

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN041924 SAS No.: BN041924 SDG No.: BN041924

Instrument ID: BNA_N Calibration Date/Time: 4/20/2024 1:01:00

Lab File ID: BN031054.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020368 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.454	0.448	0.010	-1.199	40.0
Benzaldehyde	0.828	1.060	0.010	28.0124	40.0
Pyridine	1.244	1.346	0.010	8.2282	40.0
Phenol	1.739	1.900	0.080	9.2236	20.0
Bis(2-Chloroethyl)ether	1.372	1.503	0.100	9.483	20.0
2-Chlorophenol	1.365	1.523	0.200	11.5723	20.0
2-Methylphenol	1.348	1.436	0.010	6.562	20.0
2,2-oxybis(1-Chloropropane)	1.789	1.981	0.010	10.7128	40.0
Acetophenone	2.198	2.445	0.060	11.2308	20.0
4-Methylphenol	1.510	1.603	0.010	6.162	20.0
N-Nitroso-di-n-propylamine	1.096	1.197	0.050	9.2195	30.0
Hexachloroethane	0.567	0.623	0.100	10.0397	20.0
Nitrobenzene	0.339	0.373	0.050	9.8989	25.0
Isophorone	0.692	0.740	0.050	6.9699	25.0
2-Nitrophenol	0.165	0.182	0.050	10.0432	25.0
2,4-Dimethylphenol	0.337	0.357	0.050	6.0243	25.0
Bis(2-Chloroethoxy)methane	0.420	0.455	0.050	8.2167	20.0
2,4-Dichlorophenol	0.294	0.320	0.060	8.8062	20.0
Naphthalene	1.037	1.129	0.200	8.9592	20.0
4-Chloroaniline	0.447	0.485	0.010	8.4618	40.0
Hexachlorobutadiene	0.179	0.194	0.040	7.9074	30.0
Caprolactam	0.116	0.116	0.010	0.2605	40.0
4-Chloro-3-methylphenol	0.341	0.366	0.040	7.3775	25.0
1-Methylnaphthalene	0.740	0.802	0.100	8.4436	20.0
2-Methylnaphthalene	0.731	0.791	0.100	8.1842	20.0
Hexachlorocyclopentadiene	0.287	0.295	0.010	2.6353	40.0
2,4,6-Trichlorophenol	0.348	0.382	0.090	9.5345	25.0
2,4,5-Trichlorophenol	0.386	0.424	0.100	9.7352	25.0
1,1-Biphenyl	1.376	1.490	0.200	8.3122	20.0
2-Chloronaphthalene	1.099	1.195	0.300	8.7092	20.0
2-Nitroaniline	0.303	0.327	0.050	7.6628	40.0
Dimethylphthalate	1.436	1.519	0.300	5.7896	20.0
2,6-Dinitrotoluene	0.270	0.297	0.080	10.0198	30.0
Acenaphthylene	1.842	2.003	0.400	8.7507	20.0
3-Nitroaniline	0.309	0.340	0.010	9.7951	40.0
Acenaphthene	1.221	1.329	0.200	8.7864	20.0
2,4-Dinitrophenol	0.152	0.137	0.010	-10.1017	40.0
4-Nitrophenol	0.236	0.249	0.010	5.601	40.0
Dibenzofuran	1.689	1.829	0.300	8.3313	20.0

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Lab Code: CHEM Case No.: BN041924 SAS No.: BN041924 SDG No.: BN041924

Instrument ID: BNA_N Calibration Date/Time: 4/20/2024 1:01:00

Lab File ID: BN031054.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020368 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.410	0.453	0.070	10.5098	30.0
Diethylphthalate	1.477	1.622	0.300	9.8633	20.0
Fluorene	1.390	1.511	0.200	8.7561	20.0
4-Chlorophenyl-phenylether	0.662	0.724	0.100	9.3979	20.0
4-Nitroaniline	0.334	0.373	0.010	11.8147	40.0
4,6-Dinitro-2-methylphenol	0.108	0.112	0.010	3.6498	40.0
N-Nitrosodiphenylamine	0.536	0.588	0.050	9.6372	20.0
1,2,4,5-Tetrachlorobenzene	0.523	0.565	0.100	7.8688	20.0
4-Bromophenyl-phenylether	0.189	0.201	0.070	6.3463	20.0
Hexachlorobenzene	0.218	0.238	0.050	9.0869	25.0
Atrazine	0.188	0.211	0.010	12.2135	25.0
Pentachlorophenol	0.142	0.147	0.010	3.6228	40.0
Phenanthrene	1.058	1.149	0.200	8.6543	20.0
Pentachlorobenzene	0.242	0.261	0.050	7.8368	20.0
Anthracene	1.071	1.175	0.200	9.7808	20.0
1,2,3,4-Tetrachlorobenzene	0.235	0.258	0.050	10.1063	20.0
Carbazole	0.978	1.106	0.050	13.1063	40.0
Di-n-butylphthalate	1.192	1.331	0.500	11.6328	25.0
Fluoranthene	1.163	1.236	0.400	6.2754	25.0
Pyrene	1.222	1.345	0.400	10.0261	25.0
Butylbenzylphthalate	0.539	0.575	0.100	6.5705	40.0
3,3-Dichlorobenzidine	0.417	0.473	0.010	13.4464	40.0
Benzo (a) anthracene	1.358	1.468	0.300	8.0603	30.0
Chrysene	1.289	1.382	0.200	7.1968	30.0
Bis (2-ethylhexyl) phthalate	0.810	0.881	0.200	8.7571	40.0
Di-n-octyl phthalate	1.153	1.220	0.010	5.8598	40.0
Benzo (b) fluoranthene	1.125	1.204	0.200	7.0254	25.0
Benzo (k) fluoranthene	1.132	1.260	0.200	11.3303	25.0
Benzo (a) pyrene	1.123	1.198	0.200	6.7097	20.0
Indeno (1,2,3-cd) pyrene	1.393	1.503	0.200	7.9194	25.0
Dibenzo (a,h) anthracene	1.143	1.240	0.200	8.4663	30.0
Benzo (g,h,i) perylene	1.122	1.196	0.200	6.6486	30.0
2,3,4,6-Tetrachlorophenol	0.334	0.373	0.040	11.63	20.0
1,4-Dioxane-d8	0.428	0.436	0.010	1.8289	25.0
Pyridine-d5	1.233	1.377	0.010	11.7188	40.0
Phenol-d5	1.687	1.805	0.010	6.9933	25.0
Bis- (2-Chloroethyl) ether-d8	0.982	1.092	0.050	11.2981	25.0
2-Chlorophenol-d4	1.314	1.434	0.200	9.1328	20.0
4-Methylphenol-d8	1.419	1.517	0.010	6.8951	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN041924 SAS No.: BN041924 SDG No.: BN041924

Instrument ID: BNA_N Calibration Date/Time: 4/20/2024 1:01:00

Lab File ID: BN031054.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020368 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.156	0.050	8.8897	20.0
2-Nitrophenol-d4	0.149	0.162	0.050	8.5748	30.0
2,4-Dichlorophenol-d3	0.295	0.318	0.060	7.9604	20.0
4-Chloroaniline-d4	0.460	0.497	0.010	8.0106	40.0
Dimethylphthalate-d6	1.392	1.490	0.300	7.0731	20.0
Acenaphthylene-d8	1.577	1.729	0.400	9.6494	20.0
4-Nitrophenol-d4	0.290	0.311	0.010	6.9137	40.0
Fluorene-d10	1.212	1.319	0.100	8.8553	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.103	0.010	1.6795	40.0
Anthracene-d10	0.867	0.955	0.300	10.1192	20.0
Pyrene-d10	0.983	1.048	0.300	6.6147	25.0
Benzo(a)pyrene-d12	0.948	1.011	0.010	6.5599	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN041924 SAS No.: BN041924 SDG No.: BN041924

Instrument ID: BNA_N Calibration Date/Time: 4/19/2024 1:22:22

Lab File ID: BN031051.D Init. Calib. Date(s): _____

EPA Sample No.: SICV223 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.454	0.456	0.010	0.5954	40.0
Benzaldehyde	0.828	1.035	0.010	24.9917	40.0
Pyridine	1.244	1.295	0.010	4.0639	40.0
Phenol	1.739	1.806	0.080	3.8516	20.0
Bis(2-Chloroethyl) ether	1.372	1.457	0.100	6.1814	20.0
2-Chlorophenol	1.365	1.464	0.200	7.209	20.0
2-Methylphenol	1.348	1.424	0.010	5.6314	20.0
2,2-oxybis(1-Chloropropane)	1.789	1.949	0.010	8.9357	40.0
Acetophenone	2.198	2.407	0.060	9.4906	20.0
4-Methylphenol	1.510	1.575	0.010	4.3119	20.0
N-Nitroso-di-n-propylamine	1.096	1.198	0.050	9.3101	30.0
Hexachloroethane	0.567	0.603	0.100	6.5059	20.0
Nitrobenzene	0.339	0.365	0.050	7.6331	25.0
Isophorone	0.692	0.743	0.050	7.3041	25.0
2-Nitrophenol	0.165	0.182	0.050	10.0888	25.0
2,4-Dimethylphenol	0.337	0.364	0.050	8.0932	25.0
Bis(2-Chloroethoxy) methane	0.420	0.454	0.050	7.9466	20.0
2,4-Dichlorophenol	0.294	0.320	0.060	8.6078	20.0
Naphthalene	1.037	1.111	0.200	7.1975	20.0
4-Chloroaniline	0.447	0.486	0.010	8.5506	40.0
Hexachlorobutadiene	0.179	0.192	0.040	6.9881	30.0
Caprolactam	0.116	0.119	0.010	2.2568	40.0
4-Chloro-3-methylphenol	0.341	0.371	0.040	8.7099	25.0
1-Methylnaphthalene	0.740	0.792	0.100	7.045	20.0
2-Methylnaphthalene	0.731	0.788	0.100	7.8089	20.0
Hexachlorocyclopentadiene	0.287	0.284	0.010	-1.0465	40.0
2,4,6-Trichlorophenol	0.348	0.366	0.090	5.01	25.0
2,4,5-Trichlorophenol	0.386	0.411	0.100	6.4115	25.0
1,1-Biphenyl	1.376	1.434	0.200	4.2239	20.0
2-Chloronaphthalene	1.099	1.156	0.300	5.1994	20.0
2-Nitroaniline	0.303	0.325	0.050	7.1246	40.0
Dimethylphthalate	1.436	1.514	0.300	5.4563	20.0
2,6-Dinitrotoluene	0.270	0.294	0.080	9.0985	30.0
Acenaphthylene	1.842	1.965	0.400	6.6547	20.0
3-Nitroaniline	0.309	0.336	0.010	8.7208	40.0
Acenaphthene	1.221	1.295	0.200	6.0597	20.0
2,4-Dinitrophenol	0.152	0.136	0.010	-10.4638	40.0
4-Nitrophenol	0.236	0.253	0.010	7.2877	40.0
Dibenzofuran	1.689	1.782	0.300	5.5541	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN041924 SAS No.: BN041924 SDG No.: BN041924

Instrument ID: BNA_N Calibration Date/Time: 4/19/2024 1: 22:22

Lab File ID: BN031051.D Init. Calib. Date(s): _____

EPA Sample No.: SICV223 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.410	0.457	0.070	11.4746	30.0
Diethylphthalate	1.477	1.560	0.300	5.6753	20.0
Fluorene	1.390	1.476	0.200	6.1983	20.0
4-Chlorophenyl-phenylether	0.662	0.716	0.100	8.1644	20.0
4-Nitroaniline	0.334	0.386	0.010	15.6124	40.0
4,6-Dinitro-2-methylphenol	0.108	0.114	0.010	4.8523	40.0
N-Nitrosodiphenylamine	0.536	0.572	0.050	6.6891	20.0
1,2,4,5-Tetrachlorobenzene	0.523	0.551	0.100	5.3668	20.0
4-Bromophenyl-phenylether	0.189	0.199	0.070	5.3805	20.0
Hexachlorobenzene	0.218	0.237	0.050	8.8571	25.0
Atrazine	0.188	0.209	0.010	10.9242	25.0
Pentachlorophenol	0.142	0.150	0.010	5.6964	40.0
Phenanthrene	1.058	1.133	0.200	7.0622	20.0
Pentachlorobenzene	0.242	0.260	0.050	7.343	20.0
Anthracene	1.071	1.165	0.200	8.8119	20.0
1,2,3,4-Tetrachlorobenzene	0.235	0.249	0.050	6.1249	20.0
Carbazole	0.978	1.089	0.050	11.3852	40.0
Di-n-butylphthalate	1.192	1.303	0.500	9.2853	25.0
Fluoranthene	1.163	1.245	0.400	7.0608	25.0
Pyrene	1.222	1.342	0.400	9.8189	25.0
Butylbenzylphthalate	0.539	0.597	0.100	10.6181	40.0
3,3-Dichlorobenzidine	0.417	0.466	0.010	11.8905	40.0
Benzo (a) anthracene	1.358	1.444	0.300	6.2906	30.0
Chrysene	1.289	1.406	0.200	9.0717	30.0
Bis(2-ethylhexyl)phthalate	0.810	0.909	0.200	12.2814	40.0
Di-n-octyl phthalate	1.153	1.245	0.010	7.9795	40.0
Benzo (b) fluoranthene	1.125	1.197	0.200	6.3425	25.0
Benzo (k) fluoranthene	1.132	1.261	0.200	11.3836	25.0
Benzo (a) pyrene	1.123	1.178	0.200	4.904	20.0
Indeno (1,2,3-cd) pyrene	1.393	1.429	0.200	2.5663	25.0
Dibenzo (a,h) anthracene	1.143	1.200	0.200	4.9173	30.0
Benzo (g,h,i) perylene	1.122	1.149	0.200	2.4575	30.0
2,3,4,6-Tetrachlorophenol	0.334	0.353	0.040	5.7361	20.0
1,4-Dioxane-d8	0.428	0.402	0.010	-6.0243	25.0
Pyridine-d5	1.233	1.312	0.010	6.4167	40.0
Phenol-d5	1.687	1.741	0.010	3.1785	25.0
Bis- (2-Chloroethyl) ether-d8	0.982	1.039	0.050	5.8689	25.0
2-Chlorophenol-d4	1.314	1.384	0.200	5.3713	20.0
4-Methylphenol-d8	1.419	1.479	0.010	4.2647	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN041924 SAS No.: BN041924 SDG No.: BN041924
 Instrument ID: BNA_N Calibration Date/Time: 4/19/2024 1: 22:22
 Lab File ID: BN031051.D Init. Calib. Date(s): _____
 EPA Sample No.: SICV223 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.156	0.050	8.4562	20.0
2-Nitrophenol-d4	0.149	0.163	0.050	9.3786	30.0
2,4-Dichlorophenol-d3	0.295	0.321	0.060	8.966	20.0
4-Chloroaniline-d4	0.460	0.497	0.010	7.8989	40.0
Dimethylphthalate-d6	1.392	1.467	0.300	5.4028	20.0
Acenaphthylene-d8	1.577	1.679	0.400	6.4416	20.0
4-Nitrophenol-d4	0.290	0.307	0.010	5.781	40.0
Fluorene-d10	1.212	1.280	0.100	5.639	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.103	0.010	1.8194	40.0
Anthracene-d10	0.867	0.949	0.300	9.4652	20.0
Pyrene-d10	0.983	1.087	0.300	10.6444	25.0
Benzo(a)pyrene-d12	0.948	0.989	0.010	4.2351	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SSTD020368			SDG No.:	BN041924		
Lab Sample ID:	SSTDCCC020			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BN031044.D	1		4/19/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8100		310	500	2000	ug/L
100-52-7	Benzaldehyde	28000		1400	5000	10000	ug/L
110-86-1	Pyridine	20000		850	10000	10000	ug/L
108-95-2	Phenol	21000		1700	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	21000		1500	5000	10000	ug/L
95-57-8	2-Chlorophenol	22000		1100	2500	5000	ug/L
95-48-7	2-Methylphenol	22000		1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	20000		1400	5000	10000	ug/L
98-86-2	Acetophenone	22000		2100	5000	10000	ug/L
106-44-5	4-Methylphenol	21000		1600	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	22000		1400	2500	5000	ug/L
67-72-1	Hexachloroethane	21000		890	2500	5000	ug/L
98-95-3	Nitrobenzene	22000		1300	2500	5000	ug/L
78-59-1	Isophorone	22000		1400	2500	5000	ug/L
88-75-5	2-Nitrophenol	24000		1400	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	22000		720	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	21000		1400	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	22000		1400	2500	5000	ug/L
91-20-3	Naphthalene	21000		1500	2500	5000	ug/L
106-47-8	4-Chloroaniline	22000		1700	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	21000		1100	2500	5000	ug/L
105-60-2	Caprolactam	22000		1300	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	23000		1400	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	22000		970	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	21000		1500	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	20000		1400	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	23000		1900	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	23000		1700	2500	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SSTD020368			SDG No.:	BN041924		
Lab Sample ID:	SSTDCCC020			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BN031044.D	1		4/19/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	22000		1900	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	22000		1800	2500	5000	ug/L
88-74-4	2-Nitroaniline	23000		1200	2500	5000	ug/L
131-11-3	Dimethylphthalate	22000		1600	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	22000		1300	2500	5000	ug/L
208-96-8	Acenaphthylene	22000		1800	2500	5000	ug/L
99-09-2	3-Nitroaniline	25000		860	5000	10000	ug/L
83-32-9	Acenaphthene	22000		1900	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	24000		1900	5000	10000	ug/L
100-02-7	4-Nitrophenol	24000		1500	5000	10000	ug/L
132-64-9	Dibenzofuran	22000		1700	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	24000		970	2500	5000	ug/L
84-66-2	Diethylphthalate	23000		1500	2500	5000	ug/L
86-73-7	Fluorene	23000		2000	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22000		1900	2500	5000	ug/L
100-01-6	4-Nitroaniline	29000		600	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	23000		1700	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	21000		1700	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	21000		1800	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	21000		2700	2500	5000	ug/L
118-74-1	Hexachlorobenzene	21000		1900	2500	5000	ug/L
1912-24-9	Atrazine	22000		1200	5000	10000	ug/L
87-86-5	Pentachlorophenol	23000		1700	5000	10000	ug/L
85-01-8	Phenanthrene	22000		1800	2500	5000	ug/L
608-93-5	Pentachlorobenzene	21000		1300	2500	5000	ug/L
120-12-7	Anthracene	22000		1700	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	20000		750	2500	5000	ug/L
86-74-8	Carbazole	24000		2000	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	24000		1700	2500	5000	ug/L
206-44-0	Fluoranthene	19000		1700	5000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SSTD020368			SDG No.:	BN041924		
Lab Sample ID:	SSTDCCC020			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BN031044.D	1		4/19/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	19000		1700	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	22000		1500	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	26000		1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	22000		1500	2500	5000	ug/L
218-01-9	Chrysene	22000		1700	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	23000		1500	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	20000		1300	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	21000		1600	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	20000		2200	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	21000		2000	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	24000		1900	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	24000		2000	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	25000		1900	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	24000		1800	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8213	*	15-120		102663	SPK: -8
7291-22-7	Pyridine-d5	20650	*	20-120		51625	SPK: -40
4165-62-2	Phenol-d5	21597	*	10-130		53992	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20601	*	25-120		51503	SPK: -40
93951-73-6	2-Chlorophenol-d4	22746	*	20-130		56865	SPK: -40
190780-66-6	4-Methylphenol-d8	21632	*	25-125		54080	SPK: -40
4165-60-0	Nitrobenzene-d5	22566	*	20-125		56415	SPK: -40
93951-78-1	2-Nitrophenol-d4	25528	*	20-130		63820	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22694	*	20-120		56735	SPK: -40
191656-33-4	4-Chloroaniline-d4	21200	*	1-146		53000	SPK: -40
85448-30-2	Dimethylphthalate-d6	21865	*	25-130		54663	SPK: -40
93951-97-4	Acenaphthylene-d8	22050	*	10-130		55125	SPK: -40
93951-79-2	4-Nitrophenol-d4	23824	*	10-150		59560	SPK: -40
81103-79-9	Fluorene-d10	22263	*	25-125		55658	SPK: -40

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SSTD020368			SDG No.:	BN041924		
Lab Sample ID:	SSTDCCC020			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BN031044.D	1		4/19/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23175	*	10-130		57938	SPK: -40
1719-06-8	Anthracene-d10	22080	*	25-130		55200	SPK: -40
1718-52-1	Pyrene-d10	19012	*	15-130		47530	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21600	*	20-130		54000	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111656	7.634				
1146-65-2	Naphthalene-d8	518078	10.416				
15067-26-2	Acenaphthene-d10	362273	14.287				
1517-22-2	Phenanthrene-d10	803288	17.034				
1719-03-5	Chrysene-d12	938293	21.274				
1520-96-3	Perylene-d12	1264550	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1900	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SBLK366	SDG No.:	BN041924
Lab Sample ID:	PB160366BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN031052.D	1	4/18/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	48	U	48	82.5	330	ug/Kg
110-86-1	Pyridine	12	U	12	170	330	ug/Kg
108-95-2	Phenol	45	U	45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	22	U	22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	82.5	330	ug/Kg
98-86-2	Acetophenone	59	U	59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	41	U	41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	27	U	27	42.5	170	ug/Kg
78-59-1	Isophorone	36	U	36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	30	U	30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.5	U	8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	31	U	31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	34	U	34	42.5	170	ug/Kg
91-20-3	Naphthalene	33	U	33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	26	U	26	42.5	170	ug/Kg
105-60-2	Caprolactam	40	U	40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SBLK366	SDG No.:	BN041924
Lab Sample ID:	PB160366BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN031052.D	1	4/18/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	46	U	46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.5	330	ug/Kg
83-32-9	Acenaphthene	50	U	50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	41	U	41	42.5	170	ug/Kg
86-73-7	Fluorene	58	U	58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99	U	99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	38	U	38	82.5	330	ug/Kg
85-01-8	Phenanthrene	53	U	53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.5	170	ug/Kg
120-12-7	Anthracene	47	U	47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.5	170	ug/Kg
86-74-8	Carbazole	61	U	61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	42.5	170	ug/Kg
206-44-0	Fluoranthene	45	U	45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SBLK366	SDG No.:	BN041924
Lab Sample ID:	PB160366BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN031052.D	1	4/18/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.647		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	18.3		20-120		46	SPK: -40
4165-62-2	Phenol-d5	25.643		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.849		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.678		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	25.737		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	28.071		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.213		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.588		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.285		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.918		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	28.837		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.593		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	28.857		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SBLK366	SDG No.:	BN041924
Lab Sample ID:	PB160366BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN031052.D	1	4/18/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.826		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	29.463		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	28.041		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.038		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	112239	7.64				
1146-65-2	Naphthalene-d8	507667	10.416				
15067-26-2	Acenaphthene-d10	358341	14.281				
1517-22-2	Phenanthrene-d10	826148	17.033				
1719-03-5	Chrysene-d12	983162	21.263				
1520-96-3	Perylene-d12	1280345	24.168				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SLCS366	SDG No.:	BN041924
Lab Sample ID:	PB160366BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN031053.D	1	4/18/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	310		12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1100		48	82.5	330	ug/Kg
110-86-1	Pyridine	940		12	170	330	ug/Kg
108-95-2	Phenol	1000		45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	970		35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	980		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	950		29	82.5	330	ug/Kg
98-86-2	Acetophenone	980		59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1000		41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	980		37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	950		16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	970		27	42.5	170	ug/Kg
78-59-1	Isophorone	960		36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1000		30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	940		8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	960		31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		34	42.5	170	ug/Kg
91-20-3	Naphthalene	950		33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	890		44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	950		26	42.5	170	ug/Kg
105-60-2	Caprolactam	1000		40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	980		19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	970		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	820		19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SLCS366	SDG No.:	BN041924
Lab Sample ID:	PB160366BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN031053.D	1	4/18/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	970		46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	960		44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1100		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	980		38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	960		46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1100		14	82.5	330	ug/Kg
83-32-9	Acenaphthene	950		50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	980		32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1000		11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	970		40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	990		41	42.5	170	ug/Kg
86-73-7	Fluorene	970		58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	970		48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1100		16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1000		45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	990		45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	960		99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	980		50	42.5	170	ug/Kg
1912-24-9	Atrazine	890		11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1000		38	82.5	330	ug/Kg
85-01-8	Phenanthrene	970		53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	960		36	42.5	170	ug/Kg
120-12-7	Anthracene	940		47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1000		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	1000		61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1000		57	42.5	170	ug/Kg
206-44-0	Fluoranthene	1000		45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SLCS366	SDG No.:	BN041924
Lab Sample ID:	PB160366BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN031053.D	1	4/18/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1100		43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1000		39	42.5	170	ug/Kg
218-01-9	Chrysene	1000		46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	890		57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	980		46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.077		15-120		88	SPK: -8
7291-22-7	Pyridine-d5	24.938		20-120		62	SPK: -40
4165-62-2	Phenol-d5	31.331		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.938		10-150		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.974		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	30.57		10-140		76	SPK: -40
4165-60-0	Nitrobenzene-d5	31.034		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.212		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.823		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.615		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.274		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	31.05		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.998		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	30.893		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	4/18/2024 12:00:00 AM
Project:		Date Received:	4/18/2024 12:00:00 AM
Client Sample ID:	SLCS366	SDG No.:	BN041924
Lab Sample ID:	PB160366BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN031053.D	1	4/18/2024 12:00:00 AM	4/19/2024 12:00:00 AM	PB160366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.864		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	31.4		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	32.299		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.522		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121579	7.639				
1146-65-2	Naphthalene-d8	575203	10.416				
15067-26-2	Acenaphthene-d10	405686	14.286				
1517-22-2	Phenanthrene-d10	913073	17.033				
1719-03-5	Chrysene-d12	967124	21.268				
1520-96-3	Perylene-d12	1310759	24.174				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	SBLK347	SDG No.:	BN041924
Lab Sample ID:	PB160347BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031055.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	SBLK347	SDG No.:	BN041924
Lab Sample ID:	PB160347BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031055.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	SBLK347	SDG No.:	BN041924
Lab Sample ID:	PB160347BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031055.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.496		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	17.349		20-120		43	SPK: -40
4165-62-2	Phenol-d5	21.11		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.948		25-120		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.788		20-130		54	SPK: -40
190780-66-6	4-Methylphenol-d8	21.008		25-125		53	SPK: -40
4165-60-0	Nitrobenzene-d5	22.77		20-125		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.263		20-130		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.95		20-120		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.36		1-146		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.117		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	24.849		10-130		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.82		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	25.73		25-125		64	SPK: -40

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	SBLK347	SDG No.:	BN041924
Lab Sample ID:	PB160347BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031055.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.339		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	25.949		25-130		65	SPK: -40
1718-52-1	Pyrene-d10	24.604		15-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.596		20-130		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125445	7.634				
1146-65-2	Naphthalene-d8	579364	10.416				
15067-26-2	Acenaphthene-d10	403588	14.281				
1517-22-2	Phenanthrene-d10	919710	17.034				
1719-03-5	Chrysene-d12	1092181	21.263				
1520-96-3	Perylene-d12	1489394	24.169				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/14/2024 12:00:00 AM
Project:		Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07W9RX	SDG No.:	BN041924
Lab Sample ID:	P2145-01RX	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN031056.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.6	77	ug/Kg
100-52-7	Benzaldehyde	55	U	55	95.2	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	95.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	95.2	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	49	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	95.2	380	ug/Kg
98-86-2	Acetophenone	68	U	68	95.2	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	95.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49	200	ug/Kg
67-72-1	Hexachloroethane	18	U	18	49	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	49	200	ug/Kg
78-59-1	Isophorone	42	U	42	49	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.8	U	9.8	49	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49	200	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	49	200	ug/Kg
91-20-3	Naphthalene	38	U	38	49	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49	200	ug/Kg
105-60-2	Caprolactam	46	U	46	95.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	95.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/14/2024 12:00:00 AM
Project:		Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07W9RX	SDG No.:	BN041924
Lab Sample ID:	P2145-01RX	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN031056.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	49	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	49	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49	200	ug/Kg
208-96-8	Acenaphthylene	53	U	53	49	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	95.2	380	ug/Kg
83-32-9	Acenaphthene	58	U	58	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	95.2	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	95.2	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	49	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49	200	ug/Kg
84-66-2	Diethylphthalate	47	U	47	49	200	ug/Kg
86-73-7	Fluorene	67	U	67	49	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49	200	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	95.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	95.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	49	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	49	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	49	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49	200	ug/Kg
1912-24-9	Atrazine	13	U	13	95.2	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	95.2	380	ug/Kg
85-01-8	Phenanthrene	61	U	61	49	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49	200	ug/Kg
120-12-7	Anthracene	54	U	54	49	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5	U	6.5	49	200	ug/Kg
86-74-8	Carbazole	70	U	70	95.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	49	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	95.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/14/2024 12:00:00 AM
Project:		Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07W9RX	SDG No.:	BN041924
Lab Sample ID:	P2145-01RX	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN031056.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	95.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49	200	ug/Kg
218-01-9	Chrysene	53	U	53	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	95.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	U	55	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	67	U	67	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	66	U	66	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	49	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	49	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	49	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	49	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.418		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	2.121	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	1.689	*	10-130		4	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.523		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	2.037	*	15-120		5	SPK: -40
190780-66-6	4-Methylphenol-d8	1.907	*	10-140		5	SPK: -40
4165-60-0	Nitrobenzene-d5	17.454		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.821		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	1.693	*	10-140		4	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.629		1-145		4	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.643		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	1.832	*	15-120		5	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.475	*	10-150		4	SPK: -40
81103-79-9	Fluorene-d10	4.24	*	20-140		11	SPK: -40

Report of Analysis

Client:		Date Collected:	4/14/2024 12:00:00 AM
Project:		Date Received:	4/14/2024 12:00:00 AM
Client Sample ID:	E07W9RX	SDG No.:	BN041924
Lab Sample ID:	P2145-01RX	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BN031056.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.86		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	2.012	*	10-150		5	SPK: -40
1718-52-1	Pyrene-d10	2.033	*	10-130		5	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	1.936	*	10-140		5	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82948	7.634				
1146-65-2	Naphthalene-d8	394996	10.416				
15067-26-2	Acenaphthene-d10	277612	14.281				
1517-22-2	Phenanthrene-d10	649926	17.033				
1719-03-5	Chrysene-d12	775262	21.263				
1520-96-3	Perylene-d12	1041693	24.168				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	78	J			17.927	
000084-65-1	9,10-Anthracenedione	80	J			18.451	
000301-02-0	9-Octadecenamide, (Z)-	180	J			20.374	
000479-79-8	11H-Benzo[a]fluoren-11-one	120	J			21.016	
E966796	Total Alkanes	53	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y0	SDG No.:	BN041924
Lab Sample ID:	P2145-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 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
BN031057.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.7	78	ug/Kg
100-52-7	Benzaldehyde	56	U	56	96.9	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	96.9	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	96.9	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	49.9	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	96.9	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	96.9	390	ug/Kg
98-86-2	Acetophenone	69	U	69	96.9	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	96.9	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.9	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.9	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	49.9	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.9	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	49.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	49.9	200	ug/Kg
91-20-3	Naphthalene	39	U	39	49.9	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	49.9	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	49.9	200	ug/Kg
105-60-2	Caprolactam	47	U	47	96.9	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	96.9	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	49.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	49.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y0	SDG No.:	BN041924
Lab Sample ID:	P2145-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031057.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	49.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.9	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.9	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	49.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	49.9	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	49.9	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	96.9	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	49.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	96.9	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	96.9	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	49.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.9	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	49.9	200	ug/Kg
86-73-7	Fluorene	68	U	68	49.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.9	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	96.9	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	96.9	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	49.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	49.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	49.9	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	49.9	200	ug/Kg
1912-24-9	Atrazine	13	U	13	96.9	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	96.9	390	ug/Kg
85-01-8	Phenanthrene	62	U	62	49.9	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.9	200	ug/Kg
120-12-7	Anthracene	55	U	55	49.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	49.9	200	ug/Kg
86-74-8	Carbazole	72	U	72	96.9	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	49.9	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	96.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y0	SDG No.:	BN041924
Lab Sample ID:	P2145-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BN031057.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	49.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	96.9	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	49.9	200	ug/Kg
218-01-9	Chrysene	54	U	54	49.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	860		50	49.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	96.9	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	56	U	56	49.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	49.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	67	U	67	49.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	49.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	49.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	49.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	49.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.398		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	9.781		20-120		24	SPK: -40
4165-62-2	Phenol-d5	13.065		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.447		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.19		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	12.22		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	20.934		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.514		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.251		10-140		33	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.428		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.959		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	14.872		15-120		37	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.889		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	17.268		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	4/15/2024 12:00:00 AM
Project:		Date Received:	4/15/2024 12:00:00 AM
Client Sample ID:	E07Y0	SDG No.:	BN041924
Lab Sample ID:	P2145-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BN031057.D	1	4/18/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160366

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.879		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	16.054		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	16.567		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.604		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102899	7.634				
1146-65-2	Naphthalene-d8	474224	10.416				
15067-26-2	Acenaphthene-d10	319773	14.281				
1517-22-2	Phenanthrene-d10	760737	17.033				
1719-03-5	Chrysene-d12	876541	21.263				
1520-96-3	Perylene-d12	1170554	24.168				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic	17.422				17.422	
000057-10-3	n-Hexadecanoic acid	150	J			17.933	
000142-91-6	Isopropyl palmitate	180	J			18.369	
	(DEL) Alkane: Straight-Chain	20.957	J			20.957	
E966796	Total Alkanes	240				99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	SBLK348	SDG No.:	BN041924
Lab Sample ID:	PB160348BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031058.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160348

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	SBLK348	SDG No.:	BN041924
Lab Sample ID:	PB160348BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031058.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160348

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	SBLK348	SDG No.:	BN041924
Lab Sample ID:	PB160348BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031058.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160348

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.847		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	23.83		20-120		60	SPK: -40
4165-62-2	Phenol-d5	30.33		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.432		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.475		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	29.684		25-125		74	SPK: -40
4165-60-0	Nitrobenzene-d5	32.468		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.128		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.928		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.73		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.682		25-130		92	SPK: -40
93951-97-4	Acenaphthylene-d8	36.055		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.929		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	37.077		25-125		93	SPK: -40

Report of Analysis

Client:		Date Collected:	4/17/2024 12:00:00 AM
Project:		Date Received:	4/17/2024 12:00:00 AM
Client Sample ID:	SBLK348	SDG No.:	BN041924
Lab Sample ID:	PB160348BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031058.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160348

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.504		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	37.083		25-130		93	SPK: -40
1718-52-1	Pyrene-d10	34.062		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.826		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83003	7.634				
1146-65-2	Naphthalene-d8	373768	10.416				
15067-26-2	Acenaphthene-d10	254822	14.281				
1517-22-2	Phenanthrene-d10	595505	17.033				
1719-03-5	Chrysene-d12	760262	21.263				
1520-96-3	Perylene-d12	1005683	24.168				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	C0RB6	SDG No.:	BN041924
Lab Sample ID:	P2159-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031059.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.51	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5.1	10	ug/L
110-86-1	Pyridine	0.86	U	0.86	10.1	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5.1	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5.1	ug/L
67-72-1	Hexachloroethane	0.9	U	0.9	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.73	U	0.73	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5.1	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5.1	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.98	U	0.98	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	C0RB6	SDG No.:	BN041924
Lab Sample ID:	P2159-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031059.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	0.87	U	0.87	5.1	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	0.98	U	0.98	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
86-73-7	Fluorene	2	U	2	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.61	U	0.61	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5.1	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5.1	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5.1	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.76	U	0.76	2.5	5.1	ug/L
86-74-8	Carbazole	2	U	2	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	C0RB6	SDG No.:	BN041924
Lab Sample ID:	P2159-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031059.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5.1	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.227		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	2.578	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	3.996		10-130		10	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.902		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.755		20-130		42	SPK: -40
190780-66-6	4-Methylphenol-d8	9.155	*	25-125		23	SPK: -40
4165-60-0	Nitrobenzene-d5	28.403		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.99		20-130		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.652		20-120		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.375		1-146		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.187		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	30.418		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.249	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	31.233		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	C0RB6	SDG No.:	BN041924
Lab Sample ID:	P2159-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031059.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.235		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	32.95		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	31.052		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.73		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146575	7.634				
1146-65-2	Naphthalene-d8	646894	10.416				
15067-26-2	Acenaphthene-d10	434987	14.28				
1517-22-2	Phenanthrene-d10	1001210	17.033				
1719-03-5	Chrysene-d12	1221856	21.268				
1520-96-3	Perylene-d12	1539443	24.168				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-90-7	Benzene, chloro-	2.9	J			4.975	
000057-10-3	n-Hexadecanoic acid	2.9	J			17.933	
000661-19-8	Behenic alcohol	2.9	J			20.956	
007683-64-9	Supraene	2	J			22.792	
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	C0RC1	SDG No.:	BN041924
Lab Sample ID:	P2159-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031060.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	C0RC1	SDG No.:	BN041924
Lab Sample ID:	P2159-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031060.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	C0RC1	SDG No.:	BN041924
Lab Sample ID:	P2159-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031060.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.066		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	5.684	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	5.372		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.118		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.231		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	13.397		25-125		33	SPK: -40
4165-60-0	Nitrobenzene-d5	31.087		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.361		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.739		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.038		1-146		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.181		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	31.504		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.42		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	31.72		25-125		79	SPK: -40

Report of Analysis

Client:		Date Collected:	4/12/2024 12:00:00 AM
Project:		Date Received:	4/12/2024 12:00:00 AM
Client Sample ID:	C0RC1	SDG No.:	BN041924
Lab Sample ID:	P2159-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031060.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.153		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	32.361		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	32.096		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.708		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150883	7.634				
1146-65-2	Naphthalene-d8	700779	10.416				
15067-26-2	Acenaphthene-d10	492962	14.281				
1517-22-2	Phenanthrene-d10	1102506	17.034				
1719-03-5	Chrysene-d12	1262372	21.263				
1520-96-3	Perylene-d12	1561342	24.169				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	18.228	2.1	J		18.228	
E966796	Total Alkanes		2.1			99	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	C0RC4	SDG No.:	BN041924
Lab Sample ID:	P2159-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031061.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	C0RC4	SDG No.:	BN041924
Lab Sample ID:	P2159-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031061.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	C0RC4	SDG No.:	BN041924
Lab Sample ID:	P2159-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031061.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.471		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	8.61		20-120		22	SPK: -40
4165-62-2	Phenol-d5	5.24		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.898		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.329		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	11.897		25-125		30	SPK: -40
4165-60-0	Nitrobenzene-d5	32.054		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.585		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.758		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.826		1-146		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.329		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	30.265		10-130		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.316		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	33.241		25-125		83	SPK: -40

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	C0RC4	SDG No.:	BN041924
Lab Sample ID:	P2159-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031061.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.027		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	33.003		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	32.653		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.684		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	143345	7.634				
1146-65-2	Naphthalene-d8	641251	10.416				
15067-26-2	Acenaphthene-d10	436458	14.281				
1517-22-2	Phenanthrene-d10	991718	17.034				
1719-03-5	Chrysene-d12	1167564	21.263				
1520-96-3	Perylene-d12	1468834	24.169				
TENTATIVE IDENTIFIED COMPOUNDS							
000930-66-5	Cyclohexene, 1-chloro-	4.7	J			4.952	
E966796	Total Alkanes	1.9	U			99	ug/L



Client:				Date Collected:	4/11/2024 12:00:00 AM	
Project:				Date Received:	4/11/2024 12:00:00 AM	
Client Sample ID:	MC0R80			SDG No.:	BN041924	
Lab Sample ID:	P2159-04			Matrix:	Water	
Analytical Method:	SFAM_SVOC			% Moisture:	100	
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031062.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.5	J	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	MC0R80	SDG No.:	BN041924
Lab Sample ID:	P2159-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031062.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	MC0R80	SDG No.:	BN041924
Lab Sample ID:	P2159-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031062.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.085		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	6.833	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	5.607		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.885		25-120		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.626		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	14.31		25-125		36	SPK: -40
4165-60-0	Nitrobenzene-d5	35.353		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.782		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.554		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.472		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.203		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	35.557		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.323		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	36.93		25-125		92	SPK: -40

Report of Analysis

Client:		Date Collected:	4/11/2024 12:00:00 AM
Project:		Date Received:	4/11/2024 12:00:00 AM
Client Sample ID:	MC0R80	SDG No.:	BN041924
Lab Sample ID:	P2159-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031062.D	1	4/17/2024 12:00:00 AM	4/20/2024 12:00:00 AM	PB160347

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.189		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	37.642		25-130		94	SPK: -40
1718-52-1	Pyrene-d10	35.834		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.852		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111588	7.634				
1146-65-2	Naphthalene-d8	512742	10.416				
15067-26-2	Acenaphthene-d10	351295	14.281				
1517-22-2	Phenanthrene-d10	806442	17.033				
1719-03-5	Chrysene-d12	986848	21.263				
1520-96-3	Perylene-d12	1332571	24.168				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	4.2	J			7.699	
000090-05-1	Phenol, 2-methoxy-	8.9	J			8.728	
000121-33-5	Vanillin	6	J			13.204	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	5.6	J			17.704	
E966796	Total Alkanes	1.9	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BN041924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E07W9RX								
P2145-01RX	E07W9RX	Solid	11H-Benzo[a]fluoren-11-one	*	120.000	J		
P2145-01RX	E07W9RX	Solid	9,10-Anthracenedione	*	80.000	J		
P2145-01RX	E07W9RX	Solid	9-Octadecenamamide, (Z)-	*	180.000	J		
P2145-01RX	E07W9RX	Solid	n-Hexadecanoic acid	*	78.000	J		
P2145-01RX	E07W9RX	Solid	Total Alkanes	*	0.000	53	200	ug/Kg
Total Tics :					458.00			
Total Concentration:					458.00			
Client ID : E07Y0								
P2145-06	E07Y0	Solid	(DEL) Alkane: Cyclic17.422	*	110.000	J		
P2145-06	E07Y0	Solid	(DEL) Alkane: Straight-Chain20.5	*	130.000	J		
P2145-06	E07Y0	Solid	Isopropyl palmitate	*	180.000	J		
P2145-06	E07Y0	Solid	n-Hexadecanoic acid	*	150.000	J		
P2145-06	E07Y0	Solid	Total Alkanes	*	240.000	54	200	ug/Kg
Total Tics :					810.00			
P2145-06	E07Y0	Solid	Bis(2-ethylhexyl)phthalate		860.000	50	200	ug/Kg
Total Svoc :					860.00			
Total Concentration:					1,670.00			
Client ID : C0RB6								
P2159-01	C0RB6	Water	Behenic alcohol	*	2.900	J		
P2159-01	C0RB6	Water	Benzene, chloro-	*	2.900	J		
P2159-01	C0RB6	Water	n-Hexadecanoic acid	*	2.900	J		
P2159-01	C0RB6	Water	Supraene	*	2.000	J		
P2159-01	C0RB6	Water	Total Alkanes	*	0.000	1.9	5.1	ug/L
Total Tics :					10.70			
Total Concentration:					10.70			
Client ID : C0RC1								
P2159-02	C0RC1	Water	(DEL) Alkane: Straight-Chain18.2	*	2.100	J		
P2159-02	C0RC1	Water	Total Alkanes	*	2.100	1.9	5	ug/L
Total Tics :					4.20			
Total Concentration:					4.20			
Client ID : C0RC4								
P2159-03	C0RC4	Water	Cyclohexene, 1-chloro-	*	4.700	J		
P2159-03	C0RC4	Water	Total Alkanes	*	0.000	1.9	5	ug/L
Total Tics :					4.70			
Total Concentration:					4.70			

Hit Summary Sheet SW-846

SDG No.: BN041924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MC0R80								
P2159-04	MC0R80	Water	1-Hexanol, 2-ethyl-	*	4.200	J		
P2159-04	MC0R80	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	5.600	J		
P2159-04	MC0R80	Water	Phenol, 2-methoxy-	*	8.900	J		
P2159-04	MC0R80	Water	Vanillin	*	6.000	J		
P2159-04	MC0R80	Water	Total Alkanes	*	0.000	1.9	5	ug/L
			Total Tics :			24.70		
P2159-04	MC0R80	Water	4-Chloro-3-methylphenol		1.500	J 1.4	5	ug/L
			Total Svoc :			1.50		
			Total Concentration:			26.20		
Client ID : SSTD020368								
SSTDCCC020	SSTD020368	Water	Total Alkanes	*	0.000	1900	5000	ug/L
			Total Tics :			0.00		
SSTDCCC020	SSTD020368	Water	1,1-Biphenyl		22,000.000	1900	5000	ug/L
SSTDCCC020	SSTD020368	Water	1,2,3,4-Tetrachlorobenzene		20,000.000	750	5000	ug/L
SSTDCCC020	SSTD020368	Water	1,2,4,5-Tetrachlorobenzene		21,000.000	1800	5000	ug/L
SSTDCCC020	SSTD020368	Water	1,4-Dioxane		8,100.000	310	2000	ug/L
SSTDCCC020	SSTD020368	Water	1-Methylnaphthalene		22,000.000	970	5000	ug/L
SSTDCCC020	SSTD020368	Water	2,2-oxybis(1-Chloropropane)		20,000.000	1400	10000	ug/L
SSTDCCC020	SSTD020368	Water	2,3,4,6-Tetrachlorophenol		24,000.000	1800	5000	ug/L
SSTDCCC020	SSTD020368	Water	2,4,5-Trichlorophenol		23,000.000	1700	5000	ug/L
SSTDCCC020	SSTD020368	Water	2,4,6-Trichlorophenol		23,000.000	1900	5000	ug/L
SSTDCCC020	SSTD020368	Water	2,4-Dichlorophenol		22,000.000	1400	5000	ug/L
SSTDCCC020	SSTD020368	Water	2,4-Dimethylphenol		22,000.000	720	5000	ug/L
SSTDCCC020	SSTD020368	Water	2,4-Dinitrophenol		24,000.000	1900	10000	ug/L
SSTDCCC020	SSTD020368	Water	2,4-Dinitrotoluene		24,000.000	970	5000	ug/L
SSTDCCC020	SSTD020368	Water	2,6-Dinitrotoluene		22,000.000	1300	5000	ug/L
SSTDCCC020	SSTD020368	Water	2-Chloronaphthalene		22,000.000	1800	5000	ug/L
SSTDCCC020	SSTD020368	Water	2-Chlorophenol		22,000.000	1100	5000	ug/L
SSTDCCC020	SSTD020368	Water	2-Methylnaphthalene		21,000.000	1500	5000	ug/L
SSTDCCC020	SSTD020368	Water	2-Methylphenol		22,000.000	1500	10000	ug/L
SSTDCCC020	SSTD020368	Water	2-Nitroaniline		23,000.000	1200	5000	ug/L
SSTDCCC020	SSTD020368	Water	2-Nitrophenol		24,000.000	1400	5000	ug/L
SSTDCCC020	SSTD020368	Water	3,3-Dichlorobenzidine		26,000.000	1400	10000	ug/L
SSTDCCC020	SSTD020368	Water	3-Nitroaniline		25,000.000	860	10000	ug/L
SSTDCCC020	SSTD020368	Water	4,6-Dinitro-2-methylphenol		23,000.000	1700	10000	ug/L
SSTDCCC020	SSTD020368	Water	4-Bromophenyl-phenylether		21,000.000	2700	5000	ug/L
SSTDCCC020	SSTD020368	Water	4-Chloro-3-methylphenol		23,000.000	1400	5000	ug/L
SSTDCCC020	SSTD020368	Water	4-Chloroaniline		22,000.000	1700	10000	ug/L
SSTDCCC020	SSTD020368	Water	4-Chlorophenyl-phenylether		22,000.000	1900	5000	ug/L

Hit Summary Sheet SW-846

SDG No.: BN041924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDCCC020	SSTD020368	Water	4-Methylphenol	21,000.000		1600	10000	ug/L
SSTDCCC020	SSTD020368	Water	4-Nitroaniline	29,000.000		600	10000	ug/L
SSTDCCC020	SSTD020368	Water	4-Nitrophenol	24,000.000		1500	10000	ug/L
SSTDCCC020	SSTD020368	Water	Acenaphthene	22,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020368	Water	Acenaphthylene	22,000.000		1800	5000	ug/L
SSTDCCC020	SSTD020368	Water	Acetophenone	22,000.000		2100	10000	ug/L
SSTDCCC020	SSTD020368	Water	Anthracene	22,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020368	Water	Atrazine	22,000.000		1200	10000	ug/L
SSTDCCC020	SSTD020368	Water	Benzaldehyde	28,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020368	Water	Benzo(a)anthracene	22,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020368	Water	Benzo(a)pyrene	21,000.000		2000	5000	ug/L
SSTDCCC020	SSTD020368	Water	Benzo(b)fluoranthene	21,000.000		1600	5000	ug/L
SSTDCCC020	SSTD020368	Water	Benzo(g,h,i)perylene	25,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020368	Water	Benzo(k)fluoranthene	20,000.000		2200	5000	ug/L
SSTDCCC020	SSTD020368	Water	Bis(2-Chloroethoxy)methane	21,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020368	Water	Bis(2-Chloroethyl)ether	21,000.000		1500	10000	ug/L
SSTDCCC020	SSTD020368	Water	Bis(2-ethylhexyl)phthalate	23,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020368	Water	Butylbenzylphthalate	22,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020368	Water	Caprolactam	22,000.000		1300	10000	ug/L
SSTDCCC020	SSTD020368	Water	Carbazole	24,000.000		2000	10000	ug/L
SSTDCCC020	SSTD020368	Water	Chrysene	22,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020368	Water	Di-n-butylphthalate	24,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020368	Water	Di-n-octyl phthalate	20,000.000		1300	10000	ug/L
SSTDCCC020	SSTD020368	Water	Dibenzo(a,h)anthracene	24,000.000		2000	5000	ug/L
SSTDCCC020	SSTD020368	Water	Dibenzofuran	22,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020368	Water	Diethylphthalate	23,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020368	Water	Dimethylphthalate	22,000.000		1600	5000	ug/L
SSTDCCC020	SSTD020368	Water	Fluoranthene	19,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020368	Water	Fluorene	23,000.000		2000	5000	ug/L
SSTDCCC020	SSTD020368	Water	Hexachlorobenzene	21,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020368	Water	Hexachlorobutadiene	21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020368	Water	Hexachlorocyclopentadiene	20,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020368	Water	Hexachloroethane	21,000.000		890	5000	ug/L
SSTDCCC020	SSTD020368	Water	Indeno(1,2,3-cd)pyrene	24,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020368	Water	Isophorone	22,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020368	Water	N-Nitroso-di-n-propylamine	22,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020368	Water	N-Nitrosodiphenylamine	21,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020368	Water	Naphthalene	21,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020368	Water	Nitrobenzene	22,000.000		1300	5000	ug/L
SSTDCCC020	SSTD020368	Water	Pentachlorobenzene	21,000.000		1300	5000	ug/L



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

Hit Summary Sheet
SW-846

SDG No.: BN041924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDCCC020	SSTD020368	Water	Pentachlorophenol	23,000.000		1700	10000	ug/L
SSTDCCC020	SSTD020368	Water	Phenanthrene	22,000.000		1800	5000	ug/L
SSTDCCC020	SSTD020368	Water	Phenol	21,000.000		1700	10000	ug/L
SSTDCCC020	SSTD020368	Water	Pyrene	19,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020368	Water	Pyridine	20,000.000		850	10000	ug/L
Total Svoc :				1,587,100.00				
Total Concentration:				1,587,100.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN041924SAS No.: BN041924SDG No.: BN041924

Instrument ID: _____

Calibration Date(s): 4/19/2024 : _____Calibration Time(s): 17:44 : _____

LAB FILE ID:		RRFAL1 = BN031045.D			RRFAL2 = BN031046.D		RRFAL3 = BN031047.D	
		RRFAL4 = BN031048.D			RRFAL5 = BN031049.D		RRFAL6 = BN031050.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.453	0.446	0.475	0.447	0.447		0.454	2.7
Benzaldehyde		0.864	1.015	0.921	0.768	0.574	0.828	20.3
Pyridine		1.111	1.253	1.288	1.310	1.259	1.244	6.3
Hexachloroethane	0.544	0.558	0.586	0.574	0.571		0.567	2.9
Nitrobenzene	0.310	0.322	0.361	0.355	0.348		0.339	6.6
Isophorone	0.641	0.668	0.729	0.721	0.702		0.692	5.4
2-Nitrophenol	0.139	0.149	0.176	0.181	0.182		0.165	11.8
2,4-Dimethylphenol	0.325	0.326	0.356	0.345	0.334		0.337	4.0
Bis(2-Chloroethoxy)methane	0.413	0.409	0.440	0.428	0.412		0.420	3.2
2,4-Dichlorophenol	0.275	0.280	0.308	0.306	0.302		0.294	5.3
Naphthalene	1.019	1.030	1.089	1.046	0.998		1.037	3.3
4-Chloroaniline		0.435	0.467	0.467	0.447	0.421	0.447	4.5
Hexachlorobutadiene	0.180	0.178	0.187	0.179	0.172		0.179	3.0
Phenol		1.605	1.748	1.809	1.798	1.738	1.739	4.7
Caprolactam		0.099	0.115	0.119	0.124	0.123	0.116	8.8
4-Chloro-3-methylphenol	0.314	0.327	0.354	0.358	0.352		0.341	5.7
1-Methylnaphthalene	0.735	0.736	0.772	0.746	0.708		0.740	3.1
2-Methylnaphthalene	0.729	0.721	0.759	0.742	0.704		0.731	2.9
Hexachlorocyclopentadiene		0.246	0.298	0.291	0.308	0.295	0.287	8.4
2,4,6-Trichlorophenol	0.309	0.327	0.379	0.363	0.363		0.348	8.3
2,4,5-Trichlorophenol	0.352	0.370	0.409	0.403	0.398		0.386	6.3
1,1-Biphenyl	1.370	1.379	1.475	1.350	1.303		1.376	4.6
2-Chloronaphthalene	1.095	1.082	1.181	1.090	1.048		1.099	4.5
2-Nitroaniline	0.249	0.273	0.331	0.326	0.338		0.303	13.1
Bis(2-Chloroethyl)ether		1.340	1.418	1.434	1.370	1.300	1.372	4.0
Dimethylphthalate	1.407	1.397	1.545	1.434	1.396		1.436	4.4
2,6-Dinitrotoluene	0.220	0.234	0.292	0.296	0.306		0.270	14.6
Acenaphthylene	1.798	1.829	1.998	1.838	1.749		1.842	5.1
3-Nitroaniline		0.262	0.334	0.340	0.318	0.293	0.309	10.4
Acenaphthene	1.221	1.189	1.318	1.222	1.157		1.221	4.9
2,4-Dinitrophenol		0.095	0.138	0.156	0.181	0.193	0.152	25.4
4-Nitrophenol		0.208	0.250	0.244	0.247	0.230	0.236	7.4
Dibenzofuran	1.680	1.668	1.825	1.675	1.595		1.689	5.0
2,4-Dinitrotoluene	0.333	0.365	0.444	0.453	0.453		0.410	13.8
Diethylphthalate	1.396	1.438	1.590	1.506	1.454		1.477	5.0
2-Chlorophenol	1.256	1.316	1.394	1.440	1.421		1.365	5.6

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN041924 SAS No.: BN041924 SDG No.: BN041924

Instrument ID: _____ Calibration Date(s): 4/19/2024 : _____

Calibration Time(s): 17:44 : _____

LAB FILE ID:		RRFAL1 = BN031045.D		RRFAL2 = BN031046.D		RRFAL3 = BN031047.D		
		RRFAL4 = BN031048.D		RRFAL5 = BN031049.D		RRFAL6 = BN031050.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.417	1.418	1.520	1.384	1.208		1.390	8.2
4-Chlorophenyl-phenylether	0.681	0.680	0.717	0.647	0.585		0.662	7.5
4-Nitroaniline		0.309	0.384	0.357	0.337	0.280	0.334	12.1
4,6-Dinitro-2-methylphenol		0.086	0.107	0.116	0.117	0.116	0.108	12.1
N-Nitrosodiphenylamine	0.526	0.550	0.572	0.545	0.489		0.536	5.8
1,2,4,5-Tetrachlorobenzene	0.523	0.506	0.568	0.522	0.498		0.523	5.1
4-Bromophenyl-phenylether	0.183	0.190	0.196	0.198	0.179		0.189	4.4
Hexachlorobenzene	0.217	0.221	0.226	0.221	0.205		0.218	3.7
Atrazine		0.186	0.205	0.201	0.180	0.169	0.188	8.1
Pentachlorophenol		0.127	0.144	0.150	0.146	0.141	0.142	6.2
2-Methylphenol		1.228	1.385	1.396	1.383	1.347	1.348	5.1
Phenanthrene	1.074	1.093	1.118	1.061	0.943		1.058	6.4
Pentachlorobenzene	0.245	0.251	0.250	0.241	0.224		0.242	4.5
Anthracene	1.086	1.083	1.129	1.100	0.955		1.071	6.3
1,2,3,4-Tetrachlorobenzene	0.231	0.238	0.249	0.237	0.218		0.235	4.8
Carbazole		1.023	1.074	1.049	0.923	0.820	0.978	10.8
Di-n-butylphthalate	1.076	1.156	1.301	1.254	1.173		1.192	7.4
Fluoranthene	1.109	1.134	1.265	1.181	1.127		1.163	5.4
Pyrene	1.170	1.249	1.325	1.217	1.150		1.222	5.7
Butylbenzylphthalate	0.453	0.507	0.580	0.573	0.583		0.539	10.7
3,3-Dichlorobenzidine		0.423	0.471	0.430	0.409	0.351	0.417	10.4
2,2-oxybis (1-Chloropropane)		1.787	1.846	1.857	1.765	1.692	1.789	3.7
Benzo (a) anthracene	1.350	1.350	1.453	1.336	1.302		1.358	4.2
Chrysene	1.294	1.309	1.357	1.279	1.207		1.289	4.3
Bis (2-ethylhexyl) phthalate	0.747	0.795	0.889	0.837	0.780		0.810	6.8
Di-n-octyl phthalate		1.110	1.272	1.208	1.142	1.032	1.153	8.0
Benzo (b) fluoranthene	1.061	1.137	1.235	1.129	1.064		1.125	6.3
Benzo (k) fluoranthene	1.132	1.196	1.196	1.088	1.047		1.132	5.8
Benzo (a) pyrene	1.106	1.134	1.209	1.103	1.061		1.123	4.9
Indeno (1,2,3-cd) pyrene	1.293	1.386	1.499	1.407	1.380		1.393	5.3
Dibenzo (a,h) anthracene	1.059	1.136	1.240	1.163	1.120		1.143	5.8
Benzo (g,h,i) perylene	1.037	1.110	1.200	1.137	1.125		1.122	5.2
Acetophenone		2.192	2.298	2.317	2.174	2.011	2.198	5.6
2,3,4,6-Tetrachlorophenol	0.297	0.311	0.361	0.346	0.354		0.334	8.5
1,4-Dioxane-d8	0.447	0.421	0.435	0.420	0.417		0.428	2.9
Pyridine-d5		1.070	1.272	1.250	1.306	1.267	1.233	7.6

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN041924 SAS No.: BN041924 SDG No.: BN041924
Instrument ID: _____ Calibration Date(s): 4/19/2024 : _____
Calibration Time(s): 17:44 : _____

LAB FILE ID:		RRFAL1 = BN031045.D			RRFAL2 = BN031046.D		RRFAL3 = BN031047.D	
		RRFAL4 = BN031048.D			RRFAL5 = BN031049.D		RRFAL6 = BN031050.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.495	1.684	1.756	1.763	1.738	1.687	6.6
Bis-(2-Chloroethyl)ether-d8		0.954	1.025	1.017	0.981	0.931	0.982	4.1
2-Chlorophenol-d4	1.194	1.251	1.355	1.406	1.362		1.314	6.7
4-Methylphenol-d8		1.292	1.431	1.503	1.445	1.422	1.419	5.5
Nitrobenzene-d5	0.129	0.135	0.151	0.151	0.152		0.144	7.5
2-Nitrophenol-d4	0.124	0.136	0.155	0.162	0.169		0.149	12.6
2,4-Dichlorophenol-d3	0.269	0.281	0.314	0.308	0.301		0.295	6.4
4-Chloroaniline-d4		0.449	0.477	0.474	0.465	0.437	0.460	3.7
4-Methylphenol		1.417	1.542	1.581	1.527	1.482	1.510	4.2
Dimethylphthalate-d6	1.330	1.354	1.501	1.411	1.363		1.392	4.9
Acenaphthylene-d8	1.510	1.535	1.683	1.614	1.544		1.577	4.5
4-Nitrophenol-d4		0.244	0.308	0.303	0.307	0.289	0.290	9.2
Fluorene-d10	1.186	1.190	1.302	1.213	1.167		1.212	4.4
4,6-Dinitro-2-methylphenol		0.078	0.095	0.108	0.110	0.112	0.101	14.1
Anthracene-d10	0.844	0.865	0.927	0.889	0.809		0.867	5.2
Pyrene-d10	0.936	0.980	1.040	0.989	0.969		0.983	3.8
Benzo(a)pyrene-d12	0.901	0.950	1.021	0.946	0.925		0.948	4.7
N-Nitroso-di-n-propylamine	1.025	1.066	1.140	1.161	1.087		1.096	5.1

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.: BN041924 SAS No.: BN041924 SDG NO.: BN041924

EPA Sample No.: SSTD020219 Date Analyzed: Apr 19 2024 12:00AM

Lab File ID: BN031047.D Time Analyzed: 16:58

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	107649	7.64	500622	10.42	346406	14.28
UPPER LIMIT	215298	8.14	1001244	10.916	692812	14.781
LOWER LIMIT	53824.5	7.14	250311	9.916	173203	13.781
EPA SAMPLE NO.						
01 SSTD020368	111656	7.63	518078	10.42	362273	14.29
02 SICV223	113785	7.63	538022	10.42	389553	14.28
03 SBLK366	112239	7.64	507667	10.42	358341	14.28
04 SLCS366	121579	7.64	575203	10.42	405686	14.29
05 SBLK347	125445	7.63	579364	10.42	403588	14.28
06 E07W9RX	82948	7.63	394996	10.42	277612	14.28
07 E07Y0	102899	7.63	474224	10.42	319773	14.28
08 SBLK348	83003	7.63	373768	10.42	254822	14.28
09 C0RB6	146575	7.63	646894	10.42	434987	14.28
10 C0RC1	150883	7.63	700779	10.42	492962	14.28
11 C0RC4	143345	7.63	641251	10.42	436458	14.28
12 MC0R80	111588	7.63	512742	10.42	351295	14.28

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.: BN041924 SAS No.: BN041924 SDG NO.: BN041924

EPA Sample No.: SSTD020368 Date Analyzed: Apr 20 2024 12:00AM

Lab File ID: BN031054.D Time Analyzed: 01:40

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	108835	7.634	516305	10.42	360185	14.28
UPPER LIMIT	217670	8.134	1032610	10.916	720370	14.78
LOWER LIMIT	54417.5	7.134	258152.5	9.916	180092.5	13.78
EPA SAMPLE NO.						
01 SBLK347	125445	7.63	579364	10.42	403588	14.28
02 E07W9RX	82948	7.63	394996	10.42	277612	14.28
03 E07Y0	102899	7.63	474224	10.42	319773	14.28
04 SBLK348	83003	7.63	373768	10.42	254822	14.28
05 C0RB6	146575	7.63	646894	10.42	434987	14.28
06 C0RC1	150883	7.63	700779	10.42	492962	14.28
07 C0RC4	143345	7.63	641251	10.42	436458	14.28
08 MC0R80	111588	7.63	512742	10.42	351295	14.28

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.: BN041924 SAS No.: BN041924 SDG NO.: BN041924

EPA Sample No.: SSTD020219 Date Analyzed: Apr 19 2024 12:00AM

Lab File ID: BN031047.D Time Analyzed: 16:58

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	798190	17.034	890034	21.269	1.14789e+01	24.168
UPPER LIMIT	1596380	17.534	1780068	21.769	2295780	24.668
LOWER LIMIT	399095	16.534	445017	20.769	573945	23.668
EPA SAMPLE NO.						
01 SSTD020368	803288	17.03	938293	21.27	1.26455e+	24.17
02 SICV223	867229	17.03	958978	21.27	1.25803e+	24.17
03 SBLK366	826148	17.03	983162	21.26	1.28035e+	24.17
04 SLCS366	913073	17.03	967124	21.27	1.31076e+	24.17
05 SBLK347	919710	17.03	1.09218e+	21.26	1.48939e+	24.17
06 E07W9RX	649926	17.03	775262	21.26	1.04169e+	24.17
07 E07Y0	760737	17.03	876541	21.26	1.17055e+	24.17
08 SBLK348	595505	17.03	760262	21.26	1.00568e+	24.17
09 C0RB6	1.00121	17.03	1.22186e+	21.27	1.53944e+	24.17
10 C0RC1	1.10251	17.03	1.26237e+	21.26	1.56134e+	24.17
11 C0RC4	991718	17.03	1.16756e+	21.26	1.46883e+	24.17
12 MC0R80	806442	17.03	986848	21.26	1.33257e+	24.17

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.: BN041924 SAS No.: BN041924 SDG NO.: BN041924

EPA Sample No.: SSTD020368 Date Analyzed: Apr 20 2024 12:00AM

Lab File ID: BN031054.D Time Analyzed: 01:40

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	806784	17.033	920968	21.268	1.22196e+01	24.168
UPPER LIMIT	1613568	17.533	1841936	21.768	2443920	24.668
LOWER LIMIT	403392	16.533	460484	20.768	610980	23.668
EPA SAMPLE NO.						
01 SBLK347	919710	17.03	1.09218e+	21.26	1.48939e+	24.17
02 E07W9RX	649926	17.03	775262	21.26	1.04169e+	24.17
03 E07Y0	760737	17.03	876541	21.26	1.17055e+	24.17
04 SBLK348	595505	17.03	760262	21.26	1.00568e+	24.17
05 C0RB6	1.00121	17.03	1.22186e+	21.27	1.53944e+	24.17
06 C0RC1	1.10251	17.03	1.26237e+	21.26	1.56134e+	24.17
07 C0RC4	991718	17.03	1.16756e+	21.26	1.46883e+	24.17
08 MC0R80	806442	17.03	986848	21.26	1.33257e+	24.17

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.: BN041924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
SSTDICV020	1,4-Dioxane	8	0	ug/L	0				0	0		
	Benzaldehyde	20	0	ug/L	0				0	0		
	Pyridine	20	0	ug/L	0				0	0		
	Phenol	20	0	ug/L	0				0	0		
	Bis(2-chloroethyl)ether	20	0	ug/L	0				0	0		
	2-Chlorophenol	20	0	ug/L	0				0	0		
	2-Methylphenol	20	0	ug/L	0				0	0		
	2,2-oxybis(1-Chloropropane)	20	0	ug/L	0				0	0		
	Acetophenone	20	0	ug/L	0				0	0		
	4-Methylphenol	20	0	ug/L	0				0	0		
	N-Nitroso-di-n-propylamine	20	0	ug/L	0				0	0		
	Hexachloroethane	20	0	ug/L	0				0	0		
	Nitrobenzene	20	0	ug/L	0				0	0		
	Isophorone	20	0	ug/L	0				0	0		
	2-Nitrophenol	20	0	ug/L	0				0	0		
	2,4-Dimethylphenol	20	0	ug/L	0				0	0		
	Bis(2-chloroethoxy)methane	20	0	ug/L	0				0	0		
	2,4-Dichlorophenol	20	0	ug/L	0				0	0		
	Naphthalene	20	0	ug/L	0				0	0		
	4-Chloroaniline	20	0	ug/L	0				0	0		
	Hexachlorobutadiene	20	0	ug/L	0				0	0		
	Caprolactam	20	0	ug/L	0				0	0		
	4-Chloro-3-methylphenol	20	0	ug/L	0				0	0		
	1-Methylnaphthalene	20	0	ug/L	0				0	0		
	2-Methylnaphthalene	20	0	ug/L	0				0	0		
	Hexachlorocyclopentadiene	20	0	ug/L	0				0	0		
	2,4,6-Trichlorophenol	20	0	ug/L	0				0	0		
	2,4,5-Trichlorophenol	20	0	ug/L	0				0	0		
	1,1'-Biphenyl	20	0	ug/L	0				0	0		
	2-Chloronaphthalene	20	0	ug/L	0				0	0		
	2-Nitroaniline	20	0	ug/L	0				0	0		
	Dimethylphthalate	20	0	ug/L	0				0	0		
	2,6-Dinitrotoluene	20	0	ug/L	0				0	0		
	Acenaphthylene	20	0	ug/L	0				0	0		
	3-Nitroaniline	20	0	ug/L	0				0	0		
	Acenaphthene	20	0	ug/L	0				0	0		
	2,4-Dinitrophenol	20	0	ug/L	0				0	0		
	4-Nitrophenol	20	0	ug/L	0				0	0		
	Dibenzofuran	20	0	ug/L	0				0	0		
	2,4-Dinitrotoluene	20	0	ug/L	0				0	0		
	Diethylphthalate	20	0	ug/L	0				0	0		
	Fluorene	20	0	ug/L	0				0	0		
	4-Chlorophenyl-phenylether	20	0	ug/L	0				0	0		
	4-Nitroaniline	20	0	ug/L	0				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN041924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
SSTDICV020	4,6-Dinitro-2-methylphenol	20	0	ug/L	0				0	0		
	N-Nitrosodiphenylamine	20	0	ug/L	0				0	0		
	1,2,4,5-Tetrachlorobenzene	20	0	ug/L	0				0	0		
	4-Bromophenyl-phenylether	20	0	ug/L	0				0	0		
	Hexachlorobenzene	20	0	ug/L	0				0	0		
	Atrazine	20	0	ug/L	0				0	0		
	Pentachlorophenol	20	0	ug/L	0				0	0		
	Phenanthrene	20	0	ug/L	0				0	0		
	Pentachlorobenzene	20	0	ug/L	0				0	0		
	Anthracene	20	0	ug/L	0				0	0		
	1,2,3,4-Tetrachlorobenzene	20	0	ug/L	0				0	0		
	Carbazole	20	0	ug/L	0				0	0		
	Di-n-butylphthalate	20	0	ug/L	0				0	0		
	Fluoranthene	20	0	ug/L	0				0	0		
	Pyrene	20	0	ug/L	0				0	0		
	Butylbenzylphthalate	20	0	ug/L	0				0	0		
	3,3'-Dichlorobenzidine	20	0	ug/L	0				0	0		
	Benzo(a)anthracene	20	0	ug/L	0				0	0		
	Chrysene	20	0	ug/L	0				0	0		
	Bis(2-ethylhexyl)phthalate	20	0	ug/L	0				0	0		
	Di-n-octylphthalate	20	0	ug/L	0				0	0		
	Benzo(b)fluoranthene	20	0	ug/L	0				0	0		
	Benzo(k)fluoranthene	20	0	ug/L	0				0	0		
	Benzo(a)pyrene	20	0	ug/L	0				0	0		
	Indeno(1,2,3-cd)pyrene	20	0	ug/L	0				0	0		
	Dibenzo(a,h)anthracene	20	0	ug/L	0				0	0		
	Benzo(g,h,i)perylene	20	0	ug/L	0				0	0		
	2,3,4,6-Tetrachlorophenol	20	0	ug/L	0				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN041924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160366BS	1,4-Dioxane	530	310	ug/Kg	58				0	0		
	Benzaldehyde	1300	1100	ug/Kg	85				0	0		
	Pyridine	1300	940	ug/Kg	72				0	0		
	Phenol	1300	1000	ug/Kg	77				0	0		
	Bis(2-chloroethyl)ether	1300	970	ug/Kg	75				0	0		
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0		
	2-Methylphenol	1300	980	ug/Kg	75				0	0		
	2,2-oxybis(1-Chloropropane)	1300	950	ug/Kg	73				0	0		
	Acetophenone	1300	980	ug/Kg	75				0	0		
	4-Methylphenol	1300	1000	ug/Kg	77				0	0		
	N-Nitroso-di-n-propylamine	1300	980	ug/Kg	75				0	0		
	Hexachloroethane	1300	950	ug/Kg	73				0	0		
	Nitrobenzene	1300	970	ug/Kg	75				0	0		
	Isophorone	1300	960	ug/Kg	74				0	0		
	2-Nitrophenol	1300	1000	ug/Kg	77				0	0		
	2,4-Dimethylphenol	1300	940	ug/Kg	72				0	0		
	Bis(2-chloroethoxy)methane	1300	960	ug/Kg	74				0	0		
	2,4-Dichlorophenol	1300	1000	ug/Kg	77				0	0		
	Naphthalene	1300	950	ug/Kg	73				0	0		
	4-Chloroaniline	1300	890	ug/Kg	68				0	0		
	Hexachlorobutadiene	1300	950	ug/Kg	73				0	0		
	Caprolactam	1300	1000	ug/Kg	77				0	0		
	4-Chloro-3-methylphenol	1300	1000	ug/Kg	77				0	0		
	1-Methylnaphthalene	1300	980	ug/Kg	75				0	0		
	2-Methylnaphthalene	1300	970	ug/Kg	75				0	0		
	Hexachlorocyclopentadiene	1300	820	ug/Kg	63				0	0		
	2,4,6-Trichlorophenol	1300	1000	ug/Kg	77				0	0		
	2,4,5-Trichlorophenol	1300	1000	ug/Kg	77				0	0		
	1,1'-Biphenyl	1300	970	ug/Kg	75				0	0		
	2-Chloronaphthalene	1300	960	ug/Kg	74				0	0		
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Dimethylphthalate	1300	980	ug/Kg	75				0	0		
	2,6-Dinitrotoluene	1300	1000	ug/Kg	77				0	0		
	Acenaphthylene	1300	960	ug/Kg	74				0	0		
	3-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Acenaphthene	1300	950	ug/Kg	73				0	0		
	2,4-Dinitrophenol	1300	980	ug/Kg	75				0	0		
	4-Nitrophenol	1300	1000	ug/Kg	77				0	0		
	Dibenzofuran	1300	970	ug/Kg	75				0	0		
	2,4-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Diethylphthalate	1300	990	ug/Kg	76				0	0		
	Fluorene	1300	970	ug/Kg	75				0	0		
	4-Chlorophenyl-phenylether	1300	970	ug/Kg	75				0	0		
	4-Nitroaniline	1300	1100	ug/Kg	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN041924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160366BS	4,6-Dinitro-2-methylphenol	1300	1000	ug/Kg	77				0	0		
	N-Nitrosodiphenylamine	1300	1000	ug/Kg	77				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	990	ug/Kg	76				0	0		
	4-Bromophenyl-phenylether	1300	960	ug/Kg	74				0	0		
	Hexachlorobenzene	1300	980	ug/Kg	75				0	0		
	Atrazine	1300	890	ug/Kg	68				0	0		
	Pentachlorophenol	1300	1000	ug/Kg	77				0	0		
	Phenanthrene	1300	970	ug/Kg	75				0	0		
	Pentachlorobenzene	1300	960	ug/Kg	74				0	0		
	Anthracene	1300	940	ug/Kg	72				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Carbazole	1300	1000	ug/Kg	77				0	0		
	Di-n-butylphthalate	1300	1000	ug/Kg	77				0	0		
	Fluoranthene	1300	1000	ug/Kg	77				0	0		
	Pyrene	1300	1100	ug/Kg	85				0	0		
	Butylbenzylphthalate	1300	1100	ug/Kg	85				0	0		
	3,3'-Dichlorobenzidine	1300	1000	ug/Kg	77				0	0		
	Benzo(a)anthracene	1300	1000	ug/Kg	77				0	0		
	Chrysene	1300	1000	ug/Kg	77				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1000	ug/Kg	77				0	0		
	Di-n-octylphthalate	1300	1000	ug/Kg	77				0	0		
	Benzo(b)fluoranthene	1300	1000	ug/Kg	77				0	0		
	Benzo(k)fluoranthene	1300	1000	ug/Kg	77				0	0		
	Benzo(a)pyrene	1300	890	ug/Kg	68				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1000	ug/Kg	77				0	0		
	Dibenzo(a,h)anthracene	1300	1000	ug/Kg	77				0	0		
	Benzo(g,h,i)perylene	1300	980	ug/Kg	75				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1000	ug/Kg	77				0	0		



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Fax : 908 789 8922

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SSTD020368

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN041924

SAS No.: BN041924 SDG NO.: BN041924

Lab File ID: BN031044.D

Lab Sample ID: SSTDCCC020

Instrument ID: BNA_N

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 04/19/2024

Level: (low/med) LOW

Time Analyzed: 16:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SSTD020368	SSTDCCC020	BN031044.D	04/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK347

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN041924

SAS No.: BN041924 SDG NO.: BN041924

Lab File ID: BN031055.D

Lab Sample ID: PB160347BL

Instrument ID: BNA_N

Date Extracted: 04/17/2024

Matrix: (soil/water) Water

Date Analyzed: 04/20/2024

Level: (low/med) LOW

Time Analyzed: 01:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0RB6	P2159-01	BN031059.D	04/20/2024
C0RC1	P2159-02	BN031060.D	04/20/2024
C0RC4	P2159-03	BN031061.D	04/20/2024
MC0R80	P2159-04	BN031062.D	04/20/2024

COMMENTS: _____



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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK348

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN041924

SAS No.: BN041924 SDG NO.: BN041924

Lab File ID: BN031058.D

Lab Sample ID: PB160348BL

Instrument ID: BNA_N

Date Extracted: 04/17/2024

Matrix: (soil/water) Water

Date Analyzed: 04/20/2024

Level: (low/med) LOW

Time Analyzed: 03:38

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

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

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK366

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN041924

SAS No.: BN041924 SDG NO.: BN041924

Lab File ID: BN031052.D

Lab Sample ID: PB160366BL

Instrument ID: BNA_N

Date Extracted: 04/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 04/19/2024

Level: (low/med) LOW

Time Analyzed: 23:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB160366BS	PB160366BS	BN031053.D	04/19/2024
E07W9RX	P2145-01RX	BN031056.D	04/20/2024
E07Y0	P2145-06	BN031057.D	04/20/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN041924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SSTDCCC020	SSTD020368	BN031044.D	1,4-Dioxane-d8	8	8,213.00	102663	*	15	120
			Pyridine-d5	40	20,650.00	51625	*	20	120
			Phenol-d5	40	21,597.00	53992	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	20,601.00	51503	*	25	120
			2-Chlorophenol-d4	40	22,746.00	56865	*	20	130
			4-Methylphenol-d8	40	21,632.00	54080	*	25	125
			Nitrobenzene-d5	40	22,566.00	56415	*	20	125
			2-Nitrophenol-d4	40	25,528.00	63820	*	20	130
			2,4-Dichlorophenol-d3	40	22,694.00	56735	*	20	120
			4-Chloroaniline-d4	40	21,200.00	53000	*	1	146
			Dimethylphthalate-d6	40	21,865.00	54663	*	25	130
			Acenaphthylene-d8	40	22,050.00	55125	*	10	130
			4-Nitrophenol-d4	40	23,824.00	59560	*	10	150
			Fluorene-d10	40	22,263.00	55658	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	23,175.00	57938	*	10	130
			Anthracene-d10	40	22,080.00	55200	*	25	130
			Pyrene-d10	40	19,012.00	47530	*	15	130
			Benzo(a)pyrene-d12	40	21,600.00	54000	*	20	130

Surrogate Summary

SW-846

SDG No.: BN041924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2159-01	C0RB6	BN031059.D	1,4-Dioxane-d8	8	3.23	40		15	120
			Pyridine-d5	40	2.58	6	*	20	120
			Phenol-d5	40	4.00	10		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.90	67		25	120
			2-Chlorophenol-d4	40	16.76	42		20	130
			4-Methylphenol-d8	40	9.16	23	*	25	125
			Nitrobenzene-d5	40	28.40	71		20	125
			2-Nitrophenol-d4	40	21.99	55		20	130
			2,4-Dichlorophenol-d3	40	20.65	52		20	120
			4-Chloroaniline-d4	40	16.38	41		1	146
			Dimethylphthalate-d6	40	30.19	75		25	130
			Acenaphthylene-d8	40	30.42	76		10	130
			4-Nitrophenol-d4	40	3.25	8	*	10	150
			Fluorene-d10	40	31.23	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	17.24	43		10	130
			Anthracene-d10	40	32.95	82		25	130
			Pyrene-d10	40	31.05	78		15	130
			Benzo(a)pyrene-d12	40	33.73	84		20	130
P2159-02	C0RC1	BN031060.D	1,4-Dioxane-d8	8	3.07	38		15	120
			Pyridine-d5	40	5.68	14	*	20	120
			Phenol-d5	40	5.37	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.12	75		25	120
			2-Chlorophenol-d4	40	22.23	56		20	130
			4-Methylphenol-d8	40	13.40	33		25	125
			Nitrobenzene-d5	40	31.09	78		20	125
			2-Nitrophenol-d4	40	30.36	76		20	130
			2,4-Dichlorophenol-d3	40	26.74	67		20	120
			4-Chloroaniline-d4	40	22.04	55		1	146
			Dimethylphthalate-d6	40	31.18	78		25	130
			Acenaphthylene-d8	40	31.50	79		10	130
			4-Nitrophenol-d4	40	4.42	11		10	150
			Fluorene-d10	40	31.72	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.15	58		10	130
			Anthracene-d10	40	32.36	81		25	130
			Pyrene-d10	40	32.10	80		15	130
			Benzo(a)pyrene-d12	40	33.71	84		20	130
P2159-03	C0RC4	BN031061.D	1,4-Dioxane-d8	8	3.47	43		15	120
			Pyridine-d5	40	8.61	22		20	120
			Phenol-d5	40	5.24	13		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.90	75		25	120
			2-Chlorophenol-d4	40	22.33	56		20	130
			4-Methylphenol-d8	40	11.90	30		25	125
			Nitrobenzene-d5	40	32.05	80		20	125
			2-Nitrophenol-d4	40	30.59	76		20	130
			2,4-Dichlorophenol-d3	40	26.76	67		20	120
			4-Chloroaniline-d4	40	13.83	35		1	146
			Dimethylphthalate-d6	40	32.33	81		25	130
			Acenaphthylene-d8	40	30.27	76		10	130
			4-Nitrophenol-d4	40	4.32	11		10	150

Surrogate Summary

SW-846

SDG No.: BN041924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2159-03	C0RC4	BN031061.D	Fluorene-d10	40	33.24	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	18.03	45		10	130
			Anthracene-d10	40	33.00	83		25	130
			Pyrene-d10	40	32.65	82		15	130
			Benzo(a)pyrene-d12	40	32.68	82		20	130
P2159-04	MC0R80	BN031062.D	1,4-Dioxane-d8	8	4.09	51		15	120
			Pyridine-d5	40	6.83	17	*	20	120
			Phenol-d5	40	5.61	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.89	85		25	120
			2-Chlorophenol-d4	40	24.63	62		20	130
			4-Methylphenol-d8	40	14.31	36		25	125
			Nitrobenzene-d5	40	35.35	88		20	125
			2-Nitrophenol-d4	40	32.78	82		20	130
			2,4-Dichlorophenol-d3	40	29.55	74		20	120
			4-Chloroaniline-d4	40	27.47	69		1	146
			Dimethylphthalate-d6	40	36.20	91		25	130
			Acenaphthylene-d8	40	35.56	89		10	130
			4-Nitrophenol-d4	40	4.32	11		10	150
			Fluorene-d10	40	36.93	92		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.19	55		10	130
			Anthracene-d10	40	37.64	94		25	130
			Pyrene-d10	40	35.83	90		15	130
			Benzo(a)pyrene-d12	40	37.85	95		20	130
PB160347BL	PB160347BL	BN031055.D	1,4-Dioxane-d8	8	4.50	56		15	120
			Pyridine-d5	40	17.35	43		20	120
			Phenol-d5	40	21.11	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.95	55		25	120
			2-Chlorophenol-d4	40	21.79	54		20	130
			4-Methylphenol-d8	40	21.01	53		25	125
			Nitrobenzene-d5	40	22.77	57		20	125
			2-Nitrophenol-d4	40	22.26	56		20	130
			2,4-Dichlorophenol-d3	40	20.95	52		20	120
			4-Chloroaniline-d4	40	18.36	46		1	146
			Dimethylphthalate-d6	40	26.12	65		25	130
			Acenaphthylene-d8	40	24.85	62		10	130
			4-Nitrophenol-d4	40	21.82	55		10	150
			Fluorene-d10	40	25.73	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.34	48		10	130
			Anthracene-d10	40	25.95	65		25	130
			Pyrene-d10	40	24.60	62		15	130
			Benzo(a)pyrene-d12	40	25.60	64		20	130



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

Surrogate Summary

SW-846

SDG No.: BN041924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160348BL	PB160348BL	BN031058.D	Pyridine-d5	40	23.83	60		20	120
			1,4-Dioxane-d8	8	5.85	73		15	120
			Phenol-d5	40	30.33	76		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.43	79		25	120
			2-Chlorophenol-d4	40	31.48	79		20	130
			4-Methylphenol-d8	40	29.68	74		25	125
			Nitrobenzene-d5	40	32.47	81		20	125
			2-Nitrophenol-d4	40	32.13	80		20	130
			2,4-Dichlorophenol-d3	40	30.93	77		20	120
			4-Chloroaniline-d4	40	25.73	64		1	146
			Dimethylphthalate-d6	40	36.68	92		25	130
			Acenaphthylene-d8	40	36.06	90		10	130
			4-Nitrophenol-d4	40	30.93	77		10	150
			Fluorene-d10	40	37.08	93		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.50	61		10	130
			Anthracene-d10	40	37.08	93		25	130
			Pyrene-d10	40	34.06	85		15	130
			Benzo(a)pyrene-d12	40	37.83	95		20	130

Surrogate Summary

SW-846

SDG No.: BN041924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2145-01RX	E07W9RX	BN031056.D	Pyridine-d5	40	2.12	5	*	20	120
			1,4-Dioxane-d8	8	3.42	43		15	120
			Phenol-d5	40	1.69	4	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	19.52	49		10	150
			2-Chlorophenol-d4	40	2.04	5	*	15	120
			4-Methylphenol-d8	40	1.91	5	*	10	140
			Nitrobenzene-d5	40	17.45	44		10	135
			2-Nitrophenol-d4	40	15.82	40		10	120
			2,4-Dichlorophenol-d3	40	1.69	4	*	10	140
			4-Chloroaniline-d4	40	1.63	4		1	145
			Dimethylphthalate-d6	40	19.64	49		10	145
			Acenaphthylene-d8	40	1.83	5	*	15	120
			4-Nitrophenol-d4	40	1.48	4	*	10	150
			Fluorene-d10	40	4.24	11	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.86	25		10	130
			Anthracene-d10	40	2.01	5	*	10	150
			Pyrene-d10	40	2.03	5	*	10	130
			Benzo(a)pyrene-d12	40	1.94	5	*	10	140
P2145-06	E07Y0	BN031057.D	1,4-Dioxane-d8	8	3.40	42		15	120
			Pyridine-d5	40	9.78	24		20	120
			Phenol-d5	40	13.07	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.45	54		10	150
			2-Chlorophenol-d4	40	13.19	33		15	120
			4-Methylphenol-d8	40	12.22	31		10	140
			Nitrobenzene-d5	40	20.93	52		10	135
			2-Nitrophenol-d4	40	19.51	49		10	120
			2,4-Dichlorophenol-d3	40	13.25	33		10	140
			4-Chloroaniline-d4	40	8.43	21		1	145
			Dimethylphthalate-d6	40	23.96	60		10	145
			Acenaphthylene-d8	40	14.87	37		15	120
			4-Nitrophenol-d4	40	11.89	30		10	150
			Fluorene-d10	40	17.27	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.88	32		10	130
			Anthracene-d10	40	16.05	40		10	150
			Pyrene-d10	40	16.57	41		10	130
			Benzo(a)pyrene-d12	40	16.60	42		10	140
PB160366BL	PB160366BL	BN031052.D	1,4-Dioxane-d8	8	5.65	71		15	120
			Pyridine-d5	40	18.30	46		20	120
			Phenol-d5	40	25.64	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.85	67		10	150
			2-Chlorophenol-d4	40	26.68	67		15	120
			4-Methylphenol-d8	40	25.74	64		10	140
			Nitrobenzene-d5	40	28.07	70		10	135
			2-Nitrophenol-d4	40	28.21	71		10	120
			2,4-Dichlorophenol-d3	40	26.59	66		10	140
			4-Chloroaniline-d4	40	19.29	48		1	145
			Dimethylphthalate-d6	40	28.92	72		10	145
			Acenaphthylene-d8	40	28.84	72		15	120
			4-Nitrophenol-d4	40	24.59	61		10	150



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

Surrogate Summary

SW-846

SDG No.: BN041924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160366BL	PB160366BL	BN031052.D	Fluorene-d10	40	28.86	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.83	55		10	130
			Anthracene-d10	40	29.46	74		10	150
			Pyrene-d10	40	28.04	70		10	130
			Benzo(a)pyrene-d12	40	30.04	75		10	140
PB160366BS	PB160366BS	BN031053.D	1,4-Dioxane-d8	8	7.08	88		15	120
			Pyridine-d5	40	24.94	62		20	120
			Phenol-d5	40	31.33	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.94	75		10	150
			2-Chlorophenol-d4	40	30.97	77		15	120
			4-Methylphenol-d8	40	30.57	76		10	140
			Nitrobenzene-d5	40	31.03	78		10	135
			2-Nitrophenol-d4	40	31.21	78		10	120
			2,4-Dichlorophenol-d3	40	30.82	77		10	140
			4-Chloroaniline-d4	40	23.62	59		1	145
			Dimethylphthalate-d6	40	31.27	78		10	145
			Acenaphthylene-d8	40	31.05	78		15	120
			4-Nitrophenol-d4	40	32.00	80		10	150
			Fluorene-d10	40	30.89	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	30.86	77		10	130
			Anthracene-d10	40	31.40	78		10	150
			Pyrene-d10	40	32.30	81		10	130
			Benzo(a)pyrene-d12	40	31.52	79		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN041924

Lab Code: CHEM

SAS No.: BN041924 SDG NO.: BN041924

Lab File ID: BN031043.D

DFTPP Injection Date: 04/19/2024

Instrument ID: BNA_N

DFTPP Injection Time: 15:32

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.4
68	Less than 2.0% of mass 69	0.7 (2) 1
69	Mass 69 relative abundance	35.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.6
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	75.8
443	15.0 - 24.0% of mass 442	14 (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
SSTD020368	SSTDCCC020	BN031044.D	04/19/2024	16:58
SSTD005217	SSTD00538	BN031045.D	04/19/2024	17:44
SSTD010218	SSTD01039	BN031046.D	04/19/2024	18:24
SSTD020219	SSTD02040	BN031047.D	04/19/2024	19:04
SSTD040220	SSTD04041	BN031048.D	04/19/2024	19:43
SSTD080221	SSTD08042	BN031049.D	04/19/2024	20:23
SSTD160222	SSTD16043	BN031050.D	04/19/2024	21:03
SICV223	SSTDICV020	BN031051.D	04/19/2024	22:22
SBLK366	PB160366BL	BN031052.D	04/19/2024	23:02
SLCS366	PB160366BS	BN031053.D	04/19/2024	23:41
SSTD020368	SSTDCCC020	BN031054.D	04/20/2024	01:00
SBLK347	PB160347BL	BN031055.D	04/20/2024	01:40
E07W9RX	P2145-01RX	BN031056.D	04/20/2024	02:19
E07Y0	P2145-06	BN031057.D	04/20/2024	02:59
SBLK348	PB160348BL	BN031058.D	04/20/2024	03:38
C0RB6	P2159-01	BN031059.D	04/20/2024	04:18
C0RC1	P2159-02	BN031060.D	04/20/2024	04:57
C0RC4	P2159-03	BN031061.D	04/20/2024	05:36

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN041924

Lab Code: CHEM

SAS No.: BN041924

SDG NO.: BN041924

Lab File ID: BN031043.D

DFTPP Injection Date: 04/19/2024

Instrument ID: BNA_N

DFTPP Injection Time: 15:32

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.4
68	Less than 2.0% of mass 69	0.7 (2) 1
69	Mass 69 relative abundance	35.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.6
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	75.8
443	15.0 - 24.0% of mass 442	14 (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
MC0R80	P2159-04	BN031062.D	04/20/2024	06:16