

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060824 SAS No.: BN060824 SDG No.: BN060824

Instrument ID: BNA_N Calibration Date/Time: 6/8/2024 12:09:57

Lab File ID: BN031851.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020280 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.428	0.010	-17.2925	40.0
Benzaldehyde	0.804	0.710	0.010	-11.6911	40.0
Pyridine	1.361	1.222	0.010	-10.1871	40.0
Phenol	1.745	1.703	0.080	-2.4235	20.0
Bis(2-Chloroethyl)ether	1.443	1.315	0.100	-8.8749	20.0
2-Chlorophenol	1.369	1.367	0.200	-0.1367	20.0
2-Methylphenol	1.348	1.285	0.010	-4.6498	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.509	0.010	-9.1321	40.0
Acetophenone	2.118	1.967	0.060	-7.1434	20.0
4-Methylphenol	1.461	1.375	0.010	-5.8994	20.0
N-Nitroso-di-n-propylamine	1.098	0.941	0.050	-14.2771	30.0
Hexachloroethane	0.580	0.546	0.100	-5.8247	20.0
Nitrobenzene	0.364	0.353	0.050	-3.0753	25.0
Isophorone	0.747	0.657	0.050	-12.104	25.0
2-Nitrophenol	0.173	0.181	0.050	4.7786	25.0
2,4-Dimethylphenol	0.336	0.314	0.050	-6.3989	25.0
Bis(2-Chloroethoxy)methane	0.466	0.401	0.050	-13.9864	20.0
2,4-Dichlorophenol	0.291	0.295	0.060	1.4598	20.0
Naphthalene	1.035	1.018	0.200	-1.694	20.0
4-Chloroaniline	0.425	0.416	0.010	-2.1479	40.0
Hexachlorobutadiene	0.175	0.180	0.040	2.9252	30.0
Caprolactam	0.114	0.109	0.010	-4.0934	40.0
4-Chloro-3-methylphenol	0.340	0.334	0.040	-1.7464	25.0
1-Methylnaphthalene	0.710	0.679	0.100	-4.3894	20.0
2-Methylnaphthalene	0.708	0.680	0.100	-3.9081	20.0
Hexachlorocyclopentadiene	0.305	0.194	0.010	-36.4027	40.0
2,4,6-Trichlorophenol	0.359	0.357	0.090	-0.452	25.0
2,4,5-Trichlorophenol	0.390	0.394	0.100	0.9103	25.0
1,1-Biphenyl	1.407	1.349	0.200	-4.0763	20.0
2-Chloronaphthalene	1.102	1.088	0.300	-1.2472	20.0
2-Nitroaniline	0.319	0.323	0.050	1.1673	40.0
Dimethylphthalate	1.425	1.332	0.300	-6.4942	20.0
2,6-Dinitrotoluene	0.283	0.285	0.080	0.6486	30.0
Acenaphthylene	1.811	1.805	0.400	-0.2887	20.0
3-Nitroaniline	0.303	0.333	0.010	9.9384	40.0
Acenaphthene	1.198	1.178	0.200	-1.6818	20.0
2,4-Dinitrophenol	0.143	0.159	0.010	11.1808	40.0
4-Nitrophenol	0.207	0.237	0.010	14.7618	40.0
Dibenzofuran	1.628	1.620	0.300	-0.4994	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060824 SAS No.: BN060824 SDG No.: BN060824

Instrument ID: BNA_N Calibration Date/Time: 6/8/2024 12:09:57

Lab File ID: BN031851.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020280 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.416	0.428	0.070	3.0077	30.0
Diethylphthalate	1.470	1.356	0.300	-7.8018	20.0
Fluorene	1.311	1.315	0.200	0.319	20.0
4-Chlorophenyl-phenylether	0.635	0.616	0.100	-2.9568	20.0
4-Nitroaniline	0.288	0.352	0.010	22.0401	40.0
4,6-Dinitro-2-methylphenol	0.107	0.098	0.010	-8.141	40.0
N-Nitrosodiphenylamine	0.551	0.526	0.050	-4.5898	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.542	0.100	2.4858	20.0
4-Bromophenyl-phenylether	0.194	0.186	0.070	-4.1213	20.0
Hexachlorobenzene	0.220	0.216	0.050	-1.7895	25.0
Atrazine	0.174	0.157	0.010	-9.9694	25.0
Pentachlorophenol	0.141	0.141	0.010	0.5621	40.0
Phenanthrene	1.019	1.003	0.200	-1.5472	20.0
Pentachlorobenzene	0.251	0.246	0.050	-1.8559	20.0
Anthracene	1.032	1.040	0.200	0.7141	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.246	0.050	-4.4293	20.0
Carbazole	0.880	0.992	0.050	12.6741	40.0
Di-n-butylphthalate	1.211	1.163	0.500	-3.9992	25.0
Fluoranthene	1.279	1.506	0.400	17.7352	25.0
Pyrene	1.312	1.516	0.400	15.5374	25.0
Butylbenzylphthalate	0.620	0.706	0.100	13.9229	40.0
3,3-Dichlorobenzidine	0.384	0.380	0.010	-0.8838	40.0
Benzo (a) anthracene	1.339	1.351	0.300	0.9408	30.0
Chrysene	1.250	1.261	0.200	0.8491	30.0
Bis(2-ethylhexyl)phthalate	0.904	1.003	0.200	11.0593	40.0
Di-n-octyl phthalate	1.339	1.672	0.010	24.8591	40.0
Benzo (b) fluoranthene	1.195	1.155	0.200	-3.423	25.0
Benzo (k) fluoranthene	1.173	1.124	0.200	-4.1495	25.0
Benzo (a) pyrene	1.120	1.068	0.200	-4.5986	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.275	0.200	-1.1561	25.0
Dibenzo (a,h) anthracene	1.053	1.043	0.200	-1.0111	30.0
Benzo (g,h,i) perylene	1.026	1.017	0.200	-0.8758	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.337	0.040	3.161	20.0
1,4-Dioxane-d8	0.483	0.401	0.010	-16.9752	25.0
Pyridine-d5	1.361	1.232	0.010	-9.4569	40.0
Phenol-d5	1.715	1.668	0.010	-2.6967	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.893	0.050	-10.9451	25.0
2-Chlorophenol-d4	1.308	1.319	0.200	0.8073	20.0
4-Methylphenol-d8	1.398	1.319	0.010	-5.6364	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060824 SAS No.: BN060824 SDG No.: BN060824

Instrument ID: BNA_N Calibration Date/Time: 6/8/2024 12:09:57

Lab File ID: BN031851.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020280 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.155	0.050	1.0897	20.0
2-Nitrophenol-d4	0.158	0.167	0.050	6.0256	30.0
2,4-Dichlorophenol-d3	0.295	0.305	0.060	3.5758	20.0
4-Chloroaniline-d4	0.438	0.425	0.010	-2.8934	40.0
Dimethylphthalate-d6	1.393	1.275	0.300	-8.4948	20.0
Acenaphthylene-d8	1.602	1.555	0.400	-2.9267	20.0
4-Nitrophenol-d4	0.279	0.290	0.010	4.0846	40.0
Fluorene-d10	1.179	1.163	0.100	-1.374	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.092	0.010	-8.3797	40.0
Anthracene-d10	0.856	0.855	0.300	-0.0913	20.0
Pyrene-d10	1.070	1.270	0.300	18.7044	25.0
Benzo(a)pyrene-d12	0.955	0.925	0.010	-3.119	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.: BN060824 SAS No.: BN060824 SDG No.: BN060824

Instrument ID: BNA_N Calibration Date/Time: 6/8/2024 12:20:27

Lab File ID: BN031866.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020281 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.433	0.010	-16.2753	40.0
Benzaldehyde	0.804	0.727	0.010	-9.6148	40.0
Pyridine	1.361	1.192	0.010	-12.4328	40.0
Phenol	1.745	1.672	0.080	-4.1905	20.0
Bis(2-Chloroethyl) ether	1.443	1.307	0.100	-9.4346	20.0
2-Chlorophenol	1.369	1.355	0.200	-1.033	20.0
2-Methylphenol	1.348	1.268	0.010	-5.8935	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.476	0.010	-11.1071	40.0
Acetophenone	2.118	1.943	0.060	-8.256	20.0
4-Methylphenol	1.461	1.361	0.010	-6.8085	20.0
N-Nitroso-di-n-propylamine	1.098	0.931	0.050	-15.1946	30.0
Hexachloroethane	0.580	0.529	0.100	-8.7934	20.0
Nitrobenzene	0.364	0.350	0.050	-3.9163	25.0
Isophorone	0.747	0.628	0.050	-15.9835	25.0
2-Nitrophenol	0.173	0.180	0.050	4.2845	25.0
2,4-Dimethylphenol	0.336	0.309	0.050	-7.9421	25.0
Bis(2-Chloroethoxy) methane	0.466	0.400	0.050	-14.1985	20.0
2,4-Dichlorophenol	0.291	0.288	0.060	-0.976	20.0
Naphthalene	1.035	1.004	0.200	-3.0289	20.0
4-Chloroaniline	0.425	0.390	0.010	-8.2822	40.0
Hexachlorobutadiene	0.175	0.175	0.040	-0.1989	30.0
Caprolactam	0.114	0.103	0.010	-9.0682	40.0
4-Chloro-3-methylphenol	0.340	0.320	0.040	-5.8594	25.0
1-Methylnaphthalene	0.710	0.671	0.100	-5.4421	20.0
2-Methylnaphthalene	0.708	0.667	0.100	-5.7336	20.0
Hexachlorocyclopentadiene	0.305	0.158	0.010	-48.1603	40.0
2,4,6-Trichlorophenol	0.359	0.378	0.090	5.3984	25.0
2,4,5-Trichlorophenol	0.390	0.411	0.100	5.3231	25.0
1,1-Biphenyl	1.407	1.382	0.200	-1.7346	20.0
2-Chloronaphthalene	1.102	1.130	0.300	2.5966	20.0
2-Nitroaniline	0.319	0.324	0.050	1.5429	40.0
Dimethylphthalate	1.425	1.335	0.300	-6.3392	20.0
2,6-Dinitrotoluene	0.283	0.290	0.080	2.374	30.0
Acenaphthylene	1.811	1.815	0.400	0.2647	20.0
3-Nitroaniline	0.303	0.326	0.010	7.5879	40.0
Acenaphthene	1.198	1.174	0.200	-1.9642	20.0
2,4-Dinitrophenol	0.143	0.129	0.010	-9.9828	40.0
4-Nitrophenol	0.207	0.207	0.010	0.2345	40.0
Dibenzofuran	1.628	1.588	0.300	-2.4591	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060824 SAS No.: BN060824 SDG No.: BN060824

Instrument ID: BNA_N Calibration Date/Time: 6/8/2024 12:20:27

Lab File ID: BN031866.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020281 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.416	0.408	0.070	-1.8854	30.0
Diethylphthalate	1.470	1.325	0.300	-9.8963	20.0
Fluorene	1.311	1.283	0.200	-2.0946	20.0
4-Chlorophenyl-phenylether	0.635	0.619	0.100	-2.4363	20.0
4-Nitroaniline	0.288	0.314	0.010	8.8806	40.0
4,6-Dinitro-2-methylphenol	0.107	0.092	0.010	-13.8394	40.0
N-Nitrosodiphenylamine	0.551	0.597	0.050	8.2802	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.560	0.100	5.9605	20.0
4-Bromophenyl-phenylether	0.194	0.213	0.070	10.0059	20.0
Hexachlorobenzene	0.220	0.234	0.050	6.5254	25.0
Atrazine	0.174	0.170	0.010	-2.2883	25.0
Pentachlorophenol	0.141	0.130	0.010	-7.1313	40.0
Phenanthrene	1.019	1.022	0.200	0.301	20.0
Pentachlorobenzene	0.251	0.283	0.050	13.0248	20.0
Anthracene	1.032	1.027	0.200	-0.5194	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.300	0.050	16.4653	20.0
Carbazole	0.880	0.894	0.050	1.5831	40.0
Di-n-butylphthalate	1.211	1.184	0.500	-2.2286	25.0
Fluoranthene	1.279	1.457	0.400	13.9006	25.0
Pyrene	1.312	1.451	0.400	10.5346	25.0
Butylbenzylphthalate	0.620	0.653	0.100	5.3667	40.0
3,3-Dichlorobenzidine	0.384	0.329	0.010	-14.3197	40.0
Benzo (a) anthracene	1.339	1.314	0.300	-1.8687	30.0
Chrysene	1.250	1.202	0.200	-3.8372	30.0
Bis (2-ethylhexyl) phthalate	0.904	0.917	0.200	1.4838	40.0
Di-n-octyl phthalate	1.339	1.240	0.010	-7.3607	40.0
Benzo (b) fluoranthene	1.195	1.096	0.200	-8.2921	25.0
Benzo (k) fluoranthene	1.173	1.132	0.200	-3.5036	25.0
Benzo (a) pyrene	1.120	1.075	0.200	-3.9521	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.324	0.200	2.647	25.0
Dibenzo (a,h) anthracene	1.053	1.101	0.200	4.4811	30.0
Benzo (g,h,i) perylene	1.026	1.065	0.200	3.8093	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.326	0.040	-0.0632	20.0
1,4-Dioxane-d8	0.483	0.408	0.010	-15.5377	25.0
Pyridine-d5	1.361	1.214	0.010	-10.7975	40.0
Phenol-d5	1.715	1.640	0.010	-4.3413	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.886	0.050	-11.65	25.0
2-Chlorophenol-d4	1.308	1.313	0.200	0.3357	20.0
4-Methylphenol-d8	1.398	1.308	0.010	-6.4034	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN060824 SAS No.: BN060824 SDG No.: BN060824
 Instrument ID: BNA_N Calibration Date/Time: 6/8/2024 12:20:27
 Lab File ID: BN031866.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020281 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.154	0.050	0.8062	20.0
2-Nitrophenol-d4	0.158	0.171	0.050	8.1602	30.0
2,4-Dichlorophenol-d3	0.295	0.296	0.060	0.4901	20.0
4-Chloroaniline-d4	0.438	0.400	0.010	-8.6185	40.0
Dimethylphthalate-d6	1.393	1.302	0.300	-6.5385	20.0
Acenaphthylene-d8	1.602	1.605	0.400	0.2007	20.0
4-Nitrophenol-d4	0.279	0.253	0.010	-9.4813	40.0
Fluorene-d10	1.179	1.152	0.100	-2.2505	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.087	0.010	-13.4641	40.0
Anthracene-d10	0.856	0.856	0.300	-0.0213	20.0
Pyrene-d10	1.070	1.186	0.300	10.8138	25.0
Benzo(a)pyrene-d12	0.955	0.930	0.010	-2.5732	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.: BN060824 SAS No.: BN060824 SDG No.: BN060824

Instrument ID: BNA_N Calibration Date/Time: 6/8/2024 12:23:04

Lab File ID: BN031870.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020282 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.437	0.010	-15.4239	50.0
Benzaldehyde	0.804	0.745	0.010	-7.3744	50.0
Pyridine	1.361	1.200	0.010	-11.8393	50.0
Phenol	1.745	1.684	0.080	-3.4837	50.0
Bis(2-Chloroethyl)ether	1.443	1.319	0.100	-8.5769	50.0
2-Chlorophenol	1.369	1.351	0.200	-1.2936	50.0
2-Methylphenol	1.348	1.302	0.010	-3.4182	50.0
2,2-oxybis(1-Chloropropane)	1.661	1.538	0.010	-7.4153	50.0
Acetophenone	2.118	2.016	0.060	-4.8373	50.0
4-Methylphenol	1.461	1.412	0.010	-3.3801	50.0
N-Nitroso-di-n-propylamine	1.098	0.971	0.050	-11.5294	50.0
Hexachloroethane	0.580	0.531	0.100	-8.4326	50.0
Nitrobenzene	0.364	0.347	0.050	-4.8392	50.0
Isophorone	0.747	0.645	0.050	-13.7427	50.0
2-Nitrophenol	0.173	0.177	0.050	2.3006	50.0
2,4-Dimethylphenol	0.336	0.321	0.050	-4.5176	50.0
Bis(2-Chloroethoxy)methane	0.466	0.402	0.050	-13.649	50.0
2,4-Dichlorophenol	0.291	0.289	0.060	-0.7013	50.0
Naphthalene	1.035	0.999	0.200	-3.5308	50.0
4-Chloroaniline	0.425	0.406	0.010	-4.4412	50.0
Hexachlorobutadiene	0.175	0.173	0.040	-0.811	50.0
Caprolactam	0.114	0.100	0.010	-11.8227	50.0
4-Chloro-3-methylphenol	0.340	0.326	0.040	-4.1298	50.0
1-Methylnaphthalene	0.710	0.686	0.100	-3.356	50.0
2-Methylnaphthalene	0.708	0.685	0.100	-3.1164	50.0
Hexachlorocyclopentadiene	0.305	0.132	0.010	-56.735	50.0
2,4,6-Trichlorophenol	0.359	0.375	0.090	4.4645	50.0
2,4,5-Trichlorophenol	0.390	0.412	0.100	5.5115	50.0
1,1-Biphenyl	1.407	1.386	0.200	-1.488	50.0
2-Chloronaphthalene	1.102	1.117	0.300	1.3993	50.0
2-Nitroaniline	0.319	0.318	0.050	-0.4813	50.0
Dimethylphthalate	1.425	1.332	0.300	-6.5079	50.0
2,6-Dinitrotoluene	0.283	0.291	0.080	2.5824	50.0
Acenaphthylene	1.811	1.834	0.400	1.3003	50.0
3-Nitroaniline	0.303	0.318	0.010	5.0155	50.0
Acenaphthene	1.198	1.196	0.200	-0.14	50.0
2,4-Dinitrophenol	0.143	0.103	0.010	-28.31	50.0
4-Nitrophenol	0.207	0.193	0.010	-6.8557	50.0
Dibenzofuran	1.628	1.618	0.300	-0.6007	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060824 SAS No.: BN060824 SDG No.: BN060824

Instrument ID: BNA_N Calibration Date/Time: 6/8/2024 12:23:04

Lab File ID: BN031870.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020282 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.416	0.414	0.070	-0.4828	50.0
Diethylphthalate	1.470	1.326	0.300	-9.7977	50.0
Fluorene	1.311	1.298	0.200	-0.9692	50.0
4-Chlorophenyl-phenylether	0.635	0.624	0.100	-1.7562	50.0
4-Nitroaniline	0.288	0.308	0.010	6.8333	50.0
4,6-Dinitro-2-methylphenol	0.107	0.095	0.010	-10.6577	50.0
N-Nitrosodiphenylamine	0.551	0.591	0.050	7.1922	50.0
1,2,4,5-Tetrachlorobenzene	0.529	0.552	0.100	4.3606	50.0
4-Bromophenyl-phenylether	0.194	0.207	0.070	7.0751	50.0
Hexachlorobenzene	0.220	0.229	0.050	4.4387	50.0
Atrazine	0.174	0.163	0.010	-6.1137	50.0
Pentachlorophenol	0.141	0.133	0.010	-5.1006	50.0
Phenanthrene	1.019	1.028	0.200	0.9414	50.0
Pentachlorobenzene	0.251	0.269	0.050	7.4238	50.0
Anthracene	1.032	1.046	0.200	1.3646	50.0
1,2,3,4-Tetrachlorobenzene	0.257	0.287	0.050	11.5948	50.0
Carbazole	0.880	0.916	0.050	4.0589	50.0
Di-n-butylphthalate	1.211	1.206	0.500	-0.4558	50.0
Fluoranthene	1.279	1.524	0.400	19.1434	50.0
Pyrene	1.312	1.501	0.400	14.3531	50.0
Butylbenzylphthalate	0.620	0.681	0.100	9.8645	50.0
3,3-Dichlorobenzidine	0.384	0.360	0.010	-6.1693	50.0
Benzo (a) anthracene	1.339	1.316	0.300	-1.691	50.0
Chrysene	1.250	1.205	0.200	-3.5938	50.0
Bis(2-ethylhexyl)phthalate	0.904	0.988	0.200	9.3676	50.0
Di-n-octyl phthalate	1.339	1.428	0.010	6.6241	50.0
Benzo (b) fluoranthene	1.195	1.131	0.200	-5.4233	50.0
Benzo (k) fluoranthene	1.173	1.162	0.200	-0.9781	50.0
Benzo (a) pyrene	1.120	1.111	0.200	-0.8113	50.0
Indeno (1,2,3-cd) pyrene	1.290	1.312	0.200	1.72	50.0
Dibenzo (a,h) anthracene	1.053	1.081	0.200	2.5943	50.0
Benzo (g,h,i) perylene	1.026	1.054	0.200	2.743	50.0
2,3,4,6-Tetrachlorophenol	0.326	0.325	0.040	-0.263	50.0
1,4-Dioxane-d8	0.483	0.394	0.010	-18.4241	50.0
Pyridine-d5	1.361	1.221	0.010	-10.267	50.0
Phenol-d5	1.715	1.652	0.010	-3.6404	50.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.895	0.050	-10.7262	50.0
2-Chlorophenol-d4	1.308	1.304	0.200	-0.3319	50.0
4-Methylphenol-d8	1.398	1.342	0.010	-3.9722	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060824 SAS No.: BN060824 SDG No.: BN060824

Instrument ID: BNA_N Calibration Date/Time: 6/8/2024 12:23:04

Lab File ID: BN031870.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020282 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.154	0.050	0.3978	50.0
2-Nitrophenol-d4	0.158	0.165	0.050	4.6959	50.0
2,4-Dichlorophenol-d3	0.295	0.300	0.060	1.6611	50.0
4-Chloroaniline-d4	0.438	0.414	0.010	-5.4345	50.0
Dimethylphthalate-d6	1.393	1.312	0.300	-5.8644	50.0
Acenaphthylene-d8	1.602	1.604	0.400	0.1062	50.0
4-Nitrophenol-d4	0.279	0.255	0.010	-8.4496	50.0
Fluorene-d10	1.179	1.148	0.100	-2.5857	50.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.087	0.010	-13.1642	50.0
Anthracene-d10	0.856	0.866	0.300	1.1452	50.0
Pyrene-d10	1.070	1.229	0.300	14.8207	50.0
Benzo(a)pyrene-d12	0.955	0.937	0.010	-1.9254	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	SBLK227	SDG No.:	BN060824
Lab Sample ID:	PB161227BL	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
BN031852.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

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:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	SBLK227	SDG No.:	BN060824
Lab Sample ID:	PB161227BL	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
BN031852.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

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:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	SBLK227	SDG No.:	BN060824
Lab Sample ID:	PB161227BL	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
BN031852.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

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	4.706		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	25.362		20-120		63	SPK: -40
4165-62-2	Phenol-d5	27.714		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.085		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.786		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.916		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	27.864		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.488		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.156		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.155		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.387		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	26.208		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.424		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	25.8		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	SBLK227	SDG No.:	BN060824
Lab Sample ID:	PB161227BL	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
BN031852.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.534		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	27.36		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	29.911		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.458		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	597062	7.669				
1146-65-2	Naphthalene-d8	2771049	10.451				
15067-26-2	Acenaphthene-d10	1792140	14.316				
1517-22-2	Phenanthrene-d10	3539011	17.063				
1719-03-5	Chrysene-d12	2474690	21.298				
1520-96-3	Perylene-d12	2816934	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBW8	SDG No.:	BN060824
Lab Sample ID:	P2634-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
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
BN031853.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.8	79	ug/Kg
100-52-7	Benzaldehyde	57	U	57	97.7	390	ug/Kg
110-86-1	Pyridine	14	U	14	200	390	ug/Kg
108-95-2	Phenol	53	U	53	97.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97.7	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.3	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.7	390	ug/Kg
98-86-2	Acetophenone	70	U	70	97.7	390	ug/Kg
106-44-5	4-Methylphenol	49	U	49	97.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.3	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.3	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.3	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.3	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.3	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.3	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50.3	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.3	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.3	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.3	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	50.3	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	97.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBW8	SDG No.:	BN060824
Lab Sample ID:	P2634-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
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
BN031853.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	50.3	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.3	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.3	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.3	200	ug/Kg
208-96-8	Acenaphthylene	160	J	54	50.3	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	97.7	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.7	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.7	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	50.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.3	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	50.3	200	ug/Kg
86-73-7	Fluorene	69	U	69	50.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.3	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50.3	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.3	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.3	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97.7	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97.7	390	ug/Kg
85-01-8	Phenanthrene	640		63	50.3	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.3	200	ug/Kg
120-12-7	Anthracene	130	J	56	50.3	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50.3	200	ug/Kg
86-74-8	Carbazole	72	U	72	97.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	50.3	200	ug/Kg
206-44-0	Fluoranthene	1500		53	97.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBW8	SDG No.:	BN060824
Lab Sample ID:	P2634-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
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
BN031853.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		54	50.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	59	J	51	50.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	97.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	670		46	50.3	200	ug/Kg
218-01-9	Chrysene	760		54	50.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200		51	50.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	850		57	50.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	290		69	50.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	660		67	50.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	390		53	50.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	62	50.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	480		54	50.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	62	50.3	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.813		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	22.163		20-120		55	SPK: -40
4165-62-2	Phenol-d5	29.235		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.436		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.318		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	27.914		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	30.669		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.864		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.434		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.947		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.65		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	29.805		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.02		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	29.782		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBW8	SDG No.:	BN060824
Lab Sample ID:	P2634-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
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
BN031853.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.607		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	29.934		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	36.321		10-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.859		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	457735	7.669				
1146-65-2	Naphthalene-d8	2016396	10.451				
15067-26-2	Acenaphthene-d10	1221426	14.316				
1517-22-2	Phenanthrene-d10	2521806	17.063				
1719-03-5	Chrysene-d12	1780379	21.304				
1520-96-3	Perylene-d12	1967948	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	240	J			3.446	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	100	J			7.275	
001119-40-0	Pentanedioic acid, dimethyl ester	81	J			9.393	
000770-35-4	1-Phenoxypropan-2-ol	190	J			11.198	
002531-84-2	Phenanthrene, 2-methyl-	180	J			17.939	
000057-10-3	n-Hexadecanoic acid	570	J			17.969	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	280	J			18.128	
000613-12-7	Anthracene, 2-methyl-	130	J			18.169	
006572-60-7	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4	100	J			18.445	
000084-65-1	9,10-Anthracenedione	130	J			18.486	
003674-66-6	Phenanthrene, 2,5-dimethyl-	240	J			18.863	
001576-69-8	Phenanthrene, 2,7-dimethyl-	120	J			18.922	
005737-13-3	Cyclopenta(def)phenanthrenone	160	J			19.004	
002381-21-7	Pyrene, 1-methyl-	120	J			19.816	
000243-17-4	11H-Benzo[b]fluorene	130	J			19.986	
033543-31-6	Fluoranthene, 2-methyl-	110	J			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	83	J			20.739	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBW8	SDG No.:	BN060824
Lab Sample ID:	P2634-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.8
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
BN031853.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002136-70-1	Ethanol, 2-(tetradecyloxy)-	190	J			20.986	
	(DEL) Alkane: Straight-Chain22.051	86	J			22.051	
000112-84-5	13-Docosenamide, (Z)-	100	J			22.669	
000192-97-2	Benzo[e]pyrene	98	J			23.545	
000198-55-0	Perylene	390	J			23.974	
E966796	Total Alkanes	86				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX4	SDG No.:	BN060824
Lab Sample ID:	P2634-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
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
BN031854.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.5	76	ug/Kg
100-52-7	Benzaldehyde	55	U	55	94.2	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	51	U	51	94.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	94.2	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.5	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	94.2	380	ug/Kg
98-86-2	Acetophenone	67	U	67	94.2	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	94.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48.5	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.5	190	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.5	190	ug/Kg
78-59-1	Isophorone	41	U	41	48.5	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.7	U	9.7	48.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	48.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.5	190	ug/Kg
91-20-3	Naphthalene	38	U	38	48.5	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	48.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	48.5	190	ug/Kg
105-60-2	Caprolactam	46	U	46	94.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	94.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX4	SDG No.:	BN060824
Lab Sample ID:	P2634-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
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
BN031854.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	48.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48.5	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.5	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	48.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.5	190	ug/Kg
208-96-8	Acenaphthylene	150	J	53	48.5	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	94.2	380	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	94.2	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94.2	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	48.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.5	190	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.5	190	ug/Kg
86-73-7	Fluorene	66	U	66	48.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	48.5	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	94.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	94.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	48.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	48.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.5	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.5	190	ug/Kg
1912-24-9	Atrazine	13	U	13	94.2	380	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	94.2	380	ug/Kg
85-01-8	Phenanthrene	630		61	48.5	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.5	190	ug/Kg
120-12-7	Anthracene	150	J	54	48.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.5	190	ug/Kg
86-74-8	Carbazole	70	U	70	94.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.5	190	ug/Kg
206-44-0	Fluoranthene	1300		51	94.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX4	SDG No.:	BN060824
Lab Sample ID:	P2634-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
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
BN031854.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		53	48.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	94.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	600		45	48.5	190	ug/Kg
218-01-9	Chrysene	700		53	48.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	J	49	48.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	94.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	780		55	48.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	280		66	48.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	590		65	48.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	400		51	48.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	59	48.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	480		53	48.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	48.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.814		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	27.538		20-120		69	SPK: -40
4165-62-2	Phenol-d5	33.574		10-130		84	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.429		10-150		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.235		15-120		91	SPK: -40
190780-66-6	4-Methylphenol-d8	31.323		10-140		78	SPK: -40
4165-60-0	Nitrobenzene-d5	36.531		10-135		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.46		10-120		99	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.617		10-140		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.225		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.599		10-145		84	SPK: -40
93951-97-4	Acenaphthylene-d8	35.228		15-120		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.252		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	33.158		20-140		83	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX4	SDG No.:	BN060824
Lab Sample ID:	P2634-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
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
BN031854.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.289		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	35.08		10-150		88	SPK: -40
1718-52-1	Pyrene-d10	37.013		10-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.1		10-140		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	585703	7.669				
1146-65-2	Naphthalene-d8	2491196	10.451				
15067-26-2	Acenaphthene-d10	1493031	14.316				
1517-22-2	Phenanthrene-d10	2732255	17.063				
1719-03-5	Chrysene-d12	1927716	21.304				
1520-96-3	Perylene-d12	2448186	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	100	J			3.452	
001119-40-0	Pentanedioic acid, dimethyl ester	80	J			9.393	
000770-35-4	1-Phenoxypropan-2-ol	96	J			11.198	
000613-12-7	Anthracene, 2-methyl-	170	J			17.939	
000057-10-3	n-Hexadecanoic acid	530	J			17.969	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	270	J			18.128	
000832-69-9	Phenanthrene, 1-methyl-	110	J			18.169	
000612-94-2	Naphthalene, 2-phenyl-	90	J			18.445	
000084-65-1	9,10-Anthracenedione	130	J			18.486	
003674-66-6	Phenanthrene, 2,5-dimethyl-	160	J			18.863	
007469-40-1	Naphthalene, 1,2-dihydro-4-phenyl-	80	J			18.922	
005737-13-3	Cyclopenta(def)phenanthrenone	130	J			19.004	
002381-21-7	Pyrene, 1-methyl-	100	J			19.822	
000243-17-4	11H-Benzo[b]fluorene	110	J			19.986	
033543-31-6	Fluoranthene, 2-methyl-	84	J			20.151	
	(DEL) Alkane: Cyclic20.986	200	J			20.986	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			21.051	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX4	SDG No.:	BN060824
Lab Sample ID:	P2634-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
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
BN031854.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002422-79-9	Benz[a]anthracene, 12-methyl-	84	J			22.045	
000112-84-5	13-Docosenamide, (Z)-	160	J			22.668	
000198-55-0	Perylene	320	J			23.974	
E966796	Total Alkanes	200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX5	SDG No.:	BN060824
Lab Sample ID:	P2634-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN031855.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.8	78	ug/Kg
100-52-7	Benzaldehyde	56	U	56	97.1	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	97.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97.1	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.1	390	ug/Kg
98-86-2	Acetophenone	69	U	69	97.1	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	97.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50	200	ug/Kg
78-59-1	Isophorone	42	U	42	50	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50	200	ug/Kg
91-20-3	Naphthalene	45	J	39	50	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	97.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX5	SDG No.:	BN060824
Lab Sample ID:	P2634-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN031855.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50	200	ug/Kg
208-96-8	Acenaphthylene	230		54	50	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	97.1	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.1	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.1	390	ug/Kg
132-64-9	Dibenzofuran	47	J	47	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	50	200	ug/Kg
86-73-7	Fluorene	81	J	68	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97.1	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97.1	390	ug/Kg
85-01-8	Phenanthrene	1900		62	50	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	50	200	ug/Kg
120-12-7	Anthracene	290		55	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50	200	ug/Kg
86-74-8	Carbazole	310	J	72	97.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	50	200	ug/Kg
206-44-0	Fluoranthene	4500	E	53	97.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX5	SDG No.:	BN060824
Lab Sample ID:	P2634-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN031855.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3900	E	54	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	97.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	1800		46	50	200	ug/Kg
218-01-9	Chrysene	2200		54	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300		56	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	890		68	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	1800		67	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		53	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	360		61	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		54	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.249		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	21.582		20-120		54	SPK: -40
4165-62-2	Phenol-d5	31.041		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.087		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.478		15-120		84	SPK: -40
190780-66-6	4-Methylphenol-d8	26.922		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	33.319		10-135		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.007		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.609		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.922		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.798		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	32.747		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.925		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	31.714		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX5	SDG No.:	BN060824
Lab Sample ID:	P2634-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
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
BN031855.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.293		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	32.32		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	40.304		10-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.226		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	360544	7.669				
1146-65-2	Naphthalene-d8	1550762	10.451				
15067-26-2	Acenaphthene-d10	967667	14.316				
1517-22-2	Phenanthrene-d10	1972512	17.063				
1719-03-5	Chrysene-d12	1161110	21.304				
1520-96-3	Perylene-d12	1344378	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	150	J			3.446	
001119-40-0	Pentanedioic acid, dimethyl ester	80	J			9.393	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.198	
000486-25-9	9H-Fluoren-9-one	110	J			16.722	
000233-02-3	Naphtho[2,1-b]thiophene	120	J			16.881	
000613-12-7	Anthracene, 2-methyl-	280	J			17.939	
002531-84-2	Phenanthrene, 2-methyl-	600	J			17.986	
000832-64-4	Phenanthrene, 4-methyl-	87	J			18.069	
000203-64-5	4H-Cyclopenta[def]phenanthrene	500	J			18.133	
000779-02-2	Anthracene, 9-methyl-	170	J			18.169	
000612-94-2	Naphthalene, 2-phenyl-	250	J			18.445	
000084-65-1	9,10-Anthracenedione	350	J			18.486	
003674-69-9	Phenanthrene, 4,5-dimethyl-	87	J			18.692	
003674-66-6	Phenanthrene, 2,5-dimethyl-	230	J			18.863	
005737-13-3	Cyclopenta(def)phenanthrenone	240	J			19.01	
002381-21-7	Pyrene, 1-methyl-	130	J			19.822	
033543-31-6	Fluoranthene, 2-methyl-	82	J			19.957	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX5	SDG No.:	BN060824
Lab Sample ID:	P2634-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN031855.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000243-17-4	11H-Benzo[b]fluorene	120	J			19.986	
003353-12-6	Pyrene, 4-methyl-	110	J			20.145	
000479-79-8	11H-Benzo[a]fluoren-11-one	110	J			20.739	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	120	J			20.91	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	83	J			20.951	
027208-37-3	Cyclopenta[cd]pyrene	190	J			20.992	
000082-05-3	7H-Benz[de]anthracen-7-one	140	J			21.057	
002541-69-7	Benz[a]anthracene, 7-methyl-	82	J			22.045	
000112-84-5	13-Docosenamide, (Z)-	110	J			22.668	
000192-97-2	Benzo[e]pyrene	290	J			23.551	
000198-55-0	Perylene	1100	J			23.98	
	unknown-01	570	J			24.315	
E966796	Total Alkanes	54	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX9	SDG No.:	BN060824
Lab Sample ID:	P2634-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
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
BN031856.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

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	95.9	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	95.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	95.9	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	49.4	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	95.9	380	ug/Kg
98-86-2	Acetophenone	69	U	69	95.9	380	ug/Kg
106-44-5	4-Methylphenol	48	U	48	95.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.4	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.4	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	49.4	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.4	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.9	U	9.9	49.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	49.4	200	ug/Kg
91-20-3	Naphthalene	43	J	38	49.4	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.4	200	ug/Kg
105-60-2	Caprolactam	47	U	47	95.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	J	22	49.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	54	J	43	49.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	95.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX9	SDG No.:	BN060824
Lab Sample ID:	P2634-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
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
BN031856.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	49.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49.4	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.4	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.4	200	ug/Kg
208-96-8	Acenaphthylene	82	J	53	49.4	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	95.9	380	ug/Kg
83-32-9	Acenaphthene	58	U	58	49.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	95.9	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	95.9	380	ug/Kg
132-64-9	Dibenzofuran	47	U	47	49.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.4	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	49.4	200	ug/Kg
86-73-7	Fluorene	67	U	67	49.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.4	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	95.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	95.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	49.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	49.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	49.4	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.4	200	ug/Kg
1912-24-9	Atrazine	13	U	13	95.9	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	95.9	380	ug/Kg
85-01-8	Phenanthrene	640		62	49.4	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.4	200	ug/Kg
120-12-7	Anthracene	120	J	55	49.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5	U	6.5	49.4	200	ug/Kg
86-74-8	Carbazole	71	U	71	95.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	49.4	200	ug/Kg
206-44-0	Fluoranthene	1500		52	95.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX9	SDG No.:	BN060824
Lab Sample ID:	P2634-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
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
BN031856.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		53	49.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	85	J	50	49.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	95.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	580		45	49.4	200	ug/Kg
218-01-9	Chrysene	790		53	49.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	J	50	49.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	95.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	920		56	49.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	280		67	49.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	430		66	49.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	350		52	49.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	60	49.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65	J	53	49.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	49.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.359		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	7.643	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	25.754		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.825		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.532		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	21.747		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	28.603		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.54		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.978		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.571		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.501		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	28.97		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.855		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	29.787		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX9	SDG No.:	BN060824
Lab Sample ID:	P2634-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031856.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.431		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	30.982		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	34.51		10-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.108		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	400595	7.669				
1146-65-2	Naphthalene-d8	1697442	10.451				
15067-26-2	Acenaphthene-d10	1070611	14.316				
1517-22-2	Phenanthrene-d10	2082065	17.063				
1719-03-5	Chrysene-d12	1269149	21.304				
1520-96-3	Perylene-d12	1451029	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	130	J			3.693	
000100-42-5	Styrene	220	J			5.675	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.198	
	(DEL) Alkane: Straight-Chain16.034	95	J			16.034	
020071-09-4	Benzene, 1,1-(1,2-cyclobutanediyl	140	J			16.669	
000486-25-9	9H-Fluoren-9-one	95	J			16.722	
1000383-55-1	2-Methyldibenzothiophene	93	J			17.645	
002531-84-2	Phenanthrene, 2-methyl-	180	J			17.939	
000057-10-3	n-Hexadecanoic acid	170	J			17.969	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	230	J			18.128	
000613-12-7	Anthracene, 2-methyl-	110	J			18.169	
000612-94-2	Naphthalene, 2-phenyl-	140	J			18.445	
000084-65-1	9,10-Anthracenedione	100	J			18.486	
001576-67-6	Phenanthrene, 3,6-dimethyl-	93	J			18.739	
003674-66-6	Phenanthrene, 2,5-dimethyl-	170	J			18.863	
005737-13-3	Cyclopenta(def)phenanthrenone	120	J			19.004	
002381-21-7	Pyrene, 1-methyl-	130	J			19.816	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX9	SDG No.:	BN060824
Lab Sample ID:	P2634-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
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
BN031856.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000243-17-4	11H-Benzo[b]fluorene	85	J			19.992	
000479-79-8	11H-Benzo[a]fluoren-11-one	94	J			20.739	
028336-57-4	Cyclohexane, 1,3,5-triphenyl-	270	J			20.968	
003558-24-5	1H-Indole, 1-methyl-2-phenyl-	270	J			21.504	
	unknown-02	320	J			21.569	
	unknown-03	97	J			21.621	
	unknown-04	120	J			21.663	
	(DEL) Alkane: Straight-Chain22.051	120	J			22.051	
000301-02-0	9-Octadecenamide, (Z)-	170	J			22.668	
E966796	Total Alkanes	220				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBS4	SDG No.:	BN060824
Lab Sample ID:	P2647-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
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
BN031857.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8	81	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99.6	400	ug/Kg
110-86-1	Pyridine	14	U	14	200	400	ug/Kg
108-95-2	Phenol	54	U	54	99.6	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99.6	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.3	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.6	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99.6	400	ug/Kg
98-86-2	Acetophenone	71	U	71	99.6	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	99.6	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.3	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.3	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.3	210	ug/Kg
78-59-1	Isophorone	43	U	43	51.3	210	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	51.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.3	210	ug/Kg
91-20-3	Naphthalene	40	U	40	51.3	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.3	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51.3	210	ug/Kg
105-60-2	Caprolactam	48	U	48	99.6	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	51.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	42	J	23	51.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99.6	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBS4	SDG No.:	BN060824
Lab Sample ID:	P2647-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
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
BN031857.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.3	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.3	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51.3	210	ug/Kg
208-96-8	Acenaphthylene	56	U	56	51.3	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99.6	400	ug/Kg
83-32-9	Acenaphthene	60	U	60	51.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	99.6	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99.6	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	51.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.3	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.3	210	ug/Kg
86-73-7	Fluorene	70	U	70	51.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.3	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99.6	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99.6	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.3	210	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.3	210	ug/Kg
1912-24-9	Atrazine	13	U	13	99.6	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	99.6	400	ug/Kg
85-01-8	Phenanthrene	350		64	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	51.3	210	ug/Kg
120-12-7	Anthracene	63	J	57	51.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.3	210	ug/Kg
86-74-8	Carbazole	74	U	74	99.6	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.3	210	ug/Kg
206-44-0	Fluoranthene	570		54	99.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBS4	SDG No.:	BN060824
Lab Sample ID:	P2647-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
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
BN031857.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	420		56	51.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99.6	400	ug/Kg
56-55-3	Benzo(a)anthracene	220		47	51.3	210	ug/Kg
218-01-9	Chrysene	250		56	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	J	52	51.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99.6	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	270		58	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	83	J	70	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	69	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86	J	54	51.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	51.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.561		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	8.638		20-120		22	SPK: -40
4165-62-2	Phenol-d5	21.252		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.837		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.648		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	18.232		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	24.411		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.708		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.935		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.943		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.797		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	24.217		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.484		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	24.064		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBS4	SDG No.:	BN060824
Lab Sample ID:	P2647-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.2
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
BN031857.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.14		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	24.968		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	28.007		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.263		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	409514	7.669				
1146-65-2	Naphthalene-d8	1735120	10.452				
15067-26-2	Acenaphthene-d10	1055378	14.316				
1517-22-2	Phenanthrene-d10	2089617	17.063				
1719-03-5	Chrysene-d12	1264935	21.304				
1520-96-3	Perylene-d12	1479794	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
000067-63-0	Isopropyl Alcohol	150	J			3.446	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.199	
000057-10-3	n-Hexadecanoic acid	94	J			17.969	
000832-69-9	Phenanthrene, 1-methyl-	110	J			18.128	
1000406-04-8	Pentadecafluorooctanoic acid, octa	190	J			20.986	
E966796	Total Alkanes	56	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT0	SDG No.:	BN060824
Lab Sample ID:	P2647-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BN031858.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.5	75	ug/Kg
100-52-7	Benzaldehyde	54	U	54	93.2	370	ug/Kg
110-86-1	Pyridine	14	U	14	190	370	ug/Kg
108-95-2	Phenol	51	U	51	93.2	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	93.2	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	93.2	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	93.2	370	ug/Kg
98-86-2	Acetophenone	67	U	67	93.2	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	93.2	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48	190	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48	190	ug/Kg
78-59-1	Isophorone	41	U	41	48	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.6	U	9.6	48	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	48	190	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	48	190	ug/Kg
91-20-3	Naphthalene	37	U	37	48	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	48	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	48	190	ug/Kg
105-60-2	Caprolactam	45	U	45	93.2	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48	190	ug/Kg
90-12-0	1-Methylnaphthalene	40	J	21	48	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	93.2	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	48	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT0	SDG No.:	BN060824
Lab Sample ID:	P2647-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BN031858.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	48	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	48	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	48	190	ug/Kg
208-96-8	Acenaphthylene	52	U	52	48	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	93.2	370	ug/Kg
83-32-9	Acenaphthene	57	U	57	48	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	93.2	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	93.2	370	ug/Kg
132-64-9	Dibenzofuran	45	U	45	48	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48	190	ug/Kg
84-66-2	Diethylphthalate	46	U	46	48	190	ug/Kg
86-73-7	Fluorene	66	U	66	48	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	48	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	93.2	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	93.2	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	48	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	48	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48	190	ug/Kg
1912-24-9	Atrazine	12	U	12	93.2	370	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	93.2	370	ug/Kg
85-01-8	Phenanthrene	120	J	60	48	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48	190	ug/Kg
120-12-7	Anthracene	53	U	53	48	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.3	U	6.3	48	190	ug/Kg
86-74-8	Carbazole	69	U	69	93.2	370	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	48	190	ug/Kg
206-44-0	Fluoranthene	210		51	93.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT0	SDG No.:	BN060824
Lab Sample ID:	P2647-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BN031858.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	180	J	52	48	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	93.2	370	ug/Kg
56-55-3	Benzo(a)anthracene	84	J	44	48	190	ug/Kg
218-01-9	Chrysene	100	J	52	48	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	330		49	48	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	93.2	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	54	48	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	66	U	66	48	190	ug/Kg
50-32-8	Benzo(a)pyrene	81	J	64	48	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	J	51	48	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	48	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63	J	52	48	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	48	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.247		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	19.771		20-120		49	SPK: -40
4165-62-2	Phenol-d5	25.703		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.49		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.144		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	24.581		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	27.833		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.92		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.654		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.222		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.723		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	27.142		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.29		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	26.982		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT0	SDG No.:	BN060824
Lab Sample ID:	P2647-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BN031858.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.899		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	27.135		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	32.256		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.716		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	388795	7.669				
1146-65-2	Naphthalene-d8	1662741	10.457				
15067-26-2	Acenaphthene-d10	1032072	14.316				
1517-22-2	Phenanthrene-d10	1964490	17.063				
1719-03-5	Chrysene-d12	1267103	21.304				
1520-96-3	Perylene-d12	1467165	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	80	J			7.275	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	290	J			13.21	
000057-10-3	n-Hexadecanoic acid	290	J			17.968	
1000406-04-8	Pentadecafluorooctanoic acid, octa	180	J			20.986	
E966796	Total Alkanes	52	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT3	SDG No.:	BN060824
Lab Sample ID:	P2647-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.7
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
BN031859.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.4	75	ug/Kg
100-52-7	Benzaldehyde	54	U	54	92.4	370	ug/Kg
110-86-1	Pyridine	13	U	13	180	370	ug/Kg
108-95-2	Phenol	50	U	50	92.4	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	92.4	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	47.6	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.4	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	92.4	370	ug/Kg
98-86-2	Acetophenone	66	U	66	92.4	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	92.4	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	41	U	41	47.6	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	47.6	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	47.6	190	ug/Kg
78-59-1	Isophorone	40	U	40	47.6	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	47.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.5	U	9.5	47.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	47.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	47.6	190	ug/Kg
91-20-3	Naphthalene	37	U	37	47.6	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	47.6	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	47.6	190	ug/Kg
105-60-2	Caprolactam	45	U	45	92.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40	U	40	47.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	45	J	21	47.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	J	41	47.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	92.4	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	47.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	47.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT3	SDG No.:	BN060824
Lab Sample ID:	P2647-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.7
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
BN031859.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	47.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	47.6	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.6	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	47.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	47.6	190	ug/Kg
208-96-8	Acenaphthylene	52	U	52	47.6	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	92.4	370	ug/Kg
83-32-9	Acenaphthene	56	U	56	47.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	92.4	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	92.4	370	ug/Kg
132-64-9	Dibenzofuran	45	U	45	47.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	47.6	190	ug/Kg
84-66-2	Diethylphthalate	46	U	46	47.6	190	ug/Kg
86-73-7	Fluorene	65	U	65	47.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	47.6	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	92.4	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	92.4	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	47.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	47.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	47.6	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.6	190	ug/Kg
1912-24-9	Atrazine	12	U	12	92.4	370	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	92.4	370	ug/Kg
85-01-8	Phenanthrene	430		59	47.6	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	47.6	190	ug/Kg
120-12-7	Anthracene	69	J	53	47.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.3	U	6.3	47.6	190	ug/Kg
86-74-8	Carbazole	68	U	68	92.4	370	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	47.6	190	ug/Kg
206-44-0	Fluoranthene	860		50	92.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT3	SDG No.:	BN060824
Lab Sample ID:	P2647-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.7
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
BN031859.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	650		52	47.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	47.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	92.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	330		44	47.6	190	ug/Kg
218-01-9	Chrysene	410		52	47.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	J	48	47.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	92.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	480		54	47.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	65	47.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	200		64	47.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	50	47.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	69	J	58	47.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	47.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	47.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.334		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	5.779	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	22.166		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.312		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.467		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	20.005		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	23.087		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.012		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.141		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.589		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.375		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	23.596		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.495		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	23.78		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT3	SDG No.:	BN060824
Lab Sample ID:	P2647-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.7
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
BN031859.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.287		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	23.675		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	26.307		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.618		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	372125	7.669				
1146-65-2	Naphthalene-d8	1606465	10.452				
15067-26-2	Acenaphthene-d10	987850	14.316				
1517-22-2	Phenanthrene-d10	1907563	17.063				
1719-03-5	Chrysene-d12	1166294	21.304				
1520-96-3	Perylene-d12	1327972	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain16.051	94	J			16.051	
002531-84-2	Phenanthrene, 2-methyl-	97	J			17.939	
000057-10-3	n-Hexadecanoic acid	360	J			17.969	
000832-69-9	Phenanthrene, 1-methyl-	160	J			18.128	
000613-12-7	Anthracene, 2-methyl-	77	J			18.169	
003674-66-6	Phenanthrene, 2,5-dimethyl-	120	J			18.863	
005737-13-3	Cyclopenta(def)phenanthrenone	81	J			19.004	
033543-31-6	Fluoranthene, 2-methyl-	93	J			19.816	
000122-69-0	Cinnamyl cinnamate	440	J			20.822	
1000406-04-8	Pentadecafluorooctanoic acid, octa	200	J			20.986	
	(DEL) Alkane: Straight-Chain22.051	120	J			22.051	
000557-61-9	Octacosanol	190	J			23.469	
E966796	Total Alkanes	210				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT4	SDG No.:	BN060824
Lab Sample ID:	P2647-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10
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
BN031860.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.3	74	ug/Kg
100-52-7	Benzaldehyde	53	U	53	91.4	370	ug/Kg
110-86-1	Pyridine	13	U	13	180	370	ug/Kg
108-95-2	Phenol	50	U	50	91.4	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	91.4	370	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	47.1	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91.4	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	91.4	370	ug/Kg
98-86-2	Acetophenone	65	U	65	91.4	370	ug/Kg
106-44-5	4-Methylphenol	45	U	45	91.4	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	41	U	41	47.1	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	47.1	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	47.1	190	ug/Kg
78-59-1	Isophorone	40	U	40	47.1	190	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	47.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.4	U	9.4	47.1	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	34	U	34	47.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	47.1	190	ug/Kg
91-20-3	Naphthalene	37	U	37	47.1	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	47.1	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	47.1	190	ug/Kg
105-60-2	Caprolactam	44	U	44	91.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40	U	40	47.1	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	47.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	47.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	91.4	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	47.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT4	SDG No.:	BN060824
Lab Sample ID:	P2647-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10
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
BN031860.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	47.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	47.1	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	47.1	190	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	47.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	47.1	190	ug/Kg
208-96-8	Acenaphthylene	51	U	51	47.1	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	91.4	370	ug/Kg
83-32-9	Acenaphthene	55	U	55	47.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	35	U	35	91.4	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	91.4	370	ug/Kg
132-64-9	Dibenzofuran	44	U	44	47.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	47.1	190	ug/Kg
84-66-2	Diethylphthalate	45	U	45	47.1	190	ug/Kg
86-73-7	Fluorene	64	U	64	47.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	47.1	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	91.4	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	91.4	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	47.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	47.1	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	47.1	190	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	47.1	190	ug/Kg
1912-24-9	Atrazine	12	U	12	91.4	370	ug/Kg
87-86-5	Pentachlorophenol	42	U	42	91.4	370	ug/Kg
85-01-8	Phenanthrene	83	J	59	47.1	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	47.1	190	ug/Kg
120-12-7	Anthracene	52	U	52	47.1	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.2	U	6.2	47.1	190	ug/Kg
86-74-8	Carbazole	68	U	68	91.4	370	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	47.1	190	ug/Kg
206-44-0	Fluoranthene	180	J	50	91.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT4	SDG No.:	BN060824
Lab Sample ID:	P2647-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10
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
BN031860.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170	J	51	47.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	47.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	91.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	70	J	43	47.1	190	ug/Kg
218-01-9	Chrysene	89	J	51	47.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	47.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	91.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	53	47.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	64	U	64	47.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	71	J	63	47.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	47.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	47.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	J	51	47.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	47.1	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.998		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	14.048		20-120		35	SPK: -40
4165-62-2	Phenol-d5	25.301		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.169		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.943		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	24.567		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	27.123		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.154		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.102		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.58		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.673		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	26.906		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.405		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	27.888		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT4	SDG No.:	BN060824
Lab Sample ID:	P2647-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10
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
BN031860.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.868		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	25.818		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	32.307		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.889		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	374499	7.669				
1146-65-2	Naphthalene-d8	1603219	10.451				
15067-26-2	Acenaphthene-d10	1002707	14.316				
1517-22-2	Phenanthrene-d10	2013608	17.063				
1719-03-5	Chrysene-d12	1312813	21.304				
1520-96-3	Perylene-d12	1427315	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000130-15-4	1,4-Naphthalenedione	78	J			13.563	
000057-10-3	n-Hexadecanoic acid	250	J			17.963	
	(DEL) Alkane: Cyclic	260	J			20.986	
E966796	Total Alkanes	260				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBW7	SDG No.:	BN060824
Lab Sample ID:	P2634-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN031861.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.8	78	ug/Kg
100-52-7	Benzaldehyde	56	U	56	97.1	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	97.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97.1	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.1	390	ug/Kg
98-86-2	Acetophenone	69	U	69	97.1	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	97.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50	200	ug/Kg
78-59-1	Isophorone	42	U	42	50	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	97.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBW7	SDG No.:	BN060824
Lab Sample ID:	P2634-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN031861.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50	200	ug/Kg
208-96-8	Acenaphthylene	66	J	54	50	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	97.1	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.1	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.1	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	50	200	ug/Kg
86-73-7	Fluorene	68	U	68	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97.1	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97.1	390	ug/Kg
85-01-8	Phenanthrene	410		62	50	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	50	200	ug/Kg
120-12-7	Anthracene	77	J	55	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50	200	ug/Kg
86-74-8	Carbazole	72	U	72	97.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	50	200	ug/Kg
206-44-0	Fluoranthene	1000		53	97.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBW7	SDG No.:	BN060824
Lab Sample ID:	P2634-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN031861.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	840		54	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	160	J	51	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	97.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	410		46	50	200	ug/Kg
218-01-9	Chrysene	490		54	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	470		51	50	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	590		56	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	68	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	280		67	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210		53	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84	J	61	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.789		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	11.729		20-120		29	SPK: -40
4165-62-2	Phenol-d5	24.29		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.527		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.633		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	22.267		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	26.615		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.757		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.623		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.22		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.117		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	26.345		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.208		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	26.104		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBW7	SDG No.:	BN060824
Lab Sample ID:	P2634-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN031861.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.83		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	26.39		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	31.213		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.812		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	453665	7.669				
1146-65-2	Naphthalene-d8	1939970	10.452				
15067-26-2	Acenaphthene-d10	1202268	14.316				
1517-22-2	Phenanthrene-d10	2305089	17.063				
1719-03-5	Chrysene-d12	1416996	21.304				
1520-96-3	Perylene-d12	1617732	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	250	J			3.446	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	130	J			7.275	
000770-35-4	1-Phenoxypropan-2-ol	170	J			11.199	
000613-12-7	Anthracene, 2-methyl-	83	J			17.939	
000057-10-3	n-Hexadecanoic acid	390	J			17.969	
000203-64-5	4H-Cyclopenta[def]phenanthrene	150	J			18.128	
000084-65-1	9,10-Anthracenedione	82	J			18.486	
003674-66-6	Phenanthrene, 2,5-dimethyl-	110	J			18.863	
005737-13-3	Cyclopenta(def)phenanthrenone	86	J			19.004	
000057-11-4	Octadecanoic acid	130	J			19.251	
002381-21-7	Pyrene, 1-methyl-	93	J			19.816	
1000406-04-8	Pentadecafluorooctanoic acid, octa	220	J			20.986	
	(DEL) Alkane: Straight-Chain22.051	110	J			22.051	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX2	SDG No.:	BN060824
Lab Sample ID:	P2634-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
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
BN031862.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.8	78	ug/Kg
100-52-7	Benzaldehyde	56	U	56	97	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	97	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97	390	ug/Kg
98-86-2	Acetophenone	69	U	69	97	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	97	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	50	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50	200	ug/Kg
78-59-1	Isophorone	42	U	42	50	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	97	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX2	SDG No.:	BN060824
Lab Sample ID:	P2634-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
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
BN031862.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50	200	ug/Kg
208-96-8	Acenaphthylene	110	J	54	50	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	97	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	50	200	ug/Kg
86-73-7	Fluorene	68	U	68	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97	390	ug/Kg
85-01-8	Phenanthrene	690		62	50	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	50	200	ug/Kg
120-12-7	Anthracene	120	J	55	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50	200	ug/Kg
86-74-8	Carbazole	72	U	72	97	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	50	200	ug/Kg
206-44-0	Fluoranthene	1600		53	97	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX2	SDG No.:	BN060824
Lab Sample ID:	P2634-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
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
BN031862.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		54	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	180	J	51	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	97	390	ug/Kg
56-55-3	Benzo(a)anthracene	650		46	50	200	ug/Kg
218-01-9	Chrysene	800		54	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	370		51	50	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	980		56	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	230		68	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	420		67	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	340		53	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	61	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	J	54	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.635		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	5.718	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	28.519		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.287		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.784		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	25.792		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	31.341		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.703		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.11		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.477		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.739		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	31.658		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.093		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	31.236		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX2	SDG No.:	BN060824
Lab Sample ID:	P2634-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
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
BN031862.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.416		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	30.351		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	35.464		10-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.446		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	423724	7.669				
1146-65-2	Naphthalene-d8	1818608	10.451				
15067-26-2	Acenaphthene-d10	1112501	14.316				
1517-22-2	Phenanthrene-d10	2173934	17.063				
1719-03-5	Chrysene-d12	1304651	21.304				
1520-96-3	Perylene-d12	1533511	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	83	J			11.198	
000613-12-7	Anthracene, 2-methyl-	170	J			17.939	
000057-10-3	n-Hexadecanoic acid	610	J			17.969	
000203-64-5	4H-Cyclopenta[def]phenanthrene	260	J			18.133	
000779-02-2	Anthracene, 9-methyl-	120	J			18.169	
006572-60-7	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4	110	J			18.445	
000084-65-1	9,10-Anthracenedione	130	J			18.486	
003674-66-6	Phenanthrene, 2,5-dimethyl-	170	J			18.863	
005737-13-3	Cyclopenta(def)phenanthrenone	130	J			19.004	
033543-31-6	Fluoranthene, 2-methyl-	120	J			19.816	
000243-17-4	11H-Benzo[b]fluorene	140	J			19.992	
002381-21-7	Pyrene, 1-methyl-	83	J			20.151	
1000406-04-8	Pentadecafluorooctanoic acid, octa	280	J			20.986	
	(DEL) Alkane: Straight-Chain22.051	220	J			22.051	
000112-84-5	13-Docosenamide, (Z)-	150	J			22.674	
	(DEL) Alkane: Straight-Chain23.474	430	J			23.474	
E966796	Total Alkanes	650				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX2	SDG No.:	BN060824
Lab Sample ID:	P2634-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.2
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
BN031862.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

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

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX3	SDG No.:	BN060824
Lab Sample ID:	P2634-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
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
BN031863.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.7	77	ug/Kg
100-52-7	Benzaldehyde	56	U	56	95.7	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	95.7	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	95.7	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	49.3	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.7	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	95.7	380	ug/Kg
98-86-2	Acetophenone	68	U	68	95.7	380	ug/Kg
106-44-5	4-Methylphenol	48	U	48	95.7	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.3	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.3	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	49.3	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.3	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.9	U	9.9	49.3	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	49.3	200	ug/Kg
91-20-3	Naphthalene	38	U	38	49.3	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49.3	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.3	200	ug/Kg
105-60-2	Caprolactam	46	U	46	95.7	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.3	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49.3	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	95.7	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX3	SDG No.:	BN060824
Lab Sample ID:	P2634-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
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
BN031863.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	49.3	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49.3	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.3	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.3	200	ug/Kg
208-96-8	Acenaphthylene	220		53	49.3	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	95.7	380	ug/Kg
83-32-9	Acenaphthene	58	U	58	49.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	95.7	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	95.7	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	49.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.3	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	49.3	200	ug/Kg
86-73-7	Fluorene	67	U	67	49.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.3	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	95.7	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	95.7	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	49.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	49.3	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	49.3	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.3	200	ug/Kg
1912-24-9	Atrazine	13	U	13	95.7	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	95.7	380	ug/Kg
85-01-8	Phenanthrene	970		61	49.3	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.3	200	ug/Kg
120-12-7	Anthracene	200		55	49.3	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5	U	6.5	49.3	200	ug/Kg
86-74-8	Carbazole	94	J	71	95.7	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	49.3	200	ug/Kg
206-44-0	Fluoranthene	2700		52	95.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX3	SDG No.:	BN060824
Lab Sample ID:	P2634-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
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
BN031863.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2300		53	49.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	150	J	50	49.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	95.7	380	ug/Kg
56-55-3	Benzo(a)anthracene	1300		45	49.3	200	ug/Kg
218-01-9	Chrysene	1500		53	49.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	610		50	49.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	95.7	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		56	49.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	670		67	49.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	870		66	49.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	680		52	49.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270		60	49.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	J	53	49.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	49.3	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.972		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	9.674		20-120		24	SPK: -40
4165-62-2	Phenol-d5	28.424		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.73		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.786		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.641		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	30.084		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.459		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.94		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.79		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.783		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	31.954		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.035		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	32.074		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX3	SDG No.:	BN060824
Lab Sample ID:	P2634-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
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
BN031863.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.29		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	32.268		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	36.73		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.367		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	429290	7.669				
1146-65-2	Naphthalene-d8	1890110	10.452				
15067-26-2	Acenaphthene-d10	1169564	14.316				
1517-22-2	Phenanthrene-d10	2407434	17.069				
1719-03-5	Chrysene-d12	1459025	21.31				
1520-96-3	Perylene-d12	1715414	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	100	J			11.199	
1000383-55-1	2-Methyldibenzothiophene	100	J			17.645	
002531-84-2	Phenanthrene, 2-methyl-	290	J			17.939	
000057-10-3	n-Hexadecanoic acid	730	J			17.975	
000203-64-5	4H-Cyclopenta[def]phenanthrene	460	J			18.134	
000613-12-7	Anthracene, 2-methyl-	200	J			18.175	
000612-94-2	Naphthalene, 2-phenyl-	180	J			18.445	
000084-65-1	9,10-Anthracenedione	230	J			18.492	
003674-66-6	Phenanthrene, 2,5-dimethyl-	92	J			18.692	
001576-67-6	Phenanthrene, 3,6-dimethyl-	110	J			18.745	
000781-43-1	9,10-Dimethylanthracene	310	J			18.863	
005737-13-3	Cyclopenta(def)phenanthrenone	250	J			19.01	
002381-21-7	Pyrene, 1-methyl-	150	J			19.822	
000243-17-4	11H-Benzo[b]fluorene	85	J			19.957	
000238-84-6	11H-Benzo[a]fluorene	160	J			19.992	
033543-31-6	Fluoranthene, 2-methyl-	100	J			20.151	
003442-78-2	Pyrene, 2-methyl-	77	J			20.339	

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX3	SDG No.:	BN060824
Lab Sample ID:	P2634-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
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
BN031863.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000479-79-8	11H-Benzo[a]fluoren-11-one	140	J			20.739	
	(DEL) Alkane: Cyclic20.986	190	J			20.986	
000082-05-3	7H-Benz[de]anthracen-7-one	89	J			21.057	
002381-31-9	Benz[a]anthracene, 8-methyl-	84	J			21.98	
002422-79-9	Benz[a]anthracene, 12-methyl-	110	J			22.051	
000112-84-5	13-Docosenamide, (Z)-	200	J			22.669	
000192-97-2	Benzo[e]pyrene	350	J			23.557	
000198-55-0	Perylene	380	J			23.98	
E966796	Total Alkanes	190				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BH5T6	SDG No.:	BN060824
Lab Sample ID:	P2647-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.4
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
BN031864.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

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	96.1	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	96.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	96.1	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	49.5	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	96.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	96.1	380	ug/Kg
98-86-2	Acetophenone	69	U	69	96.1	380	ug/Kg
106-44-5	4-Methylphenol	48	U	48	96.1	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.5	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.5	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	49.5	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.5	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.9	U	9.9	49.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	49.5	200	ug/Kg
91-20-3	Naphthalene	38	U	38	49.5	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.5	200	ug/Kg
105-60-2	Caprolactam	47	U	47	96.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	96.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BH5T6	SDG No.:	BN060824
Lab Sample ID:	P2647-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.4
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
BN031864.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.5	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	96.1	380	ug/Kg
83-32-9	Acenaphthene	58	U	58	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	96.1	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	96.1	380	ug/Kg
132-64-9	Dibenzofuran	47	U	47	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.5	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	49.5	200	ug/Kg
86-73-7	Fluorene	68	U	68	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	96.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	96.1	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.5	200	ug/Kg
1912-24-9	Atrazine	13	U	13	96.1	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	96.1	380	ug/Kg
85-01-8	Phenanthrene	62	U	62	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.5	200	ug/Kg
120-12-7	Anthracene	55	U	55	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5	U	6.5	49.5	200	ug/Kg
86-74-8	Carbazole	71	U	71	96.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	49.5	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	96.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BH5T6	SDG No.:	BN060824
Lab Sample ID:	P2647-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.4
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
BN031864.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	96.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49.5	200	ug/Kg
218-01-9	Chrysene	54	U	54	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	96.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	56	U	56	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	66	U	66	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.504		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	9.597		20-120		24	SPK: -40
4165-62-2	Phenol-d5	15.537		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.5		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.656		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	15.297		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	16.966		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.142		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.665		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.349		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.547		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	16.734		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.904		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	15.751		20-140		39	SPK: -40

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BH5T6	SDG No.:	BN060824
Lab Sample ID:	P2647-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.4
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
BN031864.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.254		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	15.118		10-150		38	SPK: -40
1718-52-1	Pyrene-d10	18.093		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.19		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	457734	7.669				
1146-65-2	Naphthalene-d8	1920909	10.451				
15067-26-2	Acenaphthene-d10	1114695	14.316				
1517-22-2	Phenanthrene-d10	1866204	17.063				
1719-03-5	Chrysene-d12	1283685	21.304				
1520-96-3	Perylene-d12	1550018	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	110	J			17.963	
	(DEL) Alkane: Cyclic	79	J			20.986	
000112-84-5	13-Docosenamide, (Z)-	160	J			22.669	
E966796	Total Alkanes	79				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BH5T7	SDG No.:	BN060824
Lab Sample ID:	P2647-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
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
BN031865.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

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	94.7	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	94.7	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	94.7	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.8	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.7	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	94.7	380	ug/Kg
98-86-2	Acetophenone	68	U	68	94.7	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	94.7	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48.8	200	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.8	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.8	200	ug/Kg
78-59-1	Isophorone	41	U	41	48.8	200	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.8	U	9.8	48.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	48.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.8	200	ug/Kg
91-20-3	Naphthalene	38	U	38	48.8	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	48.8	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	48.8	200	ug/Kg
105-60-2	Caprolactam	46	U	46	94.7	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	94.7	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BH5T7	SDG No.:	BN060824
Lab Sample ID:	P2647-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
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
BN031865.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	48.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.8	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.8	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	48.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.8	200	ug/Kg
208-96-8	Acenaphthylene	53	U	53	48.8	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	94.7	380	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	94.7	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94.7	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	48.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.8	200	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.8	200	ug/Kg
86-73-7	Fluorene	67	U	67	48.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	48.8	200	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	94.7	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	94.7	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	48.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	48.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.8	200	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.8	200	ug/Kg
1912-24-9	Atrazine	13	U	13	94.7	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	94.7	380	ug/Kg
85-01-8	Phenanthrene	61	U	61	48.8	200	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.8	200	ug/Kg
120-12-7	Anthracene	54	U	54	48.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.8	200	ug/Kg
86-74-8	Carbazole	70	U	70	94.7	380	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.8	200	ug/Kg
206-44-0	Fluoranthene	78	J	52	94.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BH5T7	SDG No.:	BN060824
Lab Sample ID:	P2647-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
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
BN031865.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	70	J	53	48.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	94.7	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	J	45	48.8	200	ug/Kg
218-01-9	Chrysene	53	U	53	48.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	48.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	94.7	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	65	J	55	48.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	67	U	67	48.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	65	U	65	48.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	48.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	48.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	48.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	48.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.826		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	19.458		20-120		49	SPK: -40
4165-62-2	Phenol-d5	32.153		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.726		10-150		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.591		15-120		84	SPK: -40
190780-66-6	4-Methylphenol-d8	31.8		10-140		79	SPK: -40
4165-60-0	Nitrobenzene-d5	34.034		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.91		10-120		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.506		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.946		1-145		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.176		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	34.04		15-120		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.266		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	32.457		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BH5T7	SDG No.:	BN060824
Lab Sample ID:	P2647-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
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
BN031865.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.181		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	32.102		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	37.719		10-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.22		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	399967	7.669				
1146-65-2	Naphthalene-d8	1737165	10.451				
15067-26-2	Acenaphthene-d10	1038910	14.316				
1517-22-2	Phenanthrene-d10	1866221	17.063				
1719-03-5	Chrysene-d12	1227826	21.304				
1520-96-3	Perylene-d12	1435590	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	230	J			3.446	
001119-40-0	Pentanedioic acid, dimethyl ester	99	J			9.393	
000770-35-4	1-Phenoxypropan-2-ol	210	J			11.198	
000057-10-3	n-Hexadecanoic acid	250	J			17.963	
000506-52-5	1-Hexacosanol	260	J			20.986	
000112-84-5	13-Docosenamide, (Z)-	260	J			22.663	
E966796	Total Alkanes	53	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	SBLK227	SDG No.:	BN060824
Lab Sample ID:	PB161227BL	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
BN031867.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

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:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	SBLK227	SDG No.:	BN060824
Lab Sample ID:	PB161227BL	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
BN031867.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

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:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	SBLK227	SDG No.:	BN060824
Lab Sample ID:	PB161227BL	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
BN031867.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

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	4.568		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	24.613		20-120		62	SPK: -40
4165-62-2	Phenol-d5	28.002		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.794		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.706		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	28.465		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	28.273		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.933		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.268		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.526		1-145		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.581		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	25.669		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.945		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	25.435		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	5/31/2024 12:00:00 AM
Project:		Date Received:	5/31/2024 12:00:00 AM
Client Sample ID:	SBLK227	SDG No.:	BN060824
Lab Sample ID:	PB161227BL	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
BN031867.D	1	5/31/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.065		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	26.777		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	31.125		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.107		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	567710	7.669				
1146-65-2	Naphthalene-d8	2651756	10.452				
15067-26-2	Acenaphthene-d10	1800602	14.316				
1517-22-2	Phenanthrene-d10	3613111	17.063				
1719-03-5	Chrysene-d12	2511800	21.298				
1520-96-3	Perylene-d12	2709635	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX5DL	SDG No.:	BN060824
Lab Sample ID:	P2634-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN031868.D	5	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	71	U	71	38.8	390	ug/Kg
100-52-7	Benzaldehyde	280	U	280	490	1900	ug/Kg
110-86-1	Pyridine	71	U	71	970	1900	ug/Kg
108-95-2	Phenol	260	U	260	490	1900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	210	U	210	490	1900	ug/Kg
95-57-8	2-Chlorophenol	130	U	130	250	1000	ug/Kg
95-48-7	2-Methylphenol	230	U	230	490	1900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	170	490	1900	ug/Kg
98-86-2	Acetophenone	350	U	350	490	1900	ug/Kg
106-44-5	4-Methylphenol	240	U	240	490	1900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	220	U	220	250	1000	ug/Kg
67-72-1	Hexachloroethane	94	U	94	250	1000	ug/Kg
98-95-3	Nitrobenzene	160	U	160	250	1000	ug/Kg
78-59-1	Isophorone	210	U	210	250	1000	ug/Kg
88-75-5	2-Nitrophenol	180	U	180	250	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	50	U	50	250	1000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	180	U	180	250	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	200	U	200	250	1000	ug/Kg
91-20-3	Naphthalene	190	U	190	250	1000	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	250	1900	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	150	250	1000	ug/Kg
105-60-2	Caprolactam	240	U	240	490	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	210	U	210	250	1000	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	250	1000	ug/Kg
91-57-6	2-Methylnaphthalene	220	U	220	250	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	490	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	290	U	290	250	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	290	U	290	250	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX5DL	SDG No.:	BN060824
Lab Sample ID:	P2634-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN031868.D	5	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	270	U	270	250	1000	ug/Kg
91-58-7	2-Chloronaphthalene	260	U	260	250	1000	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	250	1000	ug/Kg
131-11-3	Dimethylphthalate	220	U	220	250	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	U	150	250	1000	ug/Kg
208-96-8	Acenaphthylene	270	U	270	250	1000	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	490	1900	ug/Kg
83-32-9	Acenaphthene	290	U	290	250	1000	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	490	1900	ug/Kg
100-02-7	4-Nitrophenol	65	U	65	490	1900	ug/Kg
132-64-9	Dibenzofuran	240	U	240	250	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	76	U	76	250	1000	ug/Kg
84-66-2	Diethylphthalate	240	U	240	250	1000	ug/Kg
86-73-7	Fluorene	340	U	340	250	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	250	1000	ug/Kg
100-01-6	4-Nitroaniline	94	U	94	490	1900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	490	1900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	260	U	260	250	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	260	U	260	250	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	580	U	580	250	1000	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	250	1000	ug/Kg
1912-24-9	Atrazine	65	U	65	490	1900	ug/Kg
87-86-5	Pentachlorophenol	220	U	220	490	1900	ug/Kg
85-01-8	Phenanthrene	2500	D	310	250	1000	ug/Kg
608-93-5	Pentachlorobenzene	210	U	210	250	1000	ug/Kg
120-12-7	Anthracene	350	JD	280	250	1000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	250	1000	ug/Kg
86-74-8	Carbazole	360	U	360	490	1900	ug/Kg
84-74-2	Di-n-butylphthalate	340	U	340	250	1000	ug/Kg
206-44-0	Fluoranthene	5200	D	260	490	1000	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX5DL	SDG No.:	BN060824
Lab Sample ID:	P2634-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN031868.D	5	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4500	D	270	250	1000	ug/Kg
85-68-7	Butylbenzylphthalate	250	U	250	250	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	U	150	490	1900	ug/Kg
56-55-3	Benzo(a)anthracene	2100	D	230	250	1000	ug/Kg
218-01-9	Chrysene	2600	D	270	250	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250	U	250	250	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	250	U	250	490	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	3000	D	280	250	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	960	JD	340	250	1000	ug/Kg
50-32-8	Benzo(a)pyrene	2100	D	340	250	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400	D	260	250	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	440	JD	310	250	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700	D	270	250	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	310	U	310	250	1000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.13		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	25.155		20-120		63	SPK: -40
4165-62-2	Phenol-d5	35.38		10-130		88	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.995		10-150		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	38.235		15-120		96	SPK: -40
190780-66-6	4-Methylphenol-d8	30.99		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	38.26		10-135		96	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.015		10-120		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.295		10-140		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.575		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.165		10-145		93	SPK: -40
93951-97-4	Acenaphthylene-d8	39.16		15-120		98	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.02		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	37.32		20-140		93	SPK: -40

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	BHBX5DL	SDG No.:	BN060824
Lab Sample ID:	P2634-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
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
BN031868.D	5	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.4		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	39.19		10-150		98	SPK: -40
1718-52-1	Pyrene-d10	41.87		10-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.415		10-140		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	512278	7.669				
1146-65-2	Naphthalene-d8	2152257	10.451				
15067-26-2	Acenaphthene-d10	1263744	14.316				
1517-22-2	Phenanthrene-d10	2226040	17.063				
1719-03-5	Chrysene-d12	1526511	21.298				
1520-96-3	Perylene-d12	1810576	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
002531-84-2	Phenanthrene, 2-methyl-	490	JD			17.986	
000203-64-5	4H-Cyclopenta[def]phenanthrene	570	JD			18.133	
000192-97-2	Benzo[e]pyrene	1300	JD			23.962	
E966796	Total Alkanes	270	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	SLCS173	SDG No.:	BN060824
Lab Sample ID:	PB161173BS	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
BN031869.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	430		12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1500		48	82.5	330	ug/Kg
110-86-1	Pyridine	1100		12	170	330	ug/Kg
108-95-2	Phenol	1200		45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1300		22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1200		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		29	82.5	330	ug/Kg
98-86-2	Acetophenone	1100		59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1200		41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000		37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1100		16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1200		27	42.5	170	ug/Kg
78-59-1	Isophorone	1100		36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1400		30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	780		8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		34	42.5	170	ug/Kg
91-20-3	Naphthalene	1200		33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	1100		44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1200		26	42.5	170	ug/Kg
105-60-2	Caprolactam	1200		40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1200		19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1200		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	340		19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	SLCS173	SDG No.:	BN060824
Lab Sample ID:	PB161173BS	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
BN031869.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1300		46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1400		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1200		38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1300		46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1500		14	82.5	330	ug/Kg
83-32-9	Acenaphthene	1200		50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1200		11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1300		40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1200		41	42.5	170	ug/Kg
86-73-7	Fluorene	1200		58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1500		16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1400		45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1300		50	42.5	170	ug/Kg
1912-24-9	Atrazine	1200		11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1200		38	82.5	330	ug/Kg
85-01-8	Phenanthrene	1300		53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1500		36	42.5	170	ug/Kg
120-12-7	Anthracene	1200		47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1500		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	1300		61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1300		57	42.5	170	ug/Kg
206-44-0	Fluoranthene	1500		45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	SLCS173	SDG No.:	BN060824
Lab Sample ID:	PB161173BS	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
BN031869.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1400		43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1300		39	42.5	170	ug/Kg
218-01-9	Chrysene	1400		46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1200		57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.209		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	31.808		20-120		80	SPK: -40
4165-62-2	Phenol-d5	34.958		10-130		87	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.086		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.611		15-120		94	SPK: -40
190780-66-6	4-Methylphenol-d8	33.292		10-140		83	SPK: -40
4165-60-0	Nitrobenzene-d5	38.379		10-135		96	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.243		10-120		101	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.333		10-140		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.261		1-145		86	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.557		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	36.964		15-120		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.82		10-150		87	SPK: -40
81103-79-9	Fluorene-d10	35.22		20-140		88	SPK: -40

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	SLCS173	SDG No.:	BN060824
Lab Sample ID:	PB161173BS	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
BN031869.D	1	5/29/2024 12:00:00 AM	6/8/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.102		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	36.093		10-150		90	SPK: -40
1718-52-1	Pyrene-d10	41.946		10-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.716		10-140		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	420208	7.669				
1146-65-2	Naphthalene-d8	1752647	10.451				
15067-26-2	Acenaphthene-d10	1052756	14.316				
1517-22-2	Phenanthrene-d10	1931095	17.063				
1719-03-5	Chrysene-d12	1228688	21.304				
1520-96-3	Perylene-d12	1454641	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BHBW7								
P2634-01	BHBW7	Solid	(DEL) Alkane: Straight-Chain22.(*	110.000	J			
P2634-01	BHBW7	Solid	1-Phenoxypropan-2-ol *	170.000	J			
P2634-01	BHBW7	Solid	4H-Cyclopenta[def]phenanthrene *	150.000	J			
P2634-01	BHBW7	Solid	9,10-Anthracenedione *	82.000	J			
P2634-01	BHBW7	Solid	Anthracene, 2-methyl- *	83.000	J			
P2634-01	BHBW7	Solid	Cyclopenta(def)phenanthrenone *	86.000	J			
P2634-01	BHBW7	Solid	Ethanol, 2-(2-ethoxyethoxy)- *	130.000	J			
P2634-01	BHBW7	Solid	n-Hexadecanoic acid *	390.000	J			
P2634-01	BHBW7	Solid	Octadecanoic acid *	130.000	J			
P2634-01	BHBW7	Solid	Pentadecafluorooctanoic acid, oct: *	220.000	J			
P2634-01	BHBW7	Solid	Phenanthrene, 2,5-dimethyl- *	110.000	J			
P2634-01	BHBW7	Solid	Propylene Glycol *	250.000	J			
P2634-01	BHBW7	Solid	Pyrene, 1-methyl- *	93.000	J			
P2634-01	BHBW7	Solid	Total Alkanes *	110.000		54	200	ug/Kg
Total Tics :				2,114.00				
P2634-01	BHBW7	Solid	Acenaphthylene	66.000	J	54	200	ug/Kg
P2634-01	BHBW7	Solid	Anthracene	77.000	J	55	200	ug/Kg
P2634-01	BHBW7	Solid	Benzo(a)anthracene	410.000		46	200	ug/Kg
P2634-01	BHBW7	Solid	Benzo(a)pyrene	280.000		67	200	ug/Kg
P2634-01	BHBW7	Solid	Benzo(b)fluoranthene	590.000		56	200	ug/Kg
P2634-01	BHBW7	Solid	Benzo(k)fluoranthene	180.000	J	68	200	ug/Kg
P2634-01	BHBW7	Solid	Bis(2-ethylhexyl)phthalate	470.000		51	200	ug/Kg
P2634-01	BHBW7	Solid	Butylbenzylphthalate	160.000	J	51	200	ug/Kg
P2634-01	BHBW7	Solid	Chrysene	490.000		54	200	ug/Kg
P2634-01	BHBW7	Solid	Dibenzo(a,h)anthracene	84.000	J	61	200	ug/Kg
P2634-01	BHBW7	Solid	Fluoranthene	1,000.000		53	200	ug/Kg
P2634-01	BHBW7	Solid	Indeno(1,2,3-cd)pyrene	210.000		53	200	ug/Kg
P2634-01	BHBW7	Solid	Phenanthrene	410.000		62	200	ug/Kg
P2634-01	BHBW7	Solid	Pyrene	840.000		54	200	ug/Kg
Total Svoc :				5,267.00				
Total Concentration:				7,381.00				
Client ID : BHBW8								
P2634-02	BHBW8	Solid	(DEL) Alkane: Straight-Chain22.(*	86.000	J			
P2634-02	BHBW8	Solid	1-Phenoxypropan-2-ol *	190.000	J			
P2634-02	BHBW8	Solid	11H-Benzo[a]fluoren-11-one *	83.000	J			
P2634-02	BHBW8	Solid	11H-Benzo[b]fluorene *	130.000	J			
P2634-02	BHBW8	Solid	13-Docosenamide, (Z)- *	100.000	J			

Hit Summary Sheet SW-846

SDG No.: BN060824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-02	BHBW8	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	280.000	J		
P2634-02	BHBW8	Solid	9,10-Anthracenedione	*	130.000	J		
P2634-02	BHBW8	Solid	Anthracene, 2-methyl-	*	130.000	J		
P2634-02	BHBW8	Solid	Benzo[e]pyrene	*	98.000	J		
P2634-02	BHBW8	Solid	Cyclopenta(def)phenanthrenone	*	160.000	J		
P2634-02	BHBW8	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	100.000	J		
P2634-02	BHBW8	Solid	Ethanol, 2-(tetradecyloxy)-	*	190.000	J		
P2634-02	BHBW8	Solid	Fluoranthene, 2-methyl-	*	110.000	J		
P2634-02	BHBW8	Solid	n-Hexadecanoic acid	*	570.000	J		
P2634-02	BHBW8	Solid	Pentanedioic acid, dimethyl ester	*	81.000	J		
P2634-02	BHBW8	Solid	Perylene	*	390.000	J		
P2634-02	BHBW8	Solid	Phenanthrene, 2,5-dimethyl-	*	240.000	J		
P2634-02	BHBW8	Solid	Phenanthrene, 2,7-dimethyl-	*	120.000	J		
P2634-02	BHBW8	Solid	Phenanthrene, 2-methyl-	*	180.000	J		
P2634-02	BHBW8	Solid	Propylene Glycol	*	240.000	J		
P2634-02	BHBW8	Solid	Pyrene, 1-methyl-	*	120.000	J		
P2634-02	BHBW8	Solid	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6-triene	*	100.000	J		
P2634-02	BHBW8	Solid	Total Alkanes	*	86.000		54	200 ug/Kg
Total Tics :					3,914.00			
P2634-02	BHBW8	Solid	Acenaphthylene		160.000	J	54	200 ug/Kg
P2634-02	BHBW8	Solid	Anthracene		130.000	J	56	200 ug/Kg
P2634-02	BHBW8	Solid	Benzo(a)anthracene		670.000		46	200 ug/Kg
P2634-02	BHBW8	Solid	Benzo(a)pyrene		660.000		67	200 ug/Kg
P2634-02	BHBW8	Solid	Benzo(b)fluoranthene		850.000		57	200 ug/Kg
P2634-02	BHBW8	Solid	Benzo(g,h,i)perylene		480.000		54	200 ug/Kg
P2634-02	BHBW8	Solid	Benzo(k)fluoranthene		290.000		69	200 ug/Kg
P2634-02	BHBW8	Solid	Bis(2-ethylhexyl)phthalate		200.000		51	200 ug/Kg
P2634-02	BHBW8	Solid	Butylbenzylphthalate		59.000	J	51	200 ug/Kg
P2634-02	BHBW8	Solid	Chrysene		760.000		54	200 ug/Kg
P2634-02	BHBW8	Solid	Dibenzo(a,h)anthracene		130.000	J	62	200 ug/Kg
P2634-02	BHBW8	Solid	Fluoranthene		1,500.000		53	200 ug/Kg
P2634-02	BHBW8	Solid	Indeno(1,2,3-cd)pyrene		390.000		53	200 ug/Kg
P2634-02	BHBW8	Solid	Phenanthrene		640.000		63	200 ug/Kg
P2634-02	BHBW8	Solid	Pyrene		1,400.000		54	200 ug/Kg
Total Svoc :					8,319.00			
Total Concentration:					12,233.00			
Client ID : BHBX2								
P2634-08	BHBX2	Solid	(DEL) Alkane: Straight-Chain22.0	*	220.000	J		
P2634-08	BHBX2	Solid	(DEL) Alkane: Straight-Chain23.0	*	430.000	J		
P2634-08	BHBX2	Solid	1-Phenoxypropan-2-ol	*	83.000	J		

Hit Summary Sheet SW-846

SDG No.: BN060824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-08	BHBX2	Solid	11H-Benzo[b]fluorene	*	140.000	J		
P2634-08	BHBX2	Solid	13-Docosenamide, (Z)-	*	150.000	J		
P2634-08	BHBX2	Solid	4H-Cyclopenta[def]phenanthrene	*	260.000	J		
P2634-08	BHBX2	Solid	9,10-Anthracenedione	*	130.000	J		
P2634-08	BHBX2	Solid	Anthracene, 2-methyl-	*	170.000	J		
P2634-08	BHBX2	Solid	Anthracene, 9-methyl-	*	120.000	J		
P2634-08	BHBX2	Solid	Cyclopenta(def)phenanthrenone	*	130.000	J		
P2634-08	BHBX2	Solid	Fluoranthene, 2-methyl-	*	120.000	J		
P2634-08	BHBX2	Solid	n-Hexadecanoic acid	*	610.000	J		
P2634-08	BHBX2	Solid	Pentadecafluorooctanoic acid, oct-	*	280.000	J		
P2634-08	BHBX2	Solid	Phenanthrene, 2,5-dimethyl-	*	170.000	J		
P2634-08	BHBX2	Solid	Pyrene, 1-methyl-	*	83.000	J		
P2634-08	BHBX2	Solid	Tricyclo[8.2.2.2(4,7)]hexadeca-2,-	*	110.000	J		
P2634-08	BHBX2	Solid	Total Alkanes	*	650.000	J	54	200 ug/Kg
Total Tics :					3,856.00			
P2634-08	BHBX2	Solid	Acenaphthylene		110.000	J	54	200 ug/Kg
P2634-08	BHBX2	Solid	Anthracene		120.000	J	55	200 ug/Kg
P2634-08	BHBX2	Solid	Benzo(a)anthracene		650.000		46	200 ug/Kg
P2634-08	BHBX2	Solid	Benzo(a)pyrene		420.000		67	200 ug/Kg
P2634-08	BHBX2	Solid	Benzo(b)fluoranthene		980.000		56	200 ug/Kg
P2634-08	BHBX2	Solid	Benzo(g,h,i)perylene		56.000	J	54	200 ug/Kg
P2634-08	BHBX2	Solid	Benzo(k)fluoranthene		230.000		68	200 ug/Kg
P2634-08	BHBX2	Solid	Bis(2-ethylhexyl)phthalate		370.000		51	200 ug/Kg
P2634-08	BHBX2	Solid	Butylbenzylphthalate		180.000	J	51	200 ug/Kg
P2634-08	BHBX2	Solid	Chrysene		800.000		54	200 ug/Kg
P2634-08	BHBX2	Solid	Dibenzo(a,h)anthracene		140.000	J	61	200 ug/Kg
P2634-08	BHBX2	Solid	Fluoranthene		1,600.000		53	200 ug/Kg
P2634-08	BHBX2	Solid	Indeno(1,2,3-cd)pyrene		340.000		53	200 ug/Kg
P2634-08	BHBX2	Solid	Phenanthrene		690.000		62	200 ug/Kg
P2634-08	BHBX2	Solid	Pyrene		1,400.000		54	200 ug/Kg
Total Svoc :					8,086.00			
Total Concentration:					11,942.00			

Client ID : BHBX3

P2634-09	BHBX3	Solid	(DEL) Alkane: Cyclic20.986	*	190.000	J		
P2634-09	BHBX3	Solid	1-Phenoxypropan-2-ol	*	100.000	J		
P2634-09	BHBX3	Solid	11H-Benzo[a]fluoren-11-one	*	140.000	J		
P2634-09	BHBX3	Solid	11H-Benzo[a]fluorene	*	160.000	J		
P2634-09	BHBX3	Solid	11H-Benzo[b]fluorene	*	85.000	J		
P2634-09	BHBX3	Solid	13-Docosenamide, (Z)-	*	200.000	J		
P2634-09	BHBX3	Solid	2-Methyldibenzothiophene	*	100.000	J		

Hit Summary Sheet SW-846

SDG No.: BN060824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-09	BHBX3	Solid	4H-Cyclopenta[def]phenanthrene	*	460.000	J		
P2634-09	BHBX3	Solid	7H-Benz[de]anthracen-7-one	*	89.000	J		
P2634-09	BHBX3	Solid	9,10-Anthracenedione	*	230.000	J		
P2634-09	BHBX3	Solid	9,10-Dimethylanthracene	*	310.000	J		
P2634-09	BHBX3	Solid	Anthracene, 2-methyl-	*	200.000	J		
P2634-09	BHBX3	Solid	Benz[a]anthracene, 12-methyl-	*	110.000	J		
P2634-09	BHBX3	Solid	Benz[a]anthracene, 8-methyl-	*	84.000	J		
P2634-09	BHBX3	Solid	Benzo[e]pyrene	*	350.000	J		
P2634-09	BHBX3	Solid	Cyclopenta(def)phenanthrenone	*	250.000	J		
P2634-09	BHBX3	Solid	Fluoranthene, 2-methyl-	*	100.000	J		
P2634-09	BHBX3	Solid	n-Hexadecanoic acid	*	730.000	J		
P2634-09	BHBX3	Solid	Naphthalene, 2-phenyl-	*	180.000	J		
P2634-09	BHBX3	Solid	Perylene	*	380.000	J		
P2634-09	BHBX3	Solid	Phenanthrene, 2,5-dimethyl-	*	92.000	J		
P2634-09	BHBX3	Solid	Phenanthrene, 2-methyl-	*	290.000	J		
P2634-09	BHBX3	Solid	Phenanthrene, 3,6-dimethyl-	*	110.000	J		
P2634-09	BHBX3	Solid	Pyrene, 1-methyl-	*	150.000	J		
P2634-09	BHBX3	Solid	Pyrene, 2-methyl-	*	77.000	J		
P2634-09	BHBX3	Solid	Total Alkanes	*	190.000	53	200	ug/Kg
Total Tics :					5,357.00			
P2634-09	BHBX3	Solid	Acenaphthylene		220.000	53	200	ug/Kg
P2634-09	BHBX3	Solid	Anthracene		200.000	55	200	ug/Kg
P2634-09	BHBX3	Solid	Benzo(a)anthracene		1,300.000	45	200	ug/Kg
P2634-09	BHBX3	Solid	Benzo(a)pyrene		870.000	66	200	ug/Kg
P2634-09	BHBX3	Solid	Benzo(b)fluoranthene		1,700.000	56	200	ug/Kg
P2634-09	BHBX3	Solid	Benzo(g,h,i)perylene	J	120.000	53	200	ug/Kg
P2634-09	BHBX3	Solid	Benzo(k)fluoranthene		670.000	67	200	ug/Kg
P2634-09	BHBX3	Solid	Bis(2-ethylhexyl)phthalate		610.000	50	200	ug/Kg
P2634-09	BHBX3	Solid	Butylbenzylphthalate	J	150.000	50	200	ug/Kg
P2634-09	BHBX3	Solid	Carbazole	J	94.000	71	380	ug/Kg
P2634-09	BHBX3	Solid	Chrysene		1,500.000	53	200	ug/Kg
P2634-09	BHBX3	Solid	Dibenzo(a,h)anthracene		270.000	60	200	ug/Kg
P2634-09	BHBX3	Solid	Fluoranthene		2,700.000	52	200	ug/Kg
P2634-09	BHBX3	Solid	Indeno(1,2,3-cd)pyrene		680.000	52	200	ug/Kg
P2634-09	BHBX3	Solid	Phenanthrene		970.000	61	200	ug/Kg
P2634-09	BHBX3	Solid	Pyrene		2,300.000	53	200	ug/Kg
Total Svoc :					14,354.00			
Total Concentration:					19,711.00			

Client ID : BHBX4

P2634-10 BHBX4 Solid (DEL) Alkane: Cyclic20.986 * 200.000 J

Hit Summary Sheet SW-846

SDG No.: BN060824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-10	BHBX4	Solid	1-Phenoxypropan-2-ol	*	96.000	J		
P2634-10	BHBX4	Solid	11H-Benzo[a]fluoren-11-one	*	100.000	J		
P2634-10	BHBX4	Solid	11H-Benzo[b]fluorene	*	110.000	J		
P2634-10	BHBX4	Solid	13-Docosenamide, (Z)-	*	160.000	J		
P2634-10	BHBX4	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	270.000	J		
P2634-10	BHBX4	Solid	9,10-Anthracenedione	*	130.000	J		
P2634-10	BHBX4	Solid	Anthracene, 2-methyl-	*	170.000	J		
P2634-10	BHBX4	Solid	Benz[a]anthracene, 12-methyl-	*	84.000	J		
P2634-10	BHBX4	Solid	Cyclopenta(def)phenanthrenone	*	130.000	J		
P2634-10	BHBX4	Solid	Fluoranthene, 2-methyl-	*	84.000	J		
P2634-10	BHBX4	Solid	n-Hexadecanoic acid	*	530.000	J		
P2634-10	BHBX4	Solid	Naphthalene, 1,2-dihydro-4-phenyl	*	80.000	J		
P2634-10	BHBX4	Solid	Naphthalene, 2-phenyl-	*	90.000	J		
P2634-10	BHBX4	Solid	Pentanedioic acid, dimethyl ester	*	80.000	J		
P2634-10	BHBX4	Solid	Perylene	*	320.000	J		
P2634-10	BHBX4	Solid	Phenanthrene, 1-methyl-	*	110.000	J		
P2634-10	BHBX4	Solid	Phenanthrene, 2,5-dimethyl-	*	160.000	J		
P2634-10	BHBX4	Solid	Propylene Glycol	*	100.000	J		
P2634-10	BHBX4	Solid	Pyrene, 1-methyl-	*	100.000	J		
P2634-10	BHBX4	Solid	Total Alkanes	*	200.000	53	190	ug/Kg
Total Tics :					3,304.00			
P2634-10	BHBX4	Solid	Acenaphthylene		150.000	J 53	190	ug/Kg
P2634-10	BHBX4	Solid	Anthracene		150.000	J 54	190	ug/Kg
P2634-10	BHBX4	Solid	Benzo(a)anthracene		600.000	45	190	ug/Kg
P2634-10	BHBX4	Solid	Benzo(a)pyrene		590.000	65	190	ug/Kg
P2634-10	BHBX4	Solid	Benzo(b)fluoranthene		780.000	55	190	ug/Kg
P2634-10	BHBX4	Solid	Benzo(g,h,i)perylene		480.000	53	190	ug/Kg
P2634-10	BHBX4	Solid	Benzo(k)fluoranthene		280.000	66	190	ug/Kg
P2634-10	BHBX4	Solid	Bis(2-ethylhexyl)phthalate		49.000	J 49	190	ug/Kg
P2634-10	BHBX4	Solid	Chrysene		700.000	53	190	ug/Kg
P2634-10	BHBX4	Solid	Dibenzo(a,h)anthracene		130.000	J 59	190	ug/Kg
P2634-10	BHBX4	Solid	Fluoranthene		1,300.000	51	190	ug/Kg
P2634-10	BHBX4	Solid	Indeno(1,2,3-cd)pyrene		400.000	51	190	ug/Kg
P2634-10	BHBX4	Solid	Phenanthrene		630.000	61	190	ug/Kg
P2634-10	BHBX4	Solid	Pyrene		1,200.000	53	190	ug/Kg
Total Svoc :					7,439.00			
Total Concentration:					10,743.00			

Client ID : BHBX5

P2634-11	BHBX5	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P2634-11	BHBX5	Solid	11H-Benzo[a]fluoren-11-one	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BN060824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-11	BHBX5	Solid	11H-Benzo[b]fluorene	*	120.000	J		
P2634-11	BHBX5	Solid	13-Docosenamide, (Z)-	*	110.000	J		
P2634-11	BHBX5	Solid	4H-Cyclopenta[def]phenanthrene	*	500.000	J		
P2634-11	BHBX5	Solid	7H-Benz[de]anthracen-7-one	*	140.000	J		
P2634-11	BHBX5	Solid	9,10-Anthracenedione	*	350.000	J		
P2634-11	BHBX5	Solid	9H-Fluoren-9-one	*	110.000	J		
P2634-11	BHBX5	Solid	Anthracene, 2-methyl-	*	280.000	J		
P2634-11	BHBX5	Solid	Anthracene, 9-methyl-	*	170.000	J		
P2634-11	BHBX5	Solid	Benz[a]anthracene, 7-methyl-	*	82.000	J		
P2634-11	BHBX5	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	120.000	J		
P2634-11	BHBX5	Solid	Benzo[e]pyrene	*	290.000	J		
P2634-11	BHBX5	Solid	Cyclopenta(cd)pyrene, 3,4-dihydr	*	83.000	J		
P2634-11	BHBX5	Solid	Cyclopenta(def)phenanthrenone	*	240.000	J		
P2634-11	BHBX5	Solid	Cyclopenta[cd]pyrene	*	190.000	J		
P2634-11	BHBX5	Solid	Fluoranthene, 2-methyl-	*	82.000	J		
P2634-11	BHBX5	Solid	Naphthalene, 2-phenyl-	*	250.000	J		
P2634-11	BHBX5	Solid	Naphtho[2,1-b]thiophene	*	120.000	J		
P2634-11	BHBX5	Solid	Pentanedioic acid, dimethyl ester	*	80.000	J		
P2634-11	BHBX5	Solid	Perylene	*	1,100.000	J		
P2634-11	BHBX5	Solid	Phenanthrene, 2,5-dimethyl-	*	230.000	J		
P2634-11	BHBX5	Solid	Phenanthrene, 2-methyl-	*	600.000	J		
P2634-11	BHBX5	Solid	Phenanthrene, 4,5-dimethyl-	*	87.000	J		
P2634-11	BHBX5	Solid	Phenanthrene, 4-methyl-	*	87.000	J		
P2634-11	BHBX5	Solid	Propylene Glycol	*	150.000	J		
P2634-11	BHBX5	Solid	Pyrene, 1-methyl-	*	130.000	J		
P2634-11	BHBX5	Solid	Pyrene, 4-methyl-	*	110.000	J		
P2634-11	BHBX5	Solid	unknown-01	*	570.000	J		
P2634-11	BHBX5	Solid	Total Alkanes	*	0.000	J	54	200 ug/Kg
Total Tics :				6,621.00				
P2634-11	BHBX5	Solid	Acenaphthylene		230.000	J	54	200 ug/Kg
P2634-11	BHBX5	Solid	Anthracene		290.000	J	55	200 ug/Kg
P2634-11	BHBX5	Solid	Benzo(a)anthracene		1,800.000	J	46	200 ug/Kg
P2634-11	BHBX5	Solid	Benzo(a)pyrene		1,800.000	J	67	200 ug/Kg
P2634-11	BHBX5	Solid	Benzo(b)fluoranthene		2,300.000	J	56	200 ug/Kg
P2634-11	BHBX5	Solid	Benzo(g,h,i)perylene		1,400.000	J	54	200 ug/Kg
P2634-11	BHBX5	Solid	Benzo(k)fluoranthene		890.000	J	68	200 ug/Kg
P2634-11	BHBX5	Solid	Carbazole		310.000	J	72	390 ug/Kg
P2634-11	BHBX5	Solid	Chrysene		2,200.000	J	54	200 ug/Kg
P2634-11	BHBX5	Solid	Dibenzo(a,h)anthracene		360.000	J	61	200 ug/Kg
P2634-11	BHBX5	Solid	Dibenzofuran		47.000	J	47	200 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-11	BHBX5	Solid	Fluoranthene	4,500.000	E	53	200	ug/Kg
P2634-11	BHBX5	Solid	Fluorene	81.000	J	68	200	ug/Kg
P2634-11	BHBX5	Solid	Indeno(1,2,3-cd)pyrene	1,100.000		53	200	ug/Kg
P2634-11	BHBX5	Solid	Naphthalene	45.000	J	39	200	ug/Kg
P2634-11	BHBX5	Solid	Phenanthrene	1,900.000		62	200	ug/Kg
P2634-11	BHBX5	Solid	Pyrene	3,900.000	E	54	200	ug/Kg
Total Svoc :				23,153.00				
Total Concentration:				29,774.00				
Client ID : BHBX5DL								
P2634-11DL	BHBX5DL	Solid	4H-Cyclopenta[def]phenanthrene	*	570.000	JD		
P2634-11DL	BHBX5DL	Solid	Benzo[e]pyrene	*	1,300.000	JD		
P2634-11DL	BHBX5DL	Solid	Phenanthrene, 2-methyl-	*	490.000	JD		
P2634-11DL	BHBX5DL	Solid	Total Alkanes	*	0.000	D	270	1000 ug/Kg
Total Tics :				2,360.00				
P2634-11DL	BHBX5DL	Solid	Anthracene		350.000	JD	280	1000 ug/Kg
P2634-11DL	BHBX5DL	Solid	Benzo(a)anthracene		2,100.000	D	230	1000 ug/Kg
P2634-11DL	BHBX5DL	Solid	Benzo(a)pyrene		2,100.000	D	340	1000 ug/Kg
P2634-11DL	BHBX5DL	Solid	Benzo(b)fluoranthene		3,000.000	D	280	1000 ug/Kg
P2634-11DL	BHBX5DL	Solid	Benzo(g,h,i)perylene		1,700.000	D	270	1000 ug/Kg
P2634-11DL	BHBX5DL	Solid	Benzo(k)fluoranthene		960.000	JD	340	1000 ug/Kg
P2634-11DL	BHBX5DL	Solid	Chrysene		2,600.000	D	270	1000 ug/Kg
P2634-11DL	BHBX5DL	Solid	Dibenzo(a,h)anthracene		440.000	JD	310	1000 ug/Kg
P2634-11DL	BHBX5DL	Solid	Fluoranthene		5,200.000	D	260	1000 ug/Kg
P2634-11DL	BHBX5DL	Solid	Indeno(1,2,3-cd)pyrene		1,400.000	D	260	1000 ug/Kg
P2634-11DL	BHBX5DL	Solid	Phenanthrene		2,500.000	D	310	1000 ug/Kg
P2634-11DL	BHBX5DL	Solid	Pyrene		4,500.000	D	270	1000 ug/Kg
Total Svoc :				26,850.00				
Total Concentration:				29,210.00				
Client ID : BHBX9								
P2634-15	BHBX9	Solid	(DEL) Alkane: Straight-Chain16.(	*	95.000	J		
P2634-15	BHBX9	Solid	(DEL) Alkane: Straight-Chain22.(	*	120.000	J		
P2634-15	BHBX9	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P2634-15	BHBX9	Solid	11H-Benzo[a]fluoren-11-one	*	94.000	J		
P2634-15	BHBX9	Solid	11H-Benzo[b]fluorene	*	85.000	J		
P2634-15	BHBX9	Solid	1H-Cyclopropa[l]phenanthrene,1a	*	230.000	J		
P2634-15	BHBX9	Solid	1H-Indole, 1-methyl-2-phenyl-	*	270.000	J		
P2634-15	BHBX9	Solid	2-Methyldibenzothiophene	*	93.000	J		
P2634-15	BHBX9	Solid	9,10-Anthracenedione	*	100.000	J		
P2634-15	BHBX9	Solid	9-Octadecenamide, (Z)-	*	170.000	J		

Hit Summary Sheet SW-846

SDG No.: BN060824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-15	BHBX9	Solid	9H-Fluoren-9-one	*	95.000	J		
P2634-15	BHBX9	Solid	Anthracene, 2-methyl-	*	110.000	J		
P2634-15	BHBX9	Solid	Benzene, 1,1-(1,2-cyclobutanediyl)	*	140.000	J		
P2634-15	BHBX9	Solid	Cyclohexane, 1,3,5-triphenyl-	*	270.000	J		
P2634-15	BHBX9	Solid	Cyclopenta(def)phenanthrenone	*	120.000	J		
P2634-15	BHBX9	Solid	n-Hexadecanoic acid	*	170.000	J		
P2634-15	BHBX9	Solid	Naphthalene, 2-phenyl-	*	140.000	J		
P2634-15	BHBX9	Solid	Phenanthrene, 2,5-dimethyl-	*	170.000	J		
P2634-15	BHBX9	Solid	Phenanthrene, 2-methyl-	*	180.000	J		
P2634-15	BHBX9	Solid	Phenanthrene, 3,6-dimethyl-	*	93.000	J		
P2634-15	BHBX9	Solid	Pyrene, 1-methyl-	*	130.000	J		
P2634-15	BHBX9	Solid	Styrene	*	220.000	J		
P2634-15	BHBX9	Solid	unknown-01	*	130.000	J		
P2634-15	BHBX9	Solid	unknown-02	*	320.000	J		
P2634-15	BHBX9	Solid	unknown-03	*	97.000	J		
P2634-15	BHBX9	Solid	unknown-04	*	120.000	J		
P2634-15	BHBX9	Solid	Total Alkanes	*	220.000	53	200	ug/Kg
Total Tics :				4,092.00				
P2634-15	BHBX9	Solid	1-Methylnaphthalene		39.000	J 22	200	ug/Kg
P2634-15	BHBX9	Solid	2-Methylnaphthalene		54.000	J 43	200	ug/Kg
P2634-15	BHBX9	Solid	Acenaphthylene		82.000	J 53	200	ug/Kg
P2634-15	BHBX9	Solid	Anthracene		120.000	J 55	200	ug/Kg
P2634-15	BHBX9	Solid	Benzo(a)anthracene		580.000	45	200	ug/Kg
P2634-15	BHBX9	Solid	Benzo(a)pyrene		430.000	66	200	ug/Kg
P2634-15	BHBX9	Solid	Benzo(b)fluoranthene		920.000	56	200	ug/Kg
P2634-15	BHBX9	Solid	Benzo(g,h,i)perylene		65.000	J 53	200	ug/Kg
P2634-15	BHBX9	Solid	Benzo(k)fluoranthene		280.000	67	200	ug/Kg
P2634-15	BHBX9	Solid	Bis(2-ethylhexyl)phthalate		170.000	J 50	200	ug/Kg
P2634-15	BHBX9	Solid	Butylbenzylphthalate		85.000	J 50	200	ug/Kg
P2634-15	BHBX9	Solid	Chrysene		790.000	53	200	ug/Kg
P2634-15	BHBX9	Solid	Dibenzo(a,h)anthracene		140.000	J 60	200	ug/Kg
P2634-15	BHBX9	Solid	Fluoranthene		1,500.000	52	200	ug/Kg
P2634-15	BHBX9	Solid	Indeno(1,2,3-cd)pyrene		350.000	52	200	ug/Kg
P2634-15	BHBX9	Solid	Naphthalene		43.000	J 38	200	ug/Kg
P2634-15	BHBX9	Solid	Phenanthrene		640.000	62	200	ug/Kg
P2634-15	BHBX9	Solid	Pyrene		1,200.000	53	200	ug/Kg
Total Svoc :				7,488.00				
Total Concentration:				11,580.00				

Client ID : BH5T6

P2647-05 BH5T6 Solid (DEL) Alkane: Cyclic20.986 * 79.000 J

Hit Summary Sheet SW-846

SDG No.: BN060824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2647-05	BH5T6	Solid	13-Docosenamide, (Z)-	*	160.000	J		
P2647-05	BH5T6	Solid	n-Hexadecanoic acid	*	110.000	J		
P2647-05	BH5T6	Solid	Total Alkanes	*	79.000	54	200	ug/Kg
Total Tics :					428.00			
Total Concentration:					428.00			
Client ID : BH5T7								
P2647-06	BH5T7	Solid	1-Hexacosanol	*	260.000	J		
P2647-06	BH5T7	Solid	1-Phenoxypropan-2-ol	*	210.000	J		
P2647-06	BH5T7	Solid	13-Docosenamide, (Z)-	*	260.000	J		
P2647-06	BH5T7	Solid	n-Hexadecanoic acid	*	250.000	J		
P2647-06	BH5T7	Solid	Pentanedioic acid, dimethyl ester	*	99.000	J		
P2647-06	BH5T7	Solid	Propylene Glycol	*	230.000	J		
P2647-06	BH5T7	Solid	Total Alkanes	*	0.000	53	200	ug/Kg
Total Tics :					1,309.00			
P2647-06	BH5T7	Solid	Benzo(a)anthracene		45.000	J 45	200	ug/Kg
P2647-06	BH5T7	Solid	Benzo(b)fluoranthene		65.000	J 55	200	ug/Kg
P2647-06	BH5T7	Solid	Fluoranthene		78.000	J 52	200	ug/Kg
P2647-06	BH5T7	Solid	Pyrene		70.000	J 53	200	ug/Kg
Total Svoc :					258.00			
Total Concentration:					1,567.00			
Client ID : BHBS4								
P2647-10	BHBS4	Solid	1-Phenoxypropan-2-ol	*	160.000	J		
P2647-10	BHBS4	Solid	Isopropyl Alcohol	*	150.000	J		
P2647-10	BHBS4	Solid	n-Hexadecanoic acid	*	94.000	J		
P2647-10	BHBS4	Solid	Pentadecafluorooctanoic acid, oct:	*	190.000	J		
P2647-10	BHBS4	Solid	Phenanthrene, 1-methyl-	*	110.000	J		
P2647-10	BHBS4	Solid	Total Alkanes	*	0.000	56	210	ug/Kg
Total Tics :					704.00			
P2647-10	BHBS4	Solid	1-Methylnaphthalene		42.000	J 23	210	ug/Kg
P2647-10	BHBS4	Solid	Anthracene		63.000	J 57	210	ug/Kg
P2647-10	BHBS4	Solid	Benzo(a)anthracene		220.000	47	210	ug/Kg
P2647-10	BHBS4	Solid	Benzo(a)pyrene		120.000	J 69	210	ug/Kg
P2647-10	BHBS4	Solid	Benzo(b)fluoranthene		270.000	58	210	ug/Kg
P2647-10	BHBS4	Solid	Benzo(k)fluoranthene		83.000	J 70	210	ug/Kg
P2647-10	BHBS4	Solid	Bis(2-ethylhexyl)phthalate		91.000	J 52	210	ug/Kg
P2647-10	BHBS4	Solid	Chrysene		250.000	56	210	ug/Kg
P2647-10	BHBS4	Solid	Fluoranthene		570.000	54	210	ug/Kg
P2647-10	BHBS4	Solid	Indeno(1,2,3-cd)pyrene		86.000	J 54	210	ug/Kg
P2647-10	BHBS4	Solid	Phenanthrene		350.000	64	210	ug/Kg
P2647-10	BHBS4	Solid	Pyrene		420.000	56	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :				2,565.00				
Total Concentration:				3,269.00				
Client ID : BHBT0								
P2647-16	BHBT0	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c *	290.000	J			
P2647-16	BHBT0	Solid	Ethanol, 2-(2-ethoxyethoxy)- *	80.000	J			
P2647-16	BHBT0	Solid	n-Hexadecanoic acid *	290.000	J			
P2647-16	BHBT0	Solid	Pentadecafluorooctanoic acid, oct: *	180.000	J			
P2647-16	BHBT0	Solid	Total Alkanes *	0.000		52	190	ug/Kg
Total Tics :				840.00				
P2647-16	BHBT0	Solid	1-Methylnaphthalene	40.000	J	21	190	ug/Kg
P2647-16	BHBT0	Solid	Benzo(a)anthracene	84.000	J	44	190	ug/Kg
P2647-16	BHBT0	Solid	Benzo(a)pyrene	81.000	J	64	190	ug/Kg
P2647-16	BHBT0	Solid	Benzo(b)fluoranthene	120.000	J	54	190	ug/Kg
P2647-16	BHBT0	Solid	Benzo(g,h,i)perylene	63.000	J	52	190	ug/Kg
P2647-16	BHBT0	Solid	Bis(2-ethylhexyl)phthalate	330.000		49	190	ug/Kg
P2647-16	BHBT0	Solid	Chrysene	100.000	J	52	190	ug/Kg
P2647-16	BHBT0	Solid	Fluoranthene	210.000		51	190	ug/Kg
P2647-16	BHBT0	Solid	Indeno(1,2,3-cd)pyrene	51.000	J	51	190	ug/Kg
P2647-16	BHBT0	Solid	Phenanthrene	120.000	J	60	190	ug/Kg
P2647-16	BHBT0	Solid	Pyrene	180.000	J	52	190	ug/Kg
Total Svoc :				1,379.00				
Total Concentration:				2,219.00				
Client ID : BHBT3								
P2647-19	BHBT3	Solid	(DEL) Alkane: Straight-Chain16.(*	94.000	J			
P2647-19	BHBT3	Solid	(DEL) Alkane: Straight-Chain22.(*	120.000	J			
P2647-19	BHBT3	Solid	Anthracene, 2-methyl- *	77.000	J			
P2647-19	BHBT3	Solid	Cinnamyl cinnamate *	440.000	J			
P2647-19	BHBT3	Solid	Cyclopenta(def)phenanthrenone *	81.000	J			
P2647-19	BHBT3	Solid	Fluoranthene, 2-methyl- *	93.000	J			
P2647-19	BHBT3	Solid	n-Hexadecanoic acid *	360.000	J			
P2647-19	BHBT3	Solid	Octacosanol *	190.000	J			
P2647-19	BHBT3	Solid	Pentadecafluorooctanoic acid, oct: *	200.000	J			
P2647-19	BHBT3	Solid	Phenanthrene, 1-methyl- *	160.000	J			
P2647-19	BHBT3	Solid	Phenanthrene, 2,5-dimethyl- *	120.000	J			
P2647-19	BHBT3	Solid	Phenanthrene, 2-methyl- *	97.000	J			
P2647-19	BHBT3	Solid	Total Alkanes *	210.000		52	190	ug/Kg
Total Tics :				2,242.00				
P2647-19	BHBT3	Solid	1-Methylnaphthalene	45.000	J	21	190	ug/Kg
P2647-19	BHBT3	Solid	2-Methylnaphthalene	42.000	J	41	190	ug/Kg
P2647-19	BHBT3	Solid	Anthracene	69.000	J	53	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2647-19	BHBT3	Solid	Benzo(a)anthracene	330.000		44	190	ug/Kg
P2647-19	BHBT3	Solid	Benzo(a)pyrene	200.000		64	190	ug/Kg
P2647-19	BHBT3	Solid	Benzo(b)fluoranthene	480.000		54	190	ug/Kg
P2647-19	BHBT3	Solid	Benzo(k)fluoranthene	150.000	J	65	190	ug/Kg
P2647-19	BHBT3	Solid	Bis(2-ethylhexyl)phthalate	170.000	J	48	190	ug/Kg
P2647-19	BHBT3	Solid	Chrysene	410.000		52	190	ug/Kg
P2647-19	BHBT3	Solid	Dibenzo(a,h)anthracene	69.000	J	58	190	ug/Kg
P2647-19	BHBT3	Solid	Fluoranthene	860.000		50	190	ug/Kg
P2647-19	BHBT3	Solid	Indeno(1,2,3-cd)pyrene	170.000	J	50	190	ug/Kg
P2647-19	BHBT3	Solid	Phenanthrene	430.000		59	190	ug/Kg
P2647-19	BHBT3	Solid	Pyrene	650.000		52	190	ug/Kg
Total Svoc :				4,075.00				
Total Concentration:				6,317.00				

Client ID : BHBT4

P2647-20	BHBT4	Solid	(DEL) Alkane: Cyclic20.986	*	260.000	J		
P2647-20	BHBT4	Solid	1,4-Naphthalenedione	*	78.000	J		
P2647-20	BHBT4	Solid	n-Hexadecanoic acid	*	250.000	J		
P2647-20	BHBT4	Solid	Total Alkanes	*	260.000		51	190 ug/Kg
Total Tics :				848.00				
P2647-20	BHBT4	Solid	Benzo(a)anthracene		70.000	J	43	190 ug/Kg
P2647-20	BHBT4	Solid	Benzo(a)pyrene		71.000	J	63	190 ug/Kg
P2647-20	BHBT4	Solid	Benzo(b)fluoranthene		110.000	J	53	190 ug/Kg
P2647-20	BHBT4	Solid	Benzo(g,h,i)perylene		56.000	J	51	190 ug/Kg
P2647-20	BHBT4	Solid	Chrysene		89.000	J	51	190 ug/Kg
P2647-20	BHBT4	Solid	Fluoranthene		180.000	J	50	190 ug/Kg
P2647-20	BHBT4	Solid	Phenanthrene		83.000	J	59	190 ug/Kg
P2647-20	BHBT4	Solid	Pyrene		170.000	J	51	190 ug/Kg
Total Svoc :				829.00				
Total Concentration:				1,677.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN052924 SAS No.: BN052924 SDG No.: BN052924
Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____
Calibration Time(s): 11:20 _____

LAB FILE ID:		RRFAL1 = BN031685.D		RRFAL2 = BN031686.D		RRFAL3 = BN031687.D		
		RRFAL4 = BN031688.D		RRFAL5 = BN031689.D		RRFAL6 = BN031690.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.531	0.496	0.548	0.513	0.499		0.517	4.3
Benzaldehyde		0.953	1.012	0.913	0.671	0.472	0.804	28.2
Pyridine		1.351	1.490	1.414	1.334	1.214	1.361	7.5
Hexachloroethane	0.565	0.566	0.622	0.581	0.565		0.580	4.2
Nitrobenzene	0.344	0.362	0.390	0.371	0.355		0.364	4.8
Isophorone	0.719	0.753	0.803	0.748	0.714		0.747	4.8
2-Nitrophenol	0.153	0.162	0.185	0.182	0.180		0.173	8.2
2,4-Dimethylphenol	0.321	0.325	0.362	0.340	0.330		0.336	4.9
Bis(2-Chloroethoxy)methane	0.458	0.469	0.497	0.463	0.441		0.466	4.4
2,4-Dichlorophenol	0.276	0.290	0.310	0.293	0.286		0.291	4.3
Naphthalene	1.025	1.062	1.101	1.025	0.962		1.035	5.0
4-Chloroaniline		0.452	0.470	0.438	0.418	0.348	0.425	11.1
Hexachlorobutadiene	0.171	0.178	0.183	0.172	0.170		0.175	3.2
Phenol		1.728	1.889	1.803	1.745	1.560	1.745	6.9
Caprolactam		0.108	0.122	0.117	0.117	0.104	0.114	6.4
4-Chloro-3-methylphenol	0.316	0.335	0.366	0.349	0.336		0.340	5.5
1-Methylnaphthalene	0.721	0.726	0.761	0.694	0.647		0.710	6.0
2-Methylnaphthalene	0.705	0.724	0.758	0.698	0.653		0.708	5.4
Hexachlorocyclopentadiene		0.291	0.308	0.319	0.317	0.290	0.305	4.6
2,4,6-Trichlorophenol	0.326	0.352	0.376	0.378	0.363		0.359	5.9
2,4,5-Trichlorophenol	0.358	0.384	0.418	0.391	0.399		0.390	5.6
1,1-Biphenyl	1.423	1.449	1.477	1.398	1.287		1.407	5.2
2-Chloronaphthalene	1.099	1.127	1.156	1.096	1.031		1.102	4.2
2-Nitroaniline	0.282	0.308	0.340	0.338	0.329		0.319	7.7
Bis(2-Chloroethyl)ether		1.471	1.589	1.486	1.416	1.252	1.443	8.6
Dimethylphthalate	1.423	1.447	1.506	1.448	1.302		1.425	5.3
2,6-Dinitrotoluene	0.241	0.268	0.301	0.305	0.302		0.283	9.8
Acenaphthylene	1.808	1.886	1.947	1.796	1.616		1.811	6.9
3-Nitroaniline		0.298	0.335	0.320	0.298	0.262	0.303	9.1
Acenaphthene	1.206	1.239	1.266	1.189	1.089		1.198	5.7
2,4-Dinitrophenol		0.105	0.130	0.141	0.165	0.174	0.143	19.2
4-Nitrophenol		0.206	0.222	0.215	0.206	0.186	0.207	6.6
Dibenzofuran	1.657	1.686	1.724	1.610	1.461		1.628	6.3
2,4-Dinitrotoluene	0.360	0.394	0.451	0.440	0.432		0.416	9.1
Diethylphthalate	1.443	1.495	1.568	1.478	1.367		1.470	5.0
2-Chlorophenol	1.308	1.331	1.461	1.393	1.351		1.369	4.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052924 SAS No.: BN052924 SDG No.: BN052924

Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____

Calibration Time(s): 11:20 _____

LAB FILE ID:		RRFAL1 = BN031685.D		RRFAL2 = BN031686.D		RRFAL3 = BN031687.D		
		RRFAL4 = BN031688.D		RRFAL5 = BN031689.D		RRFAL6 = BN031690.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.409	1.416	1.415	1.271	1.042		1.311	12.4
4-Chlorophenyl-phenylether	0.676	0.682	0.697	0.609	0.509		0.635	12.3
4-Nitroaniline		0.298	0.331	0.312	0.272	0.228	0.288	13.9
4,6-Dinitro-2-methylphenol		0.092	0.106	0.115	0.115	0.107	0.107	8.5
N-Nitrosodiphenylamine	0.559	0.563	0.579	0.562	0.493		0.551	6.1
1,2,4,5-Tetrachlorobenzene	0.511	0.537	0.557	0.532	0.506		0.529	3.9
4-Bromophenyl-phenylether	0.194	0.194	0.200	0.192	0.189		0.194	2.0
Hexachlorobenzene	0.218	0.219	0.229	0.223	0.210		0.220	3.1
Atrazine		0.199	0.186	0.188	0.163	0.135	0.174	14.6
Pentachlorophenol		0.129	0.151	0.152	0.145	0.126	0.141	8.7
2-Methylphenol		1.310	1.468	1.383	1.359	1.218	1.348	6.8
Phenanthrene	1.054	1.065	1.074	1.027	0.873		1.019	8.2
Pentachlorobenzene	0.251	0.254	0.262	0.253	0.233		0.251	4.3
Anthracene	1.076	1.091	1.099	1.029	0.867		1.032	9.3
1,2,3,4-Tetrachlorobenzene	0.250	0.255	0.265	0.268	0.249		0.257	3.3
Carbazole		0.990	1.013	0.961	0.838	0.601	0.880	19.3
Di-n-butylphthalate	1.217	1.245	1.351	1.264	0.978		1.211	11.5
Fluoranthene	1.268	1.276	1.383	1.276	1.192		1.279	5.3
Pyrene	1.327	1.359	1.433	1.283	1.160		1.312	7.7
Butylbenzylphthalate	0.562	0.593	0.668	0.648	0.628		0.620	6.9
3,3-Dichlorobenzidine		0.407	0.456	0.427	0.357	0.270	0.384	19.1
2,2-oxybis (1-Chloropropane)		1.716	1.852	1.714	1.618	1.403	1.661	10.0
Benzo (a) anthracene	1.343	1.341	1.401	1.358	1.250		1.339	4.1
Chrysene	1.289	1.242	1.352	1.233	1.136		1.250	6.4
Bis (2-ethylhexyl) phthalate	0.918	0.915	0.999	0.907	0.779		0.904	8.8
Di-n-octyl phthalate		1.410	1.513	1.498	1.285	0.989	1.339	16.1
Benzo (b) fluoranthene	1.133	1.220	1.258	1.200	1.167		1.195	4.0
Benzo (k) fluoranthene	1.161	1.236	1.224	1.175	1.068		1.173	5.7
Benzo (a) pyrene	1.064	1.169	1.160	1.160	1.045		1.120	5.3
Indeno (1,2,3-cd) pyrene	1.209	1.366	1.325	1.348	1.204		1.290	6.0
Dibenzo (a,h) anthracene	1.001	1.092	1.083	1.100	0.991		1.053	5.0
Benzo (g,h,i) perylene	0.980	1.073	1.061	1.073	0.941		1.026	6.0
Acetophenone		2.256	2.403	2.175	2.033	1.723	2.118	12.2
2,3,4,6-Tetrachlorophenol	0.302	0.319	0.345	0.337	0.329		0.326	5.2
1,4-Dioxane-d8	0.484	0.475	0.515	0.479	0.464		0.483	4.0
Pyridine-d5		1.285	1.496	1.427	1.355	1.241	1.361	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.: BN052924 SAS No.: BN052924 SDG No.: BN052924
Instrument ID: _____ Calibration Date(s): 5/29/2024 : _____
Calibration Time(s): 11:20 _____

LAB FILE ID:		RRFAL1 = BN031685.D			RRFAL2 = BN031686.D		RRFAL3 = BN031687.D	
		RRFAL4 = BN031688.D			RRFAL5 = BN031689.D		RRFAL6 = BN031690.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.654	1.844	1.767	1.731	1.578	1.715	6.0
Bis-(2-Chloroethyl)ether-d8		1.029	1.105	1.033	0.981	0.866	1.003	8.8
2-Chlorophenol-d4	1.237	1.250	1.398	1.331	1.325		1.308	5.0
4-Methylphenol-d8		1.355	1.512	1.417	1.406	1.298	1.398	5.7
Nitrobenzene-d5	0.139	0.146	0.164	0.158	0.158		0.153	6.6
2-Nitrophenol-d4	0.135	0.145	0.169	0.168	0.173		0.158	10.7
2,4-Dichlorophenol-d3	0.275	0.285	0.317	0.305	0.293		0.295	5.6
4-Chloroaniline-d4		0.463	0.480	0.449	0.430	0.368	0.438	9.9
4-Methylphenol		1.431	1.597	1.506	1.442	1.329	1.461	6.8
Dimethylphthalate-d6	1.378	1.420	1.468	1.396	1.306		1.393	4.3
Acenaphthylene-d8	1.567	1.625	1.705	1.614	1.500		1.602	4.7
4-Nitrophenol-d4		0.268	0.299	0.293	0.280	0.254	0.279	6.6
Fluorene-d10	1.196	1.202	1.255	1.178	1.064		1.179	6.0
4,6-Dinitro-2-methylphenol-		0.083	0.098	0.106	0.111	0.105	0.101	10.9
Anthracene-d10	0.865	0.889	0.919	0.857	0.750		0.856	7.5
Pyrene-d10	1.036	1.062	1.143	1.067	1.043		1.070	4.0
Benzo(a)pyrene-d12	0.878	0.988	0.974	0.995	0.941		0.955	5.0
N-Nitroso-di-n-propylamine	1.078	1.122	1.207	1.093	0.988		1.098	7.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN060824 SAS No.: BN060824 SDG NO.: BN060824

EPA Sample No.: SSTD020205

Date Analyzed: Jun 8 2024 12:00AM

Lab File ID: BN031687.D

Time Analyzed: 10:36

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	537524	7.687	2.44038e+01	10.47	1.62391e+001	14.33
	UPPER LIMIT	1075048	8.187	4880760	10.969	3247820	14.828
	LOWER LIMIT	268762	7.187	1220190	9.969	811955	13.828
	EPA SAMPLE NO.						
01	SBLK227	597062	7.67	2.77105e	10.45	1.79214e	14.32
02	BHBW8	457735	7.67	2.0164e+	10.45	1.22143e	14.32
03	BHBX4	585703	7.67	2.4912e+	10.45	1.49303e	14.32
04	BHBX5	360544	7.67	1.55076e	10.45	967667	14.32
05	BHBX9	400595	7.67	1.69744e	10.45	1.07061e	14.32
06	BHBS4	409514	7.67	1.73512e	10.45	1.05538e	14.32
07	BHBT0	388795	7.67	1.66274e	10.46	1.03207e	14.32
08	BHBT3	372125	7.67	1.60647e	10.45	987850	14.32
09	BHBT4	374499	7.67	1.60322e	10.45	1.00271e	14.32
10	BHBW7	453665	7.67	1.93997e	10.45	1.20227e	14.32
11	BHBX2	423724	7.67	1.81861e	10.45	1.1125e+	14.32
12	BHBX3	429290	7.67	1.89011e	10.45	1.16956e	14.32
13	BH5T6	457734	7.67	1.92091e	10.45	1.1147e+	14.32
14	BH5T7	399967	7.67	1.73717e	10.45	1.03891e	14.32
15	SBLK227	567710	7.67	2.65176e	10.45	1.8006e+	14.32
16	BHBX5DL	512278	7.67	2.15226e	10.45	1.26374e	14.32
17	SLCS173	420208	7.67	1.75265e	10.45	1.05276e	14.32



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN060824 SAS No.: BN060824 SDG NO.: BN060824

EPA Sample No.: SSTD020205 Date Analyzed: Jun 8 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 22:25

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	537524	7.687	2.44038e+01	10.47	1.62391e+001	14.33
UPPER LIMIT	1075048	8.187	4880760	10.969	3247820	14.828
LOWER LIMIT	268762	7.187	1220190	9.969	811955	13.828
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN060824 SAS No.: BN060824 SDG NO.: BN060824

EPA Sample No.: SSTD020280 Date Analyzed: Jun 8 2024 12:00AM

Lab File ID: BN031851.D Time Analyzed: 10:36

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	415300	7.669	1.78832e+00	10.45	1.14412e+00	14.32
UPPER LIMIT	830600	8.169	3576640	10.951	2288240	14.816
LOWER LIMIT	207650	7.169	894160	9.951	572060	13.816
EPA SAMPLE NO.						
01 SBLK227	597062	7.67	2.77105e	10.45	1.79214e	14.32
02 BHBW8	457735	7.67	2.0164e+	10.45	1.22143e	14.32
03 BHBX4	585703	7.67	2.4912e+	10.45	1.49303e	14.32
04 BHBX5	360544	7.67	1.55076e	10.45	967667	14.32
05 BHBX9	400595	7.67	1.69744e	10.45	1.07061e	14.32
06 BHBS4	409514	7.67	1.73512e	10.45	1.05538e	14.32
07 BHBT0	388795	7.67	1.66274e	10.46	1.03207e	14.32
08 BHBT3	372125	7.67	1.60647e	10.45	987850	14.32
09 BHBT4	374499	7.67	1.60322e	10.45	1.00271e	14.32
10 BHBW7	453665	7.67	1.93997e	10.45	1.20227e	14.32
11 BHBX2	423724	7.67	1.81861e	10.45	1.1125e+	14.32
12 BHBX3	429290	7.67	1.89011e	10.45	1.16956e	14.32
13 BH5T6	457734	7.67	1.92091e	10.45	1.1147e+	14.32
14 BH5T7	399967	7.67	1.73717e	10.45	1.03891e	14.32

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.: BN060824 SAS No.: BN060824 SDG NO.: BN060824

EPA Sample No.: SSTD020281 Date Analyzed: Jun 8 2024 12:00AM

Lab File ID: BN031866.D Time Analyzed: 21:06

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	484244	7.669	2.0711e+00	10.45	1.24161e+00	14.32
UPPER LIMIT	968488	8.169	4142200	10.951	2483220	14.816
LOWER LIMIT	242122	7.169	1035550	9.951	620805	13.816
EPA SAMPLE NO.						
01 SBLK227	567710	7.67	2.65176e	10.45	1.8006e+	14.32
02 BHBX5DL	512278	7.67	2.15226e	10.45	1.26374e	14.32
03 SLCS173	420208	7.67	1.75265e	10.45	1.05276e	14.32

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.: BN060824 SAS No.: BN060824 SDG NO.: BN060824

EPA Sample No.: SSTD020205 Date Analyzed: Jun 8 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 10:36

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	3.4478e+00	17.069	3.17344e+	21.304	3.57577e+0	24.245
	UPPER LIMIT	6895600	17.569	6346880	21.804	7151540	24.745
	LOWER LIMIT	1723900	16.569	1586720	20.804	1787885	23.745
	EPA SAMPLE NO.						
01	SBLK227	3.53901	17.06	2.47469e+	21.30	2.81693e+	24.24
02	BHBW8	2.52181	17.06	1.78038e+	21.30	1.96795e+	24.25
03	BHBX4	2.73226	17.06	1.92772e+	21.30	2.44819e+	24.25
04	BHBX5	1.97251	17.06	1.16111e+ *	21.30	1.34438e+ *	24.25
05	BHBX9	2.08207	17.06	1.26915e+ *	21.30	1.45103e+ *	24.25
06	BHBS4	2.08962	17.06	1.26494e+ *	21.30	1.47979e+ *	24.25
07	BHBT0	1.96449	17.06	1.2671e+0 *	21.30	1.46717e+ *	24.24
08	BHBT3	1.90756	17.06	1.16629e+ *	21.30	1.32797e+ *	24.24
09	BHBT4	2.01361	17.06	1.31281e+ *	21.30	1.42732e+ *	24.25
10	BHBW7	2.30509	17.06	1.417e+00 *	21.30	1.61773e+ *	24.25
11	BHBX2	2.17393	17.06	1.30465e+ *	21.30	1.53351e+ *	24.25
12	BHBX3	2.40743	17.07	1.45903e+ *	21.31	1.71541e+ *	24.25
13	BH5T6	1.8662e	17.06	1.28369e+ *	21.30	1.55002e+ *	24.25
14	BH5T7	1.86622	17.06	1.22783e+ *	21.30	1.43559e+ *	24.25
15	SBLK227	3.61311	17.06	2.5118e+0	21.30	2.70964e+	24.25
16	BHBX5DL	2.22604	17.06	1.52651e+ *	21.30	1.81058e+	24.24
17	SLCS173	1.9311e	17.06	1.22869e+ *	21.30	1.45464e+ *	24.24

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN060824 SAS No.: BN060824 SDG NO.: BN060824

EPA Sample No.: SSTD020205 Date Analyzed: Jun 8 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 22:25

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	3.4478e+00	17.069	3.17344e+	21.304	3.57577e+00	24.245
UPPER LIMIT	6895600	17.569	6346880	21.804	7151540	24.745
LOWER LIMIT	1723900	16.569	1586720	20.804	1787885	23.745
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN060824 SAS No.: BN060824 SDG NO.: BN060824

EPA Sample No.: SSTD020280 Date Analyzed: Jun 8 2024 12:00AM

Lab File ID: BN031851.D Time Analyzed: 10:36

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	2.48902e+01	17.063	1.9507e+0	21.304	2.00196e+01	24.245
UPPER LIMIT	4978040	17.563	3901400	21.804	4003920	24.745
LOWER LIMIT	1244510	16.563	975350	20.804	1000980	23.745
EPA SAMPLE NO.						
01 SBLK227	3.53901	17.06	2.47469e+	21.30	2.81693e+	24.24
02 BHBW8	2.52181	17.06	1.78038e+	21.30	1.96795e+	24.25
03 BHBX4	2.73226	17.06	1.92772e+	21.30	2.44819e+	24.25
04 BHBX5	1.97251	17.06	1.16111e+	21.30	1.34438e+	24.25
05 BHBX9	2.08207	17.06	1.26915e+	21.30	1.45103e+	24.25
06 BHBS4	2.08962	17.06	1.26494e+	21.30	1.47979e+	24.25
07 BHBT0	1.96449	17.06	1.2671e+0	21.30	1.46717e+	24.24
08 BHBT3	1.90756	17.06	1.16629e+	21.30	1.32797e+	24.24
09 BHBT4	2.01361	17.06	1.31281e+	21.30	1.42732e+	24.25
10 BHBW7	2.30509	17.06	1.417e+00	21.30	1.61773e+	24.25
11 BHBX2	2.17393	17.06	1.30465e+	21.30	1.53351e+	24.25
12 BHBX3	2.40743	17.07	1.45903e+	21.31	1.71541e+	24.25
13 BH5T6	1.8662e	17.06	1.28369e+	21.30	1.55002e+	24.25
14 BH5T7	1.86622	17.06	1.22783e+	21.30	1.43559e+	24.25

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.: BN060824 SAS No.: BN060824 SDG NO.: BN060824

EPA Sample No.: SSTD020281 Date Analyzed: Jun 8 2024 12:00AM

Lab File ID: BN031866.D Time Analyzed: 21:06

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	2.28758e+01	17.063	1.50892e+	21.304	1.76255e+01	24.239
UPPER LIMIT	4575160	17.563	3017840	21.804	3525100	24.739
LOWER LIMIT	1143790	16.563	754460	20.804	881275	23.739
EPA SAMPLE NO.						
01 SBLK227	3.61311	17.06	2.5118e+0	21.30	2.70964e+	24.25
02 BHBX5DL	2.22604	17.06	1.52651e+	21.30	1.81058e+	24.24
03 SLCS173	1.9311e	17.06	1.22869e+	21.30	1.45464e+	24.24

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 LOWER 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.: BN060824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161173BS	1,4-Dioxane	530	430	ug/Kg	81				0	0		
	Benzaldehyde	1300	1500	ug/Kg	115				0	0		
	Pyridine	1300	1100	ug/Kg	85				0	0		
	Phenol	1300	1200	ug/Kg	92				0	0		
	Bis(2-chloroethyl)ether	1300	1100	ug/Kg	85				0	0		
	2-Chlorophenol	1300	1300	ug/Kg	100				0	0		
	2-Methylphenol	1300	1200	ug/Kg	92				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1100	ug/Kg	85				0	0		
	Acetophenone	1300	1100	ug/Kg	85				0	0		
	4-Methylphenol	1300	1200	ug/Kg	92				0	0		
	N-Nitroso-di-n-propylamine	1300	1000	ug/Kg	77				0	0		
	Hexachloroethane	1300	1100	ug/Kg	85				0	0		
	Nitrobenzene	1300	1200	ug/Kg	92				0	0		
	Isophorone	1300	1100	ug/Kg	85				0	0		
	2-Nitrophenol	1300	1400	ug/Kg	108				0	0		
	2,4-Dimethylphenol	1300	780	ug/Kg	60				0	0		
	Bis(2-chloroethoxy)methane	1300	1100	ug/Kg	85				0	0		
	2,4-Dichlorophenol	1300	1300	ug/Kg	100				0	0		
	Naphthalene	1300	1200	ug/Kg	92				0	0		
	4-Chloroaniline	1300	1100	ug/Kg	85				0	0		
	Hexachlorobutadiene	1300	1200	ug/Kg	92				0	0		
	Caprolactam	1300	1200	ug/Kg	92				0	0		
	4-Chloro-3-methylphenol	1300	1200	ug/Kg	92				0	0		
	1-Methylnaphthalene	1300	1200	ug/Kg	92				0	0		
	2-Methylnaphthalene	1300	1200	ug/Kg	92				0	0		
	Hexachlorocyclopentadiene	1300	340	ug/Kg	26				0	0		
	2,4,6-Trichlorophenol	1300	1400	ug/Kg	108				0	0		
	2,4,5-Trichlorophenol	1300	1400	ug/Kg	108				0	0		
	1,1'-Biphenyl	1300	1300	ug/Kg	100				0	0		
	2-Chloronaphthalene	1300	1300	ug/Kg	100				0	0		
	2-Nitroaniline	1300	1400	ug/Kg	108				0	0		
	Dimethylphthalate	1300	1200	ug/Kg	92				0	0		
	2,6-Dinitrotoluene	1300	1300	ug/Kg	100				0	0		
	Acenaphthylene	1300	1300	ug/Kg	100				0	0		
	3-Nitroaniline	1300	1500	ug/Kg	115				0	0		
	Acenaphthene	1300	1200	ug/Kg	92				0	0		
	2,4-Dinitrophenol	1300	1100	ug/Kg	85				0	0		
	4-Nitrophenol	1300	1200	ug/Kg	92				0	0		
	Dibenzofuran	1300	1300	ug/Kg	100				0	0		
	2,4-Dinitrotoluene	1300	1300	ug/Kg	100				0	0		
	Diethylphthalate	1300	1200	ug/Kg	92				0	0		
	Fluorene	1300	1200	ug/Kg	92				0	0		
	4-Chlorophenyl-phenylether	1300	1200	ug/Kg	92				0	0		
	4-Nitroaniline	1300	1500	ug/Kg	115				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN060824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161173BS	4,6-Dinitro-2-methylphenol	1300	1300	ug/Kg	100				0	0		
	N-Nitrosodiphenylamine	1300	1400	ug/Kg	108				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1300	ug/Kg	100				0	0		
	4-Bromophenyl-phenylether	1300	1400	ug/Kg	108				0	0		
	Hexachlorobenzene	1300	1300	ug/Kg	100				0	0		
	Atrazine	1300	1200	ug/Kg	92				0	0		
	Pentachlorophenol	1300	1200	ug/Kg	92				0	0		
	Phenanthrene	1300	1300	ug/Kg	100				0	0		
	Pentachlorobenzene	1300	1500	ug/Kg	115				0	0		
	Anthracene	1300	1200	ug/Kg	92				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1500	ug/Kg	115				0	0		
	Carbazole	1300	1300	ug/Kg	100				0	0		
	Di-n-butylphthalate	1300	1300	ug/Kg	100				0	0		
	Fluoranthene	1300	1500	ug/Kg	115				0	0		
	Pyrene	1300	1500	ug/Kg	115				0	0		
	Butylbenzylphthalate	1300	1400	ug/Kg	108				0	0		
	3,3'-Dichlorobenzidine	1300	1400	ug/Kg	108				0	0		
	Benzo(a)anthracene	1300	1300	ug/Kg	100				0	0		
	Chrysene	1300	1400	ug/Kg	108				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1300	ug/Kg	100				0	0		
	Di-n-octylphthalate	1300	1300	ug/Kg	100				0	0		
	Benzo(b)fluoranthene	1300	1300	ug/Kg	100				0	0		
	Benzo(k)fluoranthene	1300	1300	ug/Kg	100				0	0		
	Benzo(a)pyrene	1300	1200	ug/Kg	92				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1400	ug/Kg	108				0	0		
	Dibenzo(a,h)anthracene	1300	1400	ug/Kg	108				0	0		
	Benzo(g,h,i)perylene	1300	1400	ug/Kg	108				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1200	ug/Kg	92				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

BHBW8

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN060824

SAS No.: BN060824 SDG NO.: BN060824

Lab File ID: BN031853.D

Lab Sample ID: P2634-02

Instrument ID: BNA_N

Date Extracted: 05/29/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/08/2024

Level: (low/med) LOW

Time Analyzed: 11:16

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHBW8	P2634-02	BN031853.D	06/08/2024
BHBX4	P2634-10	BN031854.D	06/08/2024
BHBX5	P2634-11	BN031855.D	06/08/2024
BHBX9	P2634-15	BN031856.D	06/08/2024
BHBW7	P2634-01	BN031861.D	06/08/2024
BHBX2	P2634-08	BN031862.D	06/08/2024
BHBX3	P2634-09	BN031863.D	06/08/2024
PB161173BS	PB161173BS	BN031869.D	06/08/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK227

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN060824

SAS No.: BN060824 SDG NO.: BN060824

Lab File ID: BN031852.D

Lab Sample ID: PB161227BL

Instrument ID: BNA_N

Date Extracted: 05/31/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/08/2024

Level: (low/med) LOW

Time Analyzed: 10:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH5T6	P2647-05	BN031864.D	06/08/2024
BH5T7	P2647-06	BN031865.D	06/08/2024
BHBS4	P2647-10	BN031857.D	06/08/2024
BHBT0	P2647-16	BN031858.D	06/08/2024
BHBT3	P2647-19	BN031859.D	06/08/2024
BHBT4	P2647-20	BN031860.D	06/08/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN060824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2634-01	BHBW7	BN031861.D	1,4-Dioxane-d8	8	3.79	47		15	120
			Pyridine-d5	40	11.73	29		20	120
			Phenol-d5	40	24.29	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.53	56		10	150
			2-Chlorophenol-d4	40	25.63	64		15	120
			4-Methylphenol-d8	40	22.27	56		10	140
			Nitrobenzene-d5	40	26.62	67		10	135
			2-Nitrophenol-d4	40	27.76	69		10	120
			2,4-Dichlorophenol-d3	40	25.62	64		10	140
			4-Chloroaniline-d4	40	14.22	36		1	145
			Dimethylphthalate-d6	40	25.12	63		10	145
			Acenaphthylene-d8	40	26.35	66		15	120
			4-Nitrophenol-d4	40	23.21	58		10	150
			Fluorene-d10	40	26.10	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.83	37		10	130
			Anthracene-d10	40	26.39	66		10	150
			Pyrene-d10	40	31.21	78		10	130
			Benzo(a)pyrene-d12	40	20.81	52		10	140
P2634-02	BHBW8	BN031853.D	1,4-Dioxane-d8	8	4.81	60		15	120
			Pyridine-d5	40	22.16	55		20	120
			Phenol-d5	40	29.24	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.44	69		10	150
			2-Chlorophenol-d4	40	31.32	78		15	120
			4-Methylphenol-d8	40	27.91	70		10	140
			Nitrobenzene-d5	40	30.67	77		10	135
			2-Nitrophenol-d4	40	32.86	82		10	120
			2,4-Dichlorophenol-d3	40	29.43	74		10	140
			4-Chloroaniline-d4	40	22.95	57		1	145
			Dimethylphthalate-d6	40	28.65	72		10	145
			Acenaphthylene-d8	40	29.81	75		15	120
			4-Nitrophenol-d4	40	26.02	65		10	150
			Fluorene-d10	40	29.78	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.61	49		10	130
			Anthracene-d10	40	29.93	75		10	150
			Pyrene-d10	40	36.32	91		10	130
			Benzo(a)pyrene-d12	40	28.86	72		10	140
P2634-08	BHBX2	BN031862.D	1,4-Dioxane-d8	8	4.64	58		15	120
			Pyridine-d5	40	5.72	14	*	20	120
			Phenol-d5	40	28.52	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.29	66		10	150
			2-Chlorophenol-d4	40	30.78	77		15	120
			4-Methylphenol-d8	40	25.79	64		10	140
			Nitrobenzene-d5	40	31.34	78		10	135
			2-Nitrophenol-d4	40	32.70	82		10	120
			2,4-Dichlorophenol-d3	40	30.11	75		10	140
			4-Chloroaniline-d4	40	9.48	24		1	145
			Dimethylphthalate-d6	40	29.74	74		10	145
			Acenaphthylene-d8	40	31.66	79		15	120
			4-Nitrophenol-d4	40	23.09	58		10	150

Surrogate Summary

SW-846

SDG No.: **BN060824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2634-08	BHBX2	BN031862.D	Fluorene-d10	40	31.24	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.42	36		10	130
			Anthracene-d10	40	30.35	76		10	150
			Pyrene-d10	40	35.46	89		10	130
			Benzo(a)pyrene-d12	40	22.45	56		10	140
P2634-09	BHBX3	BN031863.D	1,4-Dioxane-d8	8	3.97	50		15	120
			Pyridine-d5	40	9.67	24		20	120
			Phenol-d5	40	28.42	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.73	64		10	150
			2-Chlorophenol-d4	40	29.79	74		15	120
			4-Methylphenol-d8	40	27.64	69		10	140
			Nitrobenzene-d5	40	30.08	75		10	135
			2-Nitrophenol-d4	40	32.46	81		10	120
			2,4-Dichlorophenol-d3	40	29.94	75		10	140
			4-Chloroaniline-d4	40	13.79	34		1	145
			Dimethylphthalate-d6	40	30.78	77		10	145
			Acenaphthylene-d8	40	31.95	80		15	120
			4-Nitrophenol-d4	40	29.04	73		10	150
			Fluorene-d10	40	32.07	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.29	48		10	130
			Anthracene-d10	40	32.27	81		10	150
			Pyrene-d10	40	36.73	92		10	130
			Benzo(a)pyrene-d12	40	24.37	61		10	140
P2634-10	BHBX4	BN031854.D	1,4-Dioxane-d8	8	5.81	73		15	120
			Pyridine-d5	40	27.54	69		20	120
			Phenol-d5	40	33.57	84		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.43	79		10	150
			2-Chlorophenol-d4	40	36.24	91		15	120
			4-Methylphenol-d8	40	31.32	78		10	140
			Nitrobenzene-d5	40	36.53	91		10	135
			2-Nitrophenol-d4	40	39.46	99		10	120
			2,4-Dichlorophenol-d3	40	34.62	87		10	140
			4-Chloroaniline-d4	40	24.23	61		1	145
			Dimethylphthalate-d6	40	33.60	84		10	145
			Acenaphthylene-d8	40	35.23	88		15	120
			4-Nitrophenol-d4	40	30.25	76		10	150
			Fluorene-d10	40	33.16	83		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.29	66		10	130
			Anthracene-d10	40	35.08	88		10	150
			Pyrene-d10	40	37.01	93		10	130
			Benzo(a)pyrene-d12	40	35.10	88		10	140
P2634-11	BHBX5	BN031855.D	1,4-Dioxane-d8	8	5.25	66		15	120
			Pyridine-d5	40	21.58	54		20	120
			Phenol-d5	40	31.04	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.09	73		10	150
			2-Chlorophenol-d4	40	33.48	84		15	120
			4-Methylphenol-d8	40	26.92	67		10	140
			Nitrobenzene-d5	40	33.32	83		10	135
			2-Nitrophenol-d4	40	35.01	88		10	120

Surrogate Summary

SW-846

SDG No.: BN060824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2634-11	BHBX5	BN031855.D	2,4-Dichlorophenol-d3	40	31.61	79		10	140
			4-Chloroaniline-d4	40	22.92	57		1	145
			Dimethylphthalate-d6	40	29.80	74		10	145
			Acenaphthylene-d8	40	32.75	82		15	120
			4-Nitrophenol-d4	40	27.93	70		10	150
			Fluorene-d10	40	31.71	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.29	46		10	130
			Anthracene-d10	40	32.32	81		10	150
			Pyrene-d10	40	40.30	101		10	130
			Benzo(a)pyrene-d12	40	32.23	81		10	140
P2634-11DL	BHBX5DL	BN031868.D	1,4-Dioxane-d8	8	6.13	77		15	120
			Pyridine-d5	40	25.16	63		20	120
			Phenol-d5	40	35.38	88		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.00	85		10	150
			2-Chlorophenol-d4	40	38.24	96		15	120
			4-Methylphenol-d8	40	30.99	77		10	140
			Nitrobenzene-d5	40	38.26	96		10	135
			2-Nitrophenol-d4	40	38.02	95		10	120
			2,4-Dichlorophenol-d3	40	36.30	91		10	140
			4-Chloroaniline-d4	40	25.58	64		1	145
			Dimethylphthalate-d6	40	37.17	93		10	145
			Acenaphthylene-d8	40	39.16	98		15	120
			4-Nitrophenol-d4	40	24.02	60		10	150
			Fluorene-d10	40	37.32	93		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.40	36		10	130
			Anthracene-d10	40	39.19	98		10	150
			Pyrene-d10	40	41.87	105		10	130
			Benzo(a)pyrene-d12	40	38.42	96		10	140
P2634-15	BHBX9	BN031856.D	1,4-Dioxane-d8	8	4.36	54		15	120
			Pyridine-d5	40	7.64	19	*	20	120
			Phenol-d5	40	25.75	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.83	60		10	150
			2-Chlorophenol-d4	40	27.53	69		15	120
			4-Methylphenol-d8	40	21.75	54		10	140
			Nitrobenzene-d5	40	28.60	72		10	135
			2-Nitrophenol-d4	40	29.54	74		10	120
			2,4-Dichlorophenol-d3	40	27.98	70		10	140
			4-Chloroaniline-d4	40	8.57	21		1	145
			Dimethylphthalate-d6	40	27.50	69		10	145
			Acenaphthylene-d8	40	28.97	72		15	120
			4-Nitrophenol-d4	40	21.86	55		10	150
			Fluorene-d10	40	29.79	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.43	39		10	130
			Anthracene-d10	40	30.98	77		10	150
			Pyrene-d10	40	34.51	86		10	130
			Benzo(a)pyrene-d12	40	24.11	60		10	140
PB161173BS	PB161173BS	BN031869.D	1,4-Dioxane-d8	8	6.21	78		15	120
			Pyridine-d5	40	31.81	80		20	120
			Phenol-d5	40	34.96	87		10	130



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

Surrogate Summary

SW-846

SDG No.: BN060824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161173BS	PB161173BS	BN031869.D	Bis(2-Chloroethyl)ether-d8	40	32.09	80		10	150
			2-Chlorophenol-d4	40	37.61	94		15	120
			4-Methylphenol-d8	40	33.29	83		10	140
			Nitrobenzene-d5	40	38.38	96		10	135
			2-Nitrophenol-d4	40	40.24	101		10	120
			2,4-Dichlorophenol-d3	40	37.33	93		10	140
			4-Chloroaniline-d4	40	34.26	86		1	145
			Dimethylphthalate-d6	40	35.56	89		10	145
			Acenaphthylene-d8	40	36.96	92		15	120
			4-Nitrophenol-d4	40	34.82	87		10	150
			Fluorene-d10	40	35.22	88		20	140
			4,6-Dinitro-2-methylphenol-d2	40	36.10	90		10	130
			Anthracene-d10	40	36.09	90		10	150
			Pyrene-d10	40	41.95	105		10	130
			Benzo(a)pyrene-d12	40	38.72	97		10	140

Surrogate Summary

SW-846

SDG No.: BN060824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2647-05	BH5T6	BN031864.D	1,4-Dioxane-d8	8	2.50	31		15	120
			Pyridine-d5	40	9.60	24		20	120
			Phenol-d5	40	15.54	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.50	36		10	150
			2-Chlorophenol-d4	40	16.66	42		15	120
			4-Methylphenol-d8	40	15.30	38		10	140
			Nitrobenzene-d5	40	16.97	42		10	135
			2-Nitrophenol-d4	40	17.14	43		10	120
			2,4-Dichlorophenol-d3	40	15.67	39		10	140
			4-Chloroaniline-d4	40	14.35	36		1	145
			Dimethylphthalate-d6	40	15.55	39		10	145
			Acenaphthylene-d8	40	16.73	42		15	120
			4-Nitrophenol-d4	40	11.90	30		10	150
			Fluorene-d10	40	15.75	39		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.25	21		10	130
			Anthracene-d10	40	15.12	38		10	150
			Pyrene-d10	40	18.09	45		10	130
			Benzo(a)pyrene-d12	40	16.19	40		10	140
P2647-06	BH5T7	BN031865.D	1,4-Dioxane-d8	8	4.83	60		15	120
			Pyridine-d5	40	19.46	49		20	120
			Phenol-d5	40	32.15	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.73	72		10	150
			2-Chlorophenol-d4	40	33.59	84		15	120
			4-Methylphenol-d8	40	31.80	79		10	140
			Nitrobenzene-d5	40	34.03	85		10	135
			2-Nitrophenol-d4	40	35.91	90		10	120
			2,4-Dichlorophenol-d3	40	32.51	81		10	140
			4-Chloroaniline-d4	40	28.95	72		1	145
			Dimethylphthalate-d6	40	32.18	80		10	145
			Acenaphthylene-d8	40	34.04	85		15	120
			4-Nitrophenol-d4	40	28.27	71		10	150
			Fluorene-d10	40	32.46	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.18	53		10	130
			Anthracene-d10	40	32.10	80		10	150
			Pyrene-d10	40	37.72	94		10	130
			Benzo(a)pyrene-d12	40	33.22	83		10	140
P2647-10	BHBS4	BN031857.D	1,4-Dioxane-d8	8	3.56	45		15	120
			Pyridine-d5	40	8.64	22		20	120
			Phenol-d5	40	21.25	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.84	52		10	150
			2-Chlorophenol-d4	40	23.65	59		15	120
			4-Methylphenol-d8	40	18.23	46		10	140
			Nitrobenzene-d5	40	24.41	61		10	135
			2-Nitrophenol-d4	40	24.71	62		10	120
			2,4-Dichlorophenol-d3	40	22.94	57		10	140
			4-Chloroaniline-d4	40	11.94	30		1	145
			Dimethylphthalate-d6	40	22.80	57		10	145
			Acenaphthylene-d8	40	24.22	61		15	120
			4-Nitrophenol-d4	40	20.48	51		10	150

Surrogate Summary

SW-846

SDG No.: BN060824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2647-10	BHBS4	BN031857.D	Fluorene-d10	40	24.06	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.14	30		10	130
			Anthracene-d10	40	24.97	62		10	150
			Pyrene-d10	40	28.01	70		10	130
			Benzo(a)pyrene-d12	40	17.26	43		10	140
P2647-16	BHBT0	BN031858.D	1,4-Dioxane-d8	8	4.25	53		15	120
			Pyridine-d5	40	19.77	49		20	120
			Phenol-d5	40	25.70	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.49	59		10	150
			2-Chlorophenol-d4	40	27.14	68		15	120
			4-Methylphenol-d8	40	24.58	61		10	140
			Nitrobenzene-d5	40	27.83	70		10	135
			2-Nitrophenol-d4	40	28.92	72		10	120
			2,4-Dichlorophenol-d3	40	26.65	67		10	140
			4-Chloroaniline-d4	40	23.22	58		1	145
			Dimethylphthalate-d6	40	25.72	64		10	145
			Acenaphthylene-d8	40	27.14	68		15	120
			4-Nitrophenol-d4	40	24.29	61		10	150
			Fluorene-d10	40	26.98	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.90	37		10	130
			Anthracene-d10	40	27.14	68		10	150
			Pyrene-d10	40	32.26	81		10	130
			Benzo(a)pyrene-d12	40	26.72	67		10	140
			1,4-Dioxane-d8	8	3.33	42		15	120
			Pyridine-d5	40	5.78	14	*	20	120
P2647-19	BHBT3	BN031859.D	Phenol-d5	40	22.17	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.31	51		10	150
			2-Chlorophenol-d4	40	23.47	59		15	120
			4-Methylphenol-d8	40	20.01	50		10	140
			Nitrobenzene-d5	40	23.09	58		10	135
			2-Nitrophenol-d4	40	24.01	60		10	120
			2,4-Dichlorophenol-d3	40	22.14	55		10	140
			4-Chloroaniline-d4	40	9.59	24		1	145
			Dimethylphthalate-d6	40	22.38	56		10	145
			Acenaphthylene-d8	40	23.60	59		15	120
			4-Nitrophenol-d4	40	18.50	46		10	150
			Fluorene-d10	40	23.78	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.29	28		10	130
			Anthracene-d10	40	23.68	59		10	150
			Pyrene-d10	40	26.31	66		10	130
			Benzo(a)pyrene-d12	40	16.62	42		10	140
			1,4-Dioxane-d8	8	4.00	50		15	120
			Pyridine-d5	40	14.05	35		20	120
			Phenol-d5	40	25.30	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.17	58		10	150
P2647-20	BHBT4	BN031860.D	2-Chlorophenol-d4	40	26.94	67		15	120
			4-Methylphenol-d8	40	24.57	61		10	140
			Nitrobenzene-d5	40	27.12	68		10	135
			2-Nitrophenol-d4	40	28.15	70		10	120

Surrogate Summary

SW-846

SDG No.: **BN060824**

Client:

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2647-20	BHBT4	BN031860.D	2,4-Dichlorophenol-d3	40	26.10	65		10	140
			4-Chloroaniline-d4	40	21.58	54		1	145
			Dimethylphthalate-d6	40	24.67	62		10	145
			Acenaphthylene-d8	40	26.91	67		15	120
			4-Nitrophenol-d4	40	24.41	61		10	150
			Fluorene-d10	40	27.89	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.87	35		10	130
			Anthracene-d10	40	25.82	65		10	150
			Pyrene-d10	40	32.31	81		10	130
			Benzo(a)pyrene-d12	40	25.89	65		10	140
PB161227BL	PB161227BL	BN031867.D	1,4-Dioxane-d8	8	4.57	57		15	120
			Pyridine-d5	40	24.61	62		20	120
		BN031852.D	Pyridine-d5	40	25.36	63		20	120
			1,4-Dioxane-d8	8	4.71	59		15	120
		BN031867.D	Phenol-d5	40	27.71	69		10	130
			Phenol-d5	40	28.00	70		10	130
		BN031852.D	Bis(2-Chloroethyl)ether-d8	40	25.79	64		10	150
			Bis(2-Chloroethyl)ether-d8	40	26.09	65		10	150
		BN031867.D	2-Chlorophenol-d4	40	29.79	74		15	120
			2-Chlorophenol-d4	40	29.71	74		15	120
		BN031852.D	4-Methylphenol-d8	40	28.47	71		10	140
			4-Methylphenol-d8	40	27.92	70		10	140
		BN031867.D	Nitrobenzene-d5	40	27.86	70		10	135
			Nitrobenzene-d5	40	28.27	71		10	135
		BN031852.D	2-Nitrophenol-d4	40	29.93	75		10	120
			2-Nitrophenol-d4	40	29.49	74		10	120
		BN031867.D	2,4-Dichlorophenol-d3	40	26.16	65		10	140
			2,4-Dichlorophenol-d3	40	27.27	68		10	140
		BN031852.D	4-Chloroaniline-d4	40	27.53	69		1	145
			4-Chloroaniline-d4	40	27.16	68		1	145
		BN031867.D	Dimethylphthalate-d6	40	25.39	63		10	145
			Dimethylphthalate-d6	40	25.58	64		10	145
		BN031852.D	Acenaphthylene-d8	40	25.67	64		15	120
			Acenaphthylene-d8	40	26.21	66		15	120
		BN031867.D	4-Nitrophenol-d4	40	25.42	64		10	150
			4-Nitrophenol-d4	40	25.95	65		10	150
		BN031852.D	Fluorene-d10	40	25.44	64		20	140
			Fluorene-d10	40	25.80	64		20	140
		BN031867.D	4,6-Dinitro-2-methylphenol-d2	40	22.53	56		10	130
			4,6-Dinitro-2-methylphenol-d2	40	21.07	53		10	130
		BN031852.D	Anthracene-d10	40	26.78	67		10	150
			Anthracene-d10	40	27.36	68		10	150
		BN031867.D	Pyrene-d10	40	29.91	75		10	130
			Pyrene-d10	40	31.13	78		10	130
		BN031852.D	Benzo(a)pyrene-d12	40	27.11	68		10	140
			Benzo(a)pyrene-d12	40	26.46	66		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN060824

Lab Code: CHEM

SAS No.: BN060824

SDG NO.: BN060824

Lab File ID: BN031850.D

DFTPP Injection Date: 06/08/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.5
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.5
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	70
443	15.0 - 24.0% of mass 442	13 (18.6) 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
SSTD020280	SSTDCCC020	BN031851.D	06/08/2024	09:57
SBLK227	PB161227BL	BN031852.D	06/08/2024	10:36
BHBW8	P2634-02	BN031853.D	06/08/2024	11:16
BHBX4	P2634-10	BN031854.D	06/08/2024	11:55
BHBX5	P2634-11	BN031855.D	06/08/2024	12:34
BHBX9	P2634-15	BN031856.D	06/08/2024	13:14
BHBS4	P2647-10	BN031857.D	06/08/2024	13:53
BHBT0	P2647-16	BN031858.D	06/08/2024	14:33
BHBT3	P2647-19	BN031859.D	06/08/2024	15:12
BHBT4	P2647-20	BN031860.D	06/08/2024	15:51
BHBW7	P2634-01	BN031861.D	06/08/2024	16:31
BHBX2	P2634-08	BN031862.D	06/08/2024	17:10
BHBX3	P2634-09	BN031863.D	06/08/2024	17:49
BH5T6	P2647-05	BN031864.D	06/08/2024	18:29
BH5T7	P2647-06	BN031865.D	06/08/2024	19:08
SSTD020281	SSTDCCC020	BN031866.D	06/08/2024	20:27
SBLK227	PB161227BL	BN031867.D	06/08/2024	21:06
BHBX5DL	P2634-11DL	BN031868.D	06/08/2024	21:45

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN060824

Lab Code: CHEM

SAS No.: BN060824

SDG NO.: BN060824

Lab File ID: BN031850.D

DFTPP Injection Date: 06/08/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:18

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.5
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	35.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.5
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	70
443	15.0 - 24.0% of mass 442	13 (18.6) 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
SLCS173	PB161173BS	BN031869.D	06/08/2024	22:25
SSTD020282	SSTDCCC020EC	BN031870.D	06/08/2024	23:04