	122	
2,2-oxybis(1-Chloropropane)	1900		1800	ug/Kg	95				52	115	
Acetophenone	1900		1700	ug/Kg	89				75	111	
3+4-Methylphenols	1900		1800	ug/Kg	95				53	132	
N-Nitroso-di-n-propylamine	1900		1600	ug/Kg	84				59	119	
Hexachloroethane	1900		2000	ug/Kg	105				65	117	
Nitrobenzene	1900		1800	ug/Kg	95				70	119	
Isophorone	1900		1700	ug/Kg	89				76	122	
2-Nitrophenol	1900		2100	ug/Kg	111				54	145	
2,4-Dimethylphenol	1900		1500	ug/Kg	79	*			83	144	
bis(2-Chloroethoxy)methane	1900		1700	ug/Kg	89				68	112	
2,4-Dichlorophenol	1900		2100	ug/Kg	111				72	118	
1,2,4-Trichlorobenzene	1900		2000	ug/Kg	105	*			57	103	
Benzoic acid	1900		2100	ug/Kg	111	*			50	104	
Naphthalene	1900		1900	ug/Kg	100				72	110	
4-Chloroaniline	1900		550	ug/Kg	29				10	100	
Hexachlorobutadiene	1900		2000	ug/Kg	105				66	114	
Caprolactam	1900		1700	ug/Kg	89				51	134	
4-Chloro-3-methylphenol	1900		1800	ug/Kg	95				57	132	
2-Methylnaphthalene	1900		1800	ug/Kg	95				59	123	
Hexachlorocyclopentadiene	3700		2600	ug/Kg	70				10	175	
2,4,6-Trichlorophenol	1900		2200	ug/Kg	116				72	117	
2,4,5-Trichlorophenol	1900		1900	ug/Kg	100				72	117	
1,1-Biphenyl	1900		1900	ug/Kg	100				75	113	
2-Chloronaphthalene	1900		2000	ug/Kg	105				67	118	
2-Nitroaniline	1900		2000	ug/Kg	105				69	127	
Dimethylphthalate	1900		1700	ug/Kg	89				70	113	
Acenaphthylene	1900		1900	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1900		1900	ug/Kg	100				70	125	
3-Nitroaniline	1900		1400	ug/Kg	74				20	111	
Acenaphthene	1900		1900	ug/Kg	100				70	121	
Total PAH	30400	5390	33500	ug/Kg	110				70	121	
2,4-Dinitrophenol	3700		3000	ug/Kg	81				16	160	
4-Nitrophenol	3700		4300	ug/Kg	116				45	133	
Dibenzofuran	1900		1800	ug/Kg	95				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040124

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	3800		3900	ug/Kg	103				55	128	
2,4-Dinitrotoluene	1900		2000	ug/Kg	105				55	128	
Diethylphthalate	1900		1600	ug/Kg	84				70	112	
4-Chlorophenyl-phenylether	1900		1700	ug/Kg	89				71	108	
Fluorene	1900	0	1800	ug/Kg	95				68	116	
4-Nitroaniline	1900		1800	ug/Kg	95				55	120	
4,6-Dinitro-2-methylphenol	1900		1500	ug/Kg	79				32	145	
N-Nitrosodiphenylamine	1900		1900	ug/Kg	100				73	118	
Azobenzene	1900		1700	ug/Kg	89				73	110	
4-Bromophenyl-phenylether	1900		2000	ug/Kg	105				65	121	
Hexachlorobenzene	1900		2000	ug/Kg	105				67	118	
Atrazine	1900		2000	ug/Kg	105				79	127	
Pentachlorophenol	3700		4200	ug/Kg	114				47	128	
Phenanthrene	1900	810	2500	ug/Kg	89				72	113	
Anthracene	1900	160	2000	ug/Kg	97				62	124	
Carbazole	1900	0	1900	ug/Kg	100				59	119	
Di-n-butylphthalate	1900		1800	ug/Kg	95				69	118	
Fluoranthene	1900	980	2500	ug/Kg	80				59	125	
Benzydine	3700		810	ug/Kg	22				10	119	
Pyrene	1900	890	2600	ug/Kg	90				52	128	
Butylbenzylphthalate	1900		2200	ug/Kg	116				64	126	
3,3-Dichlorobenzidine	1900		1200	ug/Kg	63				10	164	
Benzo(a)anthracene	1900	500	2400	ug/Kg	100				71	114	
Chrysene	1900	460	2300	ug/Kg	97				57	121	
bis(2-Ethylhexyl)phthalate	1900	490	2400	ug/Kg	101				66	127	
Di-n-octyl phthalate	1900		2100	ug/Kg	111				71	126	
Benzo(b)fluoranthene	1900	600	2400	ug/Kg	95				67	121	
Benzo(k)fluoranthene	1900	200	2300	ug/Kg	111				74	114	
Benzo(a)pyrene	1900	420	2300	ug/Kg	99				70	142	
Indeno(1,2,3-cd)pyrene	1900	180	1800	ug/Kg	85				61	125	
Dibenz(a,h)anthracene	1900		1500	ug/Kg	79				67	130	
Benzo(g,h,i)perylene	1900	190	1400	ug/Kg	64				53	140	
1,2,4,5-Tetrachlorobenzene	1900		2100	ug/Kg	111				69	124	
1,4-Dioxane	1900		1300	ug/Kg	68				46	112	
2,3,4,6-Tetrachlorophenol	1900		2000	ug/Kg	105				56	133	
1-Methylnaphthalene	1900		1700	ug/Kg	89				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040124

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1915-01MSD	Client Sample ID:	WC-A-COMPMSD					DataFile:	BG060727.D		
n-Nitrosodimethylamine	1900		1500	ug/Kg	79		0		66	124	20
Pyridine	1900		1200	ug/Kg	63		0		45	119	20
Benzaldehyde	1900		390	ug/Kg	21	*	0		26	163	20
Aniline	1900		670	ug/Kg	35		8		10	88	20
Phenol	1900		2000	ug/Kg	105		0		67	126	20
bis(2-Chloroethyl)ether	1900		1600	ug/Kg	84		6		74	116	20
2-Chlorophenol	1900		2000	ug/Kg	105		0		61	138	20
1,2-Dichlorobenzene	1900		1900	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	1900		1900	ug/Kg	100		0		62	101	20
1,4-Dichlorobenzene	1900		1900	ug/Kg	100		0		63	104	20
Benzyl Alcohol	1900		1800	ug/Kg	95		0		47	126	20
2-Methylphenol	1900		1800	ug/Kg	95		0		66	122	20
2,2-oxybis(1-Chloropropane)	1900		1800	ug/Kg	95		0		52	115	20
Acetophenone	1900		1700	ug/Kg	89		0		75	111	20
3+4-Methylphenols	1900		1800	ug/Kg	95		0		53	132	20
N-Nitroso-di-n-propylamine	1900		1600	ug/Kg	84		0		59	119	20
Hexachloroethane	1900		2000	ug/Kg	105		0		65	117	20
Nitrobenzene	1900		1800	ug/Kg	95		0		70	119	20
Isophorone	1900		1600	ug/Kg	84		6		76	122	20
2-Nitrophenol	1900		2100	ug/Kg	111		0		54	145	20
2,4-Dimethylphenol	1900		1500	ug/Kg	79	*	0		83	144	20
bis(2-Chloroethoxy)methane	1900		1700	ug/Kg	89		0		68	112	20
2,4-Dichlorophenol	1900		2000	ug/Kg	105		6		72	118	20
1,2,4-Trichlorobenzene	1900		1900	ug/Kg	100		5		57	103	20
Benzoic acid	1900		2000	ug/Kg	105	*	6		50	104	20
Naphthalene	1900		1800	ug/Kg	95		5		72	110	20
4-Chloroaniline	1900		560	ug/Kg	29		0		10	100	20
Hexachlorobutadiene	1900		1900	ug/Kg	100		5		66	114	20
Caprolactam	1900		1700	ug/Kg	89		0		51	134	20
4-Chloro-3-methylphenol	1900		1900	ug/Kg	100		5		57	132	20
2-Methylnaphthalene	1900		1700	ug/Kg	89		7		59	123	20
Hexachlorocyclopentadiene	3700		2300	ug/Kg	62		12		10	175	20
2,4,6-Trichlorophenol	1900		2100	ug/Kg	111		4		72	117	20
2,4,5-Trichlorophenol	1900		1900	ug/Kg	100		0		72	117	20
1,1-Biphenyl	1900		1900	ug/Kg	100		0		75	113	20
2-Chloronaphthalene	1900		1900	ug/Kg	100		5		67	118	20
2-Nitroaniline	1900		2000	ug/Kg	105		0		69	127	20
Dimethylphthalate	1900		1700	ug/Kg	89		0		70	113	20
Acenaphthylene	1900		1900	ug/Kg	100		0		79	118	20
2,6-Dinitrotoluene	1900		1900	ug/Kg	100		0		70	125	20
3-Nitroaniline	1900		1400	ug/Kg	74		0		20	111	20
Acenaphthene	1900		1900	ug/Kg	100		0		70	121	20
Total PAH	30400	5390	32700	ug/Kg	108		2		70	121	20
2,4-Dinitrophenol	3700		2300	ug/Kg	62		27	*	16	160	20
4-Nitrophenol	3700		4200	ug/Kg	114		2		45	133	20
Dibenzofuran	1900		1800	ug/Kg	95		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG040124

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	3800		3900	ug/Kg	103		0		55	128	20
2,4-Dinitrotoluene	1900		2000	ug/Kg	105		0		55	128	20
Diethylphthalate	1900		1600	ug/Kg	84		0		70	112	20
4-Chlorophenyl-phenylether	1900		1700	ug/Kg	89		0		71	108	20
Fluorene	1900	0	1800	ug/Kg	95		0		68	116	20
4-Nitroaniline	1900		1800	ug/Kg	95		0		55	120	20
4,6-Dinitro-2-methylphenol	1900		1300	ug/Kg	68		15		32	145	20
N-Nitrosodiphenylamine	1900		1900	ug/Kg	100		0		73	118	20
Azobenzene	1900		1700	ug/Kg	89		0		73	110	20
4-Bromophenyl-phenylether	1900		2000	ug/Kg	105		0		65	121	20
Hexachlorobenzene	1900		2000	ug/Kg	105		0		67	118	20
Atrazine	1900		2000	ug/Kg	105		0		79	127	20
Pentachlorophenol	3700		4100	ug/Kg	111		3		47	128	20
Phenanthrene	1900	810	2400	ug/Kg	84		6		72	113	20
Anthracene	1900	160	2000	ug/Kg	97		0		62	124	20
Carbazole	1900	0	1900	ug/Kg	100		0		59	119	20
Di-n-butylphthalate	1900		1800	ug/Kg	95		0		69	118	20
Fluoranthene	1900	980	2400	ug/Kg	75		6		59	125	20
Benzidine	3700		980	ug/Kg	26		17		10	119	20
Pyrene	1900	890	2600	ug/Kg	90		0		52	128	20
Butylbenzylphthalate	1900		2100	ug/Kg	111		4		64	126	20
3,3-Dichlorobenzidine	1900		1300	ug/Kg	68		8		10	164	20
Benzo(a)anthracene	1900	500	2300	ug/Kg	95		5		71	114	20
Chrysene	1900	460	2300	ug/Kg	97		0		57	121	20
bis(2-Ethylhexyl)phthalate	1900	490	2300	ug/Kg	95		6		66	127	20
Di-n-octyl phthalate	1900		2100	ug/Kg	111		0		71	126	20
Benzo(b)fluoranthene	1900	600	2400	ug/Kg	95		0		67	121	20
Benzo(k)fluoranthene	1900	200	2300	ug/Kg	111		0		74	114	20
Benzo(a)pyrene	1900	420	2200	ug/Kg	94		5		70	142	20
Indeno(1,2,3-cd)pyrene	1900	180	1600	ug/Kg	75		13		61	125	20
Dibenz(a,h)anthracene	1900		1400	ug/Kg	74		7		67	130	20
Benzo(g,h,i)perylene	1900	190	1400	ug/Kg	64		0		53	140	20
1,2,4,5-Tetrachlorobenzene	1900		2000	ug/Kg	105		6		69	124	20
1,4-Dioxane	1900		1300	ug/Kg	68		0		46	112	20
2,3,4,6-Tetrachlorophenol	1900		2000	ug/Kg	105		0		56	133	20
1-Methylnaphthalene	1900		1700	ug/Kg	89		0		70	130	20

Surrogate Summary

SW-846

SDG No.: BG040124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1879-13	HS-01(0-6)	BG060731.D	2-Fluorophenol	150	69.73	46		18	112
			Phenol-d6	150	71.42	48		15	107
			Nitrobenzene-d5	100	49.11	49		18	107
			2-Fluorobiphenyl	100	51.37	51		20	109
			2,4,6-Tribromophenol	150	81.02	54		10	110
			Terphenyl-d14	100	52.01	52		14	112
P1880-01	YANUZZI-GROUP	BG060730.D	2-Fluorophenol	150	80.94	54		18	112
			Phenol-d6	150	81.50	54		15	107
			Nitrobenzene-d5	100	55.13	55		18	107
			2-Fluorobiphenyl	100	61.51	62		20	109
			2,4,6-Tribromophenol	150	92.20	61		10	110
			Terphenyl-d14	100	60.30	60		14	112
P1894-04DL	RB40858RTDL	BG060719.D	2-Fluorophenol	150	125.92	84		18	112
			Phenol-d6	150	108.77	73		15	107
			Nitrobenzene-d5	100	62.95	63		18	107
			2-Fluorobiphenyl	100	67.12	67		20	109
			2,4,6-Tribromophenol	150	105.13	70		10	110
			Terphenyl-d14	100	65.64	66		14	112
PB159835BL	PB159835BL	BG060711.D	2-Fluorophenol	150	131.53	88		18	112
			Phenol-d6	150	126.59	84		15	107
			Nitrobenzene-d5	100	79.82	80		18	107
			2-Fluorobiphenyl	100	81.60	82		20	109
			2,4,6-Tribromophenol	150	123.58	82		10	110
			Terphenyl-d14	100	77.98	78		14	112
PB159835BS	PB159835BS	BG060712.D	2-Fluorophenol	150	150.70	100		18	112
			Phenol-d6	150	143.75	96		15	107
			Nitrobenzene-d5	100	88.34	88		18	107
			2-Fluorobiphenyl	100	87.09	87		20	109
			2,4,6-Tribromophenol	150	153.31	102		10	110
			Terphenyl-d14	100	82.41	82		14	112

Surrogate Summary

SW-846

SDG No.: BG040124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1913-01	CCM-1	BG060714.D	2-Fluorophenol	150	52.22	35		18	112
			Phenol-d6	150	58.87	39		15	107
			Nitrobenzene-d5	100	47.20	47		18	107
			2-Fluorobiphenyl	100	47.15	47		20	109
			2,4,6-Tribromophenol	150	34.76	23		10	110
			Terphenyl-d14	100	51.21	51		14	112
P1915-01	WC-A-COMP	BG060725.D	2-Fluorophenol	150	114.49	76		18	112
			Phenol-d6	150	118.61	79		15	107
			Nitrobenzene-d5	100	78.35	78		18	107
			2-Fluorobiphenyl	100	64.06	64		20	109
			2,4,6-Tribromophenol	150	116.47	78		10	110
			Terphenyl-d14	100	62.19	62		14	112
P1915-01MS	WC-A-COMPMS	BG060726.D	2-Fluorophenol	150	106.90	71		18	112
			Phenol-d6	150	107.49	72		15	107
			Nitrobenzene-d5	100	75.25	75		18	107
			2-Fluorobiphenyl	100	61.86	62		20	109
			2,4,6-Tribromophenol	150	112.29	75		10	110
			Terphenyl-d14	100	60.08	60		14	112
P1915-01MSD	WC-A-COMPMSD	BG060727.D	2-Fluorophenol	150	105.48	70		18	112
			Phenol-d6	150	105.78	71		15	107
			Nitrobenzene-d5	100	73.20	73		18	107
			2-Fluorobiphenyl	100	59.58	60		20	109
			2,4,6-Tribromophenol	150	107.63	72		10	110
			Terphenyl-d14	100	58.79	59		14	112
P1917-01	CCM-2	BG060715.D	2-Fluorophenol	150	84.85	57		18	112
			Phenol-d6	150	84.65	56		15	107
			Nitrobenzene-d5	100	49.13	49		18	107
			2-Fluorobiphenyl	100	50.68	51		20	109
			2,4,6-Tribromophenol	150	66.91	45		10	110
			Terphenyl-d14	100	55.03	55		14	112
PB159867BL	PB159867BL	BG060718.D	2-Fluorophenol	150	137.04	91		18	112
			Phenol-d6	150	127.24	85		15	107
			Nitrobenzene-d5	100	84.53	85		18	107
			2-Fluorobiphenyl	100	80.96	81		20	109
			2,4,6-Tribromophenol	150	144.69	96		10	110
			Terphenyl-d14	100	77.20	77		14	112
PB159867BS	PB159867BS	BG060713.D	2-Fluorophenol	150	149.34	100		18	112
			Phenol-d6	150	143.63	96		15	107
			Nitrobenzene-d5	100	94.03	94		18	107
			2-Fluorobiphenyl	100	87.34	87		20	109
			2,4,6-Tribromophenol	150	152.59	102		10	110
			Terphenyl-d14	100	81.48	81		14	112

Surrogate Summary

SW-846

SDG No.: BG040124

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1927-01	72-11991	BG060721.D	2-Fluorophenol	150	95.22	63		18	112
			Phenol-d6	150	96.70	64		15	107
			Nitrobenzene-d5	100	56.54	57		18	107
			2-Fluorobiphenyl	100	55.63	56		20	109
			2,4,6-Tribromophenol	150	102.90	69		10	110
			Terphenyl-d14	100	59.17	59		14	112
P1927-01MS	72-11991MS	BG060722.D	2-Fluorophenol	150	100.81	67		18	112
			Phenol-d6	150	98.85	66		15	107
			Nitrobenzene-d5	100	61.10	61		18	107
			2-Fluorobiphenyl	100	58.71	59		20	109
			2,4,6-Tribromophenol	150	106.92	71		10	110
			Terphenyl-d14	100	61.21	61		14	112
P1927-01MSD	72-11991MSD	BG060723.D	2-Fluorophenol	150	93.12	62		18	112
			Phenol-d6	150	88.22	59		15	107
			Nitrobenzene-d5	100	55.23	55		18	107
			2-Fluorobiphenyl	100	51.09	51		20	109
			2,4,6-Tribromophenol	150	93.86	63		10	110
			Terphenyl-d14	100	53.64	54		14	112
P1927-03	72-11998	BG060720.D	2-Fluorophenol	150	103.09	69		18	112
			Phenol-d6	150	86.19	57		15	107
			Nitrobenzene-d5	100	50.13	50		18	107
			2-Fluorobiphenyl	100	47.15	47		20	109
			2,4,6-Tribromophenol	150	87.59	58		10	110
			Terphenyl-d14	100	49.85	50		14	112
P1935-01	BELL-CONCRETE	BEG060732.D	2-Fluorophenol	150	69.70	46		18	112
			Phenol-d6	150	73.34	49		15	107
			Nitrobenzene-d5	100	55.85	56		18	107
			2-Fluorobiphenyl	100	54.75	55		20	109
			2,4,6-Tribromophenol	150	77.87	52		10	110
			Terphenyl-d14	100	55.10	55		14	112
P1936-01	TR-04-032924	BG060724.D	2-Fluorophenol	150	79.85	53		18	112
			Phenol-d6	150	87.71	58		15	107
			Nitrobenzene-d5	100	54.94	55		18	107
			2-Fluorobiphenyl	100	47.40	47		20	109
			2,4,6-Tribromophenol	150	86.72	58		10	110
			Terphenyl-d14	100	46.07	46		14	112
P1937-03	369	BG060729.D	2-Fluorophenol	150	68.50	46		18	112
			Phenol-d6	150	67.57	45		15	107
			Nitrobenzene-d5	100	49.11	49		18	107
			2-Fluorobiphenyl	100	46.91	47		20	109
			2,4,6-Tribromophenol	150	76.10	51		10	110
			Terphenyl-d14	100	43.69	44		14	112
P1938-01	PAT-02-032924	BG060728.D	2-Fluorophenol	150	115.82	77		18	112
			Phenol-d6	150	115.22	77		15	107
			Nitrobenzene-d5	100	78.32	78		18	107
			2-Fluorobiphenyl	100	78.06	78		20	109
			2,4,6-Tribromophenol	150	127.00	85		10	110
			Terphenyl-d14	100	80.44	80		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG040124

Lab Code: CHEM

SAS No.: BG040124

SDG NO.: BG040124

Lab File ID: BG060709.D

DFTPP Injection Date: 04/01/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	34.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	41.9
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	7.1
275	10.0 - 60.0% of mass 198	30.1
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	87.8
443	15.0 - 24.0% of mass 442	16.2 (18.5) 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	BG060710.D	04/01/2024	11:08
PB159835BL	PB159835BL	BG060711.D	04/01/2024	11:49
PB159835BS	PB159835BS	BG060712.D	04/01/2024	12:30
PB159867BS	PB159867BS	BG060713.D	04/01/2024	13:11
CCM-1	P1913-01	BG060714.D	04/01/2024	13:56
CCM-2	P1917-01	BG060715.D	04/01/2024	14:37

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG040124

Lab Code: CHEM

SAS No.: BG040124

SDG NO.: BG040124

Lab File ID: BG060716.D

DFTPP Injection Date: 04/01/2024

Instrument ID: BNA_G

DFTPP Injection Time: 15:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46
68	Less than 2.0% of mass 69	0.2 (0.6) 1
69	Mass 69 relative abundance	33.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	40.9
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	29.6
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	13.8
442	Greater than 50% of mass 198	90.1
443	15.0 - 24.0% of mass 442	17.6 (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	BG060717.D	04/01/2024	16:05
PB159867BL	PB159867BL	BG060718.D	04/01/2024	16:46
RB40858RTDL	P1894-04DL	BG060719.D	04/01/2024	17:31
72-11998	P1927-03	BG060720.D	04/01/2024	18:12
72-11991	P1927-01	BG060721.D	04/01/2024	18:53
72-11991MS	P1927-01MS	BG060722.D	04/01/2024	19:34
72-11991MSD	P1927-01MSD	BG060723.D	04/01/2024	20:15
TR-04-032924	P1936-01	BG060724.D	04/01/2024	20:56
WC-A-COMP	P1915-01	BG060725.D	04/01/2024	21:37
WC-A-COMPMS	P1915-01MS	BG060726.D	04/01/2024	22:19
WC-A-COMPMSD	P1915-01MSD	BG060727.D	04/01/2024	23:00
PAT-02-032924	P1938-01	BG060728.D	04/01/2024	23:41
369	P1937-03	BG060729.D	04/02/2024	00:21
YANUZZI-GROUP	P1880-01	BG060730.D	04/02/2024	01:02
HS-01(0-6)	P1879-13	BG060731.D	04/02/2024	01:43
BELL-CONCRETE	P1935-01	BG060732.D	04/02/2024	02:23