

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060624 SAS No.: BN060624 SDG No.: BN060624

Instrument ID: BNA_N Calibration Date/Time: 6/6/2024 12:11:16

Lab File ID: BN031813.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020276 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	0.518	0.010	0.0712	40.0
Benzaldehyde	0.804	0.762	0.010	-5.2002	40.0
Pyridine	1.361	1.372	0.010	0.8022	40.0
Phenol	1.745	1.759	0.080	0.8117	20.0
Bis(2-Chloroethyl) ether	1.443	1.437	0.100	-0.396	20.0
2-Chlorophenol	1.369	1.385	0.200	1.1903	20.0
2-Methylphenol	1.348	1.321	0.010	-2.0046	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.552	0.010	-6.5468	40.0
Acetophenone	2.118	2.095	0.060	-1.0963	20.0
4-Methylphenol	1.461	1.435	0.010	-1.8087	20.0
N-Nitroso-di-n-propylamine	1.098	1.015	0.050	-7.5393	30.0
Hexachloroethane	0.580	0.576	0.100	-0.6884	20.0
Nitrobenzene	0.364	0.374	0.050	2.7419	25.0
Isophorone	0.747	0.697	0.050	-6.7376	25.0
2-Nitrophenol	0.173	0.184	0.050	6.7385	25.0
2,4-Dimethylphenol	0.336	0.333	0.050	-0.6782	25.0
Bis(2-Chloroethoxy) methane	0.466	0.441	0.050	-5.2167	20.0
2,4-Dichlorophenol	0.291	0.297	0.060	1.9849	20.0
Naphthalene	1.035	1.041	0.200	0.5737	20.0
4-Chloroaniline	0.425	0.416	0.010	-2.2193	40.0
Hexachlorobutadiene	0.175	0.181	0.040	3.5	30.0
Caprolactam	0.114	0.106	0.010	-6.5914	40.0
4-Chloro-3-methylphenol	0.340	0.328	0.040	-3.6898	25.0
1-Methylnaphthalene	0.710	0.692	0.100	-2.4671	20.0
2-Methylnaphthalene	0.708	0.685	0.100	-3.1529	20.0
Hexachlorocyclopentadiene	0.305	0.397	0.010	30.1303	40.0
2,4,6-Trichlorophenol	0.359	0.389	0.090	8.3944	25.0
2,4,5-Trichlorophenol	0.390	0.414	0.100	6.1464	25.0
1,1-Biphenyl	1.407	1.476	0.200	4.9338	20.0
2-Chloronaphthalene	1.102	1.161	0.300	5.3464	20.0
2-Nitroaniline	0.319	0.330	0.050	3.3235	40.0
Dimethylphthalate	1.425	1.409	0.300	-1.1186	20.0
2,6-Dinitrotoluene	0.283	0.295	0.080	4.062	30.0
Acenaphthylene	1.811	1.904	0.400	5.1428	20.0
3-Nitroaniline	0.303	0.301	0.010	-0.6256	40.0
Acenaphthene	1.198	1.239	0.200	3.4229	20.0
2,4-Dinitrophenol	0.143	0.188	0.010	31.5071	40.0
4-Nitrophenol	0.207	0.217	0.010	4.9099	40.0
Dibenzofuran	1.628	1.655	0.300	1.691	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060624 SAS No.: BN060624 SDG No.: BN060624

Instrument ID: BNA_N Calibration Date/Time: 6/6/2024 12:11:16

Lab File ID: BN031813.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020276 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	0.410	0.070	-1.3765	30.0
Diethylphthalate	1.470	1.411	0.300	-4.0716	20.0
Fluorene	1.311	1.346	0.200	2.6936	20.0
4-Chlorophenyl-phenylether	0.635	0.643	0.100	1.2466	20.0
4-Nitroaniline	0.288	0.278	0.010	-3.7394	40.0
4,6-Dinitro-2-methylphenol	0.107	0.119	0.010	11.2105	40.0
N-Nitrosodiphenylamine	0.551	0.597	0.050	8.2617	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.573	0.100	8.3624	20.0
4-Bromophenyl-phenylether	0.194	0.202	0.070	4.0335	20.0
Hexachlorobenzene	0.220	0.228	0.050	3.6127	25.0
Atrazine	0.174	0.171	0.010	-1.9084	25.0
Pentachlorophenol	0.141	0.140	0.010	-0.6129	40.0
Phenanthrene	1.019	1.053	0.200	3.3944	20.0
Pentachlorobenzene	0.251	0.282	0.050	12.4988	20.0
Anthracene	1.032	1.083	0.200	4.867	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.297	0.050	15.5374	20.0
Carbazole	0.880	0.959	0.050	8.9378	40.0
Di-n-butylphthalate	1.211	1.197	0.500	-1.1468	25.0
Fluoranthene	1.279	1.479	0.400	15.6308	25.0
Pyrene	1.312	1.532	0.400	16.7611	25.0
Butylbenzylphthalate	0.620	0.657	0.100	6.0363	40.0
3,3-Dichlorobenzidine	0.384	0.426	0.010	10.9739	40.0
Benzo (a) anthracene	1.339	1.324	0.300	-1.1244	30.0
Chrysene	1.250	1.225	0.200	-2.0127	30.0
Bis(2-ethylhexyl)phthalate	0.904	0.900	0.200	-0.3533	40.0
Di-n-octyl phthalate	1.339	1.402	0.010	4.7347	40.0
Benzo (b) fluoranthene	1.195	1.206	0.200	0.8542	25.0
Benzo (k) fluoranthene	1.173	1.183	0.200	0.886	25.0
Benzo (a) pyrene	1.120	1.128	0.200	0.7585	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.374	0.200	6.507	25.0
Dibenzo (a,h) anthracene	1.053	1.143	0.200	8.5122	30.0
Benzo (g,h,i) perylene	1.026	1.133	0.200	10.4233	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.337	0.040	3.1781	20.0
1,4-Dioxane-d8	0.483	0.475	0.010	-1.6634	25.0
Pyridine-d5	1.361	1.348	0.010	-0.9444	40.0
Phenol-d5	1.715	1.736	0.010	1.2259	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.977	0.050	-2.5631	25.0
2-Chlorophenol-d4	1.308	1.355	0.200	3.6074	20.0
4-Methylphenol-d8	1.398	1.354	0.010	-3.1002	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060624 SAS No.: BN060624 SDG No.: BN060624

Instrument ID: BNA_N Calibration Date/Time: 6/6/2024 12:11:16

Lab File ID: BN031813.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020276 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.161	0.050	5.2247	20.0
2-Nitrophenol-d4	0.158	0.175	0.050	10.7351	30.0
2,4-Dichlorophenol-d3	0.295	0.300	0.060	1.6972	20.0
4-Chloroaniline-d4	0.438	0.423	0.010	-3.3278	40.0
Dimethylphthalate-d6	1.393	1.378	0.300	-1.1056	20.0
Acenaphthylene-d8	1.602	1.646	0.400	2.7636	20.0
4-Nitrophenol-d4	0.279	0.274	0.010	-1.8171	40.0
Fluorene-d10	1.179	1.180	0.100	0.1211	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.108	0.010	7.4525	40.0
Anthracene-d10	0.856	0.897	0.300	4.7593	20.0
Pyrene-d10	1.070	1.206	0.300	12.7315	25.0
Benzo(a)pyrene-d12	0.955	0.969	0.010	1.5076	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.: BN060624 SAS No.: BN060624 SDG No.: BN060624

Instrument ID: BNA_N Calibration Date/Time: 6/6/2024 12:17:53

Lab File ID: BN031823.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020277 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	0.506	0.010	-2.1359	50.0
Benzaldehyde	0.804	0.769	0.010	-4.3959	50.0
Pyridine	1.361	1.367	0.010	0.469	50.0
Phenol	1.745	1.779	0.080	1.9548	50.0
Bis(2-Chloroethyl) ether	1.443	1.432	0.100	-0.7214	50.0
2-Chlorophenol	1.369	1.418	0.200	3.6022	50.0
2-Methylphenol	1.348	1.343	0.010	-0.3142	50.0
2,2-oxybis(1-Chloropropane)	1.661	1.568	0.010	-5.5988	50.0
Acetophenone	2.118	2.109	0.060	-0.4407	50.0
4-Methylphenol	1.461	1.450	0.010	-0.7353	50.0
N-Nitroso-di-n-propylamine	1.098	1.007	0.050	-8.2535	50.0
Hexachloroethane	0.580	0.589	0.100	1.6142	50.0
Nitrobenzene	0.364	0.372	0.050	2.2077	50.0
Isophorone	0.747	0.693	0.050	-7.2543	50.0
2-Nitrophenol	0.173	0.182	0.050	5.6957	50.0
2,4-Dimethylphenol	0.336	0.330	0.050	-1.8092	50.0
Bis(2-Chloroethoxy) methane	0.466	0.440	0.050	-5.4498	50.0
2,4-Dichlorophenol	0.291	0.295	0.060	1.2724	50.0
Naphthalene	1.035	1.053	0.200	1.7159	50.0
4-Chloroaniline	0.425	0.424	0.010	-0.2944	50.0
Hexachlorobutadiene	0.175	0.178	0.040	1.9479	50.0
Caprolactam	0.114	0.109	0.010	-3.8966	50.0
4-Chloro-3-methylphenol	0.340	0.336	0.040	-1.3118	50.0
1-Methylnaphthalene	0.710	0.694	0.100	-2.2107	50.0
2-Methylnaphthalene	0.708	0.694	0.100	-1.8883	50.0
Hexachlorocyclopentadiene	0.305	0.334	0.010	9.6074	50.0
2,4,6-Trichlorophenol	0.359	0.378	0.090	5.2182	50.0
2,4,5-Trichlorophenol	0.390	0.409	0.100	4.9174	50.0
1,1-Biphenyl	1.407	1.455	0.200	3.4119	50.0
2-Chloronaphthalene	1.102	1.149	0.300	4.3271	50.0
2-Nitroaniline	0.319	0.331	0.050	3.6291	50.0
Dimethylphthalate	1.425	1.412	0.300	-0.8828	50.0
2,6-Dinitrotoluene	0.283	0.293	0.080	3.4037	50.0
Acenaphthylene	1.811	1.869	0.400	3.2269	50.0
3-Nitroaniline	0.303	0.313	0.010	3.2705	50.0
Acenaphthene	1.198	1.242	0.200	3.689	50.0
2,4-Dinitrophenol	0.143	0.188	0.010	31.6564	50.0
4-Nitrophenol	0.207	0.237	0.010	14.3561	50.0
Dibenzofuran	1.628	1.653	0.300	1.5532	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060624 SAS No.: BN060624 SDG No.: BN060624

Instrument ID: BNA_N Calibration Date/Time: 6/6/2024 12:17:53

Lab File ID: BN031823.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020277 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	0.427	0.070	2.7256	50.0
Diethylphthalate	1.470	1.418	0.300	-3.5818	50.0
Fluorene	1.311	1.355	0.200	3.3861	50.0
4-Chlorophenyl-phenylether	0.635	0.650	0.100	2.3457	50.0
4-Nitroaniline	0.288	0.303	0.010	5.2053	50.0
4,6-Dinitro-2-methylphenol	0.107	0.113	0.010	5.9114	50.0
N-Nitrosodiphenylamine	0.551	0.560	0.050	1.6584	50.0
1,2,4,5-Tetrachlorobenzene	0.529	0.550	0.100	4.0769	50.0
4-Bromophenyl-phenylether	0.194	0.195	0.070	0.8835	50.0
Hexachlorobenzene	0.220	0.217	0.050	-1.3883	50.0
Atrazine	0.174	0.165	0.010	-5.0076	50.0
Pentachlorophenol	0.141	0.143	0.010	2.0481	50.0
Phenanthrene	1.019	1.054	0.200	3.4813	50.0
Pentachlorobenzene	0.251	0.258	0.050	2.9069	50.0
Anthracene	1.032	1.081	0.200	4.7048	50.0
1,2,3,4-Tetrachlorobenzene	0.257	0.266	0.050	3.398	50.0
Carbazole	0.880	1.004	0.050	14.0941	50.0
Di-n-butylphthalate	1.211	1.212	0.500	0.1125	50.0
Fluoranthene	1.279	1.462	0.400	14.2683	50.0
Pyrene	1.312	1.513	0.400	15.2832	50.0
Butylbenzylphthalate	0.620	0.674	0.100	8.6795	50.0
3,3-Dichlorobenzidine	0.384	0.400	0.010	4.1804	50.0
Benzo (a) anthracene	1.339	1.353	0.300	1.1038	50.0
Chrysene	1.250	1.232	0.200	-1.4788	50.0
Bis (2-ethylhexyl) phthalate	0.904	0.952	0.200	5.4049	50.0
Di-n-octyl phthalate	1.339	1.897	0.010	41.6649	50.0
Benzo (b) fluoranthene	1.195	1.253	0.200	4.8053	50.0
Benzo (k) fluoranthene	1.173	1.230	0.200	4.8144	50.0
Benzo (a) pyrene	1.120	1.140	0.200	1.8289	50.0
Indeno (1,2,3-cd) pyrene	1.290	1.304	0.200	1.0903	50.0
Dibenzo (a,h) anthracene	1.053	1.086	0.200	3.0818	50.0
Benzo (g,h,i) perylene	1.026	1.087	0.200	5.9433	50.0
2,3,4,6-Tetrachlorophenol	0.326	0.342	0.040	4.8914	50.0
1,4-Dioxane-d8	0.483	0.482	0.010	-0.2394	50.0
Pyridine-d5	1.361	1.365	0.010	0.3052	50.0
Phenol-d5	1.715	1.765	0.010	2.9321	50.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.977	0.050	-2.5459	50.0
2-Chlorophenol-d4	1.308	1.351	0.200	3.2407	50.0
4-Methylphenol-d8	1.398	1.374	0.010	-1.6575	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN060624 SAS No.: BN060624 SDG No.: BN060624
 Instrument ID: BNA_N Calibration Date/Time: 6/6/2024 12:17:53
 Lab File ID: BN031823.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020277 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.162	0.050	5.975	50.0
2-Nitrophenol-d4	0.158	0.170	0.050	7.5289	50.0
2,4-Dichlorophenol-d3	0.295	0.302	0.060	2.4171	50.0
4-Chloroaniline-d4	0.438	0.434	0.010	-0.8828	50.0
Dimethylphthalate-d6	1.393	1.343	0.300	-3.6223	50.0
Acenaphthylene-d8	1.602	1.653	0.400	3.1717	50.0
4-Nitrophenol-d4	0.279	0.294	0.010	5.2771	50.0
Fluorene-d10	1.179	1.183	0.100	0.3361	50.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.104	0.010	3.211	50.0
Anthracene-d10	0.856	0.891	0.300	4.0866	50.0
Pyrene-d10	1.070	1.211	0.300	13.1124	50.0
Benzo(a)pyrene-d12	0.955	0.972	0.010	1.8116	50.0

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.: BN060624 SAS No.: BN060624 SDG No.: BN060624

Instrument ID: BNA_N Calibration Date/Time: 6/7/2024 12:05:05

Lab File ID: BN031839.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020278 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	0.496	0.010	-4.0564	50.0
Benzaldehyde	0.804	0.767	0.010	-4.5741	50.0
Pyridine	1.361	1.339	0.010	-1.5717	50.0
Phenol	1.745	1.805	0.080	3.4279	50.0
Bis(2-Chloroethyl) ether	1.443	1.422	0.100	-1.4211	50.0
2-Chlorophenol	1.369	1.427	0.200	4.2057	50.0
2-Methylphenol	1.348	1.359	0.010	0.8683	50.0
2,2-oxybis(1-Chloropropane)	1.661	1.549	0.010	-6.712	50.0
Acetophenone	2.118	2.109	0.060	-0.4291	50.0
4-Methylphenol	1.461	1.446	0.010	-1.0444	50.0
N-Nitroso-di-n-propylamine	1.098	1.015	0.050	-7.5671	50.0
Hexachloroethane	0.580	0.574	0.100	-0.9209	50.0
Nitrobenzene	0.364	0.374	0.050	2.5686	50.0
Isophorone	0.747	0.691	0.050	-7.5146	50.0
2-Nitrophenol	0.173	0.189	0.050	9.3524	50.0
2,4-Dimethylphenol	0.336	0.327	0.050	-2.7146	50.0
Bis(2-Chloroethoxy) methane	0.466	0.438	0.050	-5.988	50.0
2,4-Dichlorophenol	0.291	0.303	0.060	4.1964	50.0
Naphthalene	1.035	1.044	0.200	0.8964	50.0
4-Chloroaniline	0.425	0.430	0.010	1.1551	50.0
Hexachlorobutadiene	0.175	0.178	0.040	2.0026	50.0
Caprolactam	0.114	0.112	0.010	-1.0512	50.0
4-Chloro-3-methylphenol	0.340	0.338	0.040	-0.7382	50.0
1-Methylnaphthalene	0.710	0.703	0.100	-1.0185	50.0
2-Methylnaphthalene	0.708	0.696	0.100	-1.6171	50.0
Hexachlorocyclopentadiene	0.305	0.247	0.010	-18.9469	50.0
2,4,6-Trichlorophenol	0.359	0.380	0.090	5.7584	50.0
2,4,5-Trichlorophenol	0.390	0.409	0.100	4.9454	50.0
1,1-Biphenyl	1.407	1.425	0.200	1.2725	50.0
2-Chloronaphthalene	1.102	1.121	0.300	1.7265	50.0
2-Nitroaniline	0.319	0.336	0.050	5.1169	50.0
Dimethylphthalate	1.425	1.351	0.300	-5.1655	50.0
2,6-Dinitrotoluene	0.283	0.294	0.080	3.6512	50.0
Acenaphthylene	1.811	1.872	0.400	3.3813	50.0
3-Nitroaniline	0.303	0.330	0.010	8.967	50.0
Acenaphthene	1.198	1.211	0.200	1.1207	50.0
2,4-Dinitrophenol	0.143	0.173	0.010	21.1026	50.0
4-Nitrophenol	0.207	0.235	0.010	13.4812	50.0
Dibenzofuran	1.628	1.647	0.300	1.1653	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060624 SAS No.: BN060624 SDG No.: BN060624

Instrument ID: BNA_N Calibration Date/Time: 6/7/2024 12:05:05

Lab File ID: BN031839.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020278 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	0.442	0.070	6.2489	50.0
Diethylphthalate	1.470	1.388	0.300	-5.6347	50.0
Fluorene	1.311	1.354	0.200	3.3208	50.0
4-Chlorophenyl-phenylether	0.635	0.635	0.100	-0.0038	50.0
4-Nitroaniline	0.288	0.333	0.010	15.631	50.0
4,6-Dinitro-2-methylphenol	0.107	0.105	0.010	-1.9378	50.0
N-Nitrosodiphenylamine	0.551	0.557	0.050	0.9795	50.0
1,2,4,5-Tetrachlorobenzene	0.529	0.565	0.100	6.9112	50.0
4-Bromophenyl-phenylether	0.194	0.192	0.070	-0.8443	50.0
Hexachlorobenzene	0.220	0.221	0.050	0.4555	50.0
Atrazine	0.174	0.164	0.010	-5.9568	50.0
Pentachlorophenol	0.141	0.140	0.010	-0.3224	50.0
Phenanthrene	1.019	1.039	0.200	1.9959	50.0
Pentachlorobenzene	0.251	0.261	0.050	4.009	50.0
Anthracene	1.032	1.063	0.200	2.9308	50.0
1,2,3,4-Tetrachlorobenzene	0.257	0.268	0.050	4.1536	50.0
Carbazole	0.880	0.982	0.050	11.552	50.0
Di-n-butylphthalate	1.211	1.172	0.500	-3.2146	50.0
Fluoranthene	1.279	1.762	0.400	37.7616	50.0
Pyrene	1.312	1.704	0.400	29.8747	50.0
Butylbenzylphthalate	0.620	0.802	0.100	29.4434	50.0
3,3-Dichlorobenzidine	0.384	0.347	0.010	-9.4145	50.0
Benzo (a) anthracene	1.339	1.374	0.300	2.6592	50.0
Chrysene	1.250	1.271	0.200	1.6776	50.0
Bis(2-ethylhexyl)phthalate	0.904	1.123	0.200	24.2451	50.0
Di-n-octyl phthalate	1.339	1.605	0.010	19.8718	50.0
Benzo (b) fluoranthene	1.195	1.181	0.200	-1.2044	50.0
Benzo (k) fluoranthene	1.173	1.166	0.200	-0.6007	50.0
Benzo (a) pyrene	1.120	1.111	0.200	-0.7317	50.0
Indeno (1,2,3-cd) pyrene	1.290	1.362	0.200	5.58	50.0
Dibenzo (a,h) anthracene	1.053	1.136	0.200	7.8343	50.0
Benzo (g,h,i) perylene	1.026	1.120	0.200	9.1796	50.0
2,3,4,6-Tetrachlorophenol	0.326	0.339	0.040	3.8996	50.0
1,4-Dioxane-d8	0.483	0.454	0.010	-5.9899	50.0
Pyridine-d5	1.361	1.358	0.010	-0.1943	50.0
Phenol-d5	1.715	1.783	0.010	4.0007	50.0
Bis- (2-Chloroethyl) ether-d8	1.003	0.972	0.050	-3.0526	50.0
2-Chlorophenol-d4	1.308	1.352	0.200	3.3714	50.0
4-Methylphenol-d8	1.398	1.389	0.010	-0.6409	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN060624 SAS No.: BN060624 SDG No.: BN060624

Instrument ID: BNA_N Calibration Date/Time: 6/7/2024 12:05:05

Lab File ID: BN031839.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020278 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.161	0.050	5.5609	50.0
2-Nitrophenol-d4	0.158	0.176	0.050	11.3748	50.0
2,4-Dichlorophenol-d3	0.295	0.307	0.060	4.0376	50.0
4-Chloroaniline-d4	0.438	0.435	0.010	-0.6729	50.0
Dimethylphthalate-d6	1.393	1.335	0.300	-4.1987	50.0
Acenaphthylene-d8	1.602	1.646	0.400	2.7671	50.0
4-Nitrophenol-d4	0.279	0.295	0.010	5.678	50.0
Fluorene-d10	1.179	1.184	0.100	0.4609	50.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.099	0.010	-1.6236	50.0
Anthracene-d10	0.856	0.887	0.300	3.5422	50.0
Pyrene-d10	1.070	1.393	0.300	30.2037	50.0
Benzo(a)pyrene-d12	0.955	0.951	0.010	-0.4133	50.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK173	SDG No.:	BN060624
Lab Sample ID:	PB161173BL	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
BN031814.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

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:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BN060624
Lab Sample ID:	PB161173BL	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
BN031814.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

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:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BN060624
Lab Sample ID:	PB161173BL	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
BN031814.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

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	6.984		15-120		87	SPK: -8
7291-22-7	Pyridine-d5	34.444		20-120		86	SPK: -40
4165-62-2	Phenol-d5	34.116		10-130		85	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.648		10-150		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.938		15-120		90	SPK: -40
190780-66-6	4-Methylphenol-d8	33.195		10-140		83	SPK: -40
4165-60-0	Nitrobenzene-d5	37.589		10-135		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.562		10-120		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.063		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.808		1-145		90	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.446		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	36.148		15-120		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.177		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	33.68		20-140		84	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:	SBLK173	SDG No.:	BN060624
Lab Sample ID:	PB161173BL	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
BN031814.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.764		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	38.226		10-150		96	SPK: -40
1718-52-1	Pyrene-d10	40.66		10-130		102	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.601		10-140		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	354125	7.669				
1146-65-2	Naphthalene-d8	1440050	10.451				
15067-26-2	Acenaphthene-d10	866688	14.316				
1517-22-2	Phenanthrene-d10	1612288	17.063				
1719-03-5	Chrysene-d12	1235508	21.298				
1520-96-3	Perylene-d12	1344191	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5S8DL2	SDG No.:	BN060624
Lab Sample ID:	P2591-05DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BN031815.D	30	5/30/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	450	U	450	250	2500	ug/Kg
100-52-7	Benzaldehyde	1800	U	1800	3100	12000	ug/Kg
110-86-1	Pyridine	450	U	450	6200	12000	ug/Kg
108-95-2	Phenol	1700	U	1700	3100	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	3100	12000	ug/Kg
95-57-8	2-Chlorophenol	820	U	820	1600	6400	ug/Kg
95-48-7	2-Methylphenol	1500	U	1500	3100	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100	U	1100	3100	12000	ug/Kg
98-86-2	Acetophenone	2200	U	2200	3100	12000	ug/Kg
106-44-5	4-Methylphenol	1500	U	1500	3100	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1400	U	1400	1600	6400	ug/Kg
67-72-1	Hexachloroethane	600	U	600	1600	6400	ug/Kg
98-95-3	Nitrobenzene	1000	U	1000	1600	6400	ug/Kg
78-59-1	Isophorone	1300	U	1300	1600	6400	ug/Kg
88-75-5	2-Nitrophenol	1100	U	1100	1600	6400	ug/Kg
105-67-9	2,4-Dimethylphenol	320	U	320	1600	6400	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1200	U	1200	1600	6400	ug/Kg
120-83-2	2,4-Dichlorophenol	1300	U	1300	1600	6400	ug/Kg
91-20-3	Naphthalene	3300	JD	1200	1600	6400	ug/Kg
106-47-8	4-Chloroaniline	1600	U	1600	1600	12000	ug/Kg
87-68-3	Hexachlorobutadiene	970	U	970	1600	6400	ug/Kg
105-60-2	Caprolactam	1500	U	1500	3100	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1600	6400	ug/Kg
90-12-0	1-Methylnaphthalene	1300	JD	710	1600	6400	ug/Kg
91-57-6	2-Methylnaphthalene	1700	JD	1400	1600	6400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	710	U	710	3100	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900	U	1900	1600	6400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800	U	1800	1600	6400	ug/Kg



Client:			Date Collected:	5/23/2024 12:00:00 AM		
Project:			Date Received:	5/23/2024 12:00:00 AM		
Client Sample ID:	BH5S8DL2		SDG No.:	BN060624		
Lab Sample ID:	P2591-05DL2		Matrix:	Solid		
Analytical Method:	SFAM_SVOC		% Moisture:	20		
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
BN031815.D	30	5/30/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700	U	1700	1600	6400	ug/Kg
91-58-7	2-Chloronaphthalene	1600	U	1600	1600	6400	ug/Kg
88-74-4	2-Nitroaniline	820	U	820	1600	6400	ug/Kg
131-11-3	Dimethylphthalate	1400	U	1400	1600	6400	ug/Kg
606-20-2	2,6-Dinitrotoluene	970	U	970	1600	6400	ug/Kg
208-96-8	Acenaphthylene	1700	U	1700	1600	6400	ug/Kg
99-09-2	3-Nitroaniline	520	U	520	3100	12000	ug/Kg
83-32-9	Acenaphthene	4500	JD	1900	1600	6400	ug/Kg
51-28-5	2,4-Dinitrophenol	1200	U	1200	3100	12000	ug/Kg
100-02-7	4-Nitrophenol	410	U	410	3100	12000	ug/Kg
132-64-9	Dibenzofuran	5300	JD	1500	1600	6400	ug/Kg
121-14-2	2,4-Dinitrotoluene	490	U	490	1600	6400	ug/Kg
84-66-2	Diethylphthalate	1500	U	1500	1600	6400	ug/Kg
86-73-7	Fluorene	5500	JD	2200	1600	6400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800	U	1800	1600	6400	ug/Kg
100-01-6	4-Nitroaniline	600	U	600	3100	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500	U	1500	3100	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1700	U	1700	1600	6400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700	U	1700	1600	6400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3700	U	3700	1600	6400	ug/Kg
118-74-1	Hexachlorobenzene	1900	U	1900	1600	6400	ug/Kg
1912-24-9	Atrazine	410	U	410	3100	12000	ug/Kg
87-86-5	Pentachlorophenol	1400	U	1400	3100	12000	ug/Kg
85-01-8	Phenanthrene	62000	D	2000	1600	6400	ug/Kg
608-93-5	Pentachlorobenzene	1300	U	1300	1600	6400	ug/Kg
120-12-7	Anthracene	14000	D	1800	1600	6400	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	210	U	210	1600	6400	ug/Kg
86-74-8	Carbazole	10000	JD	2300	3100	12000	ug/Kg
84-74-2	Di-n-butylphthalate	2100	U	2100	1600	6400	ug/Kg
206-44-0	Fluoranthene	88000	D	1700	3100	6400	ug/Kg



Client:			Date Collected:	5/23/2024 12:00:00 AM		
Project:			Date Received:	5/23/2024 12:00:00 AM		
Client Sample ID:	BH5S8DL2		SDG No.:	BN060624		
Lab Sample ID:	P2591-05DL2		Matrix:	Solid		
Analytical Method:	SFAM_SVOC		% Moisture:	20		
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
BN031815.D	30	5/30/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	60000	D	1700	1600	6400	ug/Kg
85-68-7	Butylbenzylphthalate	1600	U	1600	1600	6400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	930	U	930	3100	12000	ug/Kg
56-55-3	Benzo(a)anthracene	34000	D	1500	1600	6400	ug/Kg
218-01-9	Chrysene	31000	D	1700	1600	6400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600	U	1600	1600	6400	ug/Kg
117-84-0	Di-n-octyl phthalate	1600	U	1600	3100	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	35000	D	1800	1600	6400	ug/Kg
207-08-9	Benzo(k)fluoranthene	13000	D	2200	1600	6400	ug/Kg
50-32-8	Benzo(a)pyrene	15000	D	2100	1600	6400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	11000	D	1700	1600	6400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4900	JD	1900	1600	6400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700	U	1700	1600	6400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900	U	1900	1600	6400	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.79		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	12.96		20-120		32	SPK: -40
4165-62-2	Phenol-d5	33.48		10-130		84	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.69		10-150		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.8		15-120		87	SPK: -40
190780-66-6	4-Methylphenol-d8	32.64		10-140		82	SPK: -40
4165-60-0	Nitrobenzene-d5	32.58		10-135		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.81		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.86		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.2		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.34		10-145		96	SPK: -40
93951-97-4	Acenaphthylene-d8	37.32		15-120		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.86		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	40.5		20-140		101	SPK: -40

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5S8DL2	SDG No.:	BN060624
Lab Sample ID:	P2591-05DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BN031815.D	30	5/30/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	40.35		10-150		101	SPK: -40
1718-52-1	Pyrene-d10	45.54		10-130		114	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.06		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	465653	7.669				
1146-65-2	Naphthalene-d8	1955515	10.451				
15067-26-2	Acenaphthene-d10	1152675	14.316				
1517-22-2	Phenanthrene-d10	2393064	17.063				
1719-03-5	Chrysene-d12	1700287	21.304				
1520-96-3	Perylene-d12	1762373	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
007320-53-8	Dibenzofuran, 4-methyl-	2600	JD			15.804	
000486-25-9	9H-Fluoren-9-one	5700	JD			16.722	
000132-65-0	Dibenzothiophene	3700	JD			16.881	
002531-84-2	Phenanthrene, 2-methyl-	6900	JD			17.939	
000832-69-9	Phenanthrene, 1-methyl-	10000	JD			17.986	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	2500	JD			18.069	
000203-64-5	4H-Cyclopenta[def]phenanthrene	10000	JD			18.133	
000613-12-7	Anthracene, 2-methyl-	3100	JD			18.169	
000612-94-2	Naphthalene, 2-phenyl-	4700	JD			18.445	
000084-65-1	9,10-Anthracenedione	5500	JD			18.486	
000081-84-5	Naphthalic anhydride	3700	JD			18.869	
005737-13-3	Cyclopenta(def)phenanthrenone	5700	JD			19.004	
000243-17-4	11H-Benzo[b]fluorene	3200	JD			19.816	
002381-21-7	Pyrene, 1-methyl-	2900	JD			20.145	
000479-79-8	11H-Benzo[a]fluoren-11-one	4100	JD			20.739	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	3400	JD			20.904	
027208-37-3	Cyclopenta[cd]pyrene	3000	JD			20.992	

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	BH5S8DL2	SDG No.:	BN060624
Lab Sample ID:	P2591-05DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BN031815.D	30	5/30/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161200

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000082-05-3	7H-Benz[de]anthracen-7-one	4200	JD			21.051	
000192-97-2	Benzo[e]pyrene	3500	JD			23.545	
000198-55-0	Perylene	7000	JD			23.962	
E966796	Total Alkanes	1700	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:	BHBY1	SDG No.:	BN060624
Lab Sample ID:	P2634-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
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
BN031816.D	1	5/29/2024 12:00:00 AM	6/6/2024 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	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	51	U	51	94	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	94	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.4	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	94	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	94	380	ug/Kg
98-86-2	Acetophenone	67	U	67	94	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	94	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48.4	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.4	190	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.4	190	ug/Kg
78-59-1	Isophorone	41	U	41	48.4	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.7	U	9.7	48.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	48.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.4	190	ug/Kg
91-20-3	Naphthalene	38	U	38	48.4	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	48.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	48.4	190	ug/Kg
105-60-2	Caprolactam	46	U	46	94	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	94	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.4	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:	BHBY1	SDG No.:	BN060624
Lab Sample ID:	P2634-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
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
BN031816.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	48.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48.4	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.4	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	48.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.4	190	ug/Kg
208-96-8	Acenaphthylene	52	U	52	48.4	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	94	380	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	94	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	48.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.4	190	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.4	190	ug/Kg
86-73-7	Fluorene	66	U	66	48.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	48.4	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	94	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	94	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	48.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	48.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.4	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.4	190	ug/Kg
1912-24-9	Atrazine	13	U	13	94	380	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	94	380	ug/Kg
85-01-8	Phenanthrene	60	U	60	48.4	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.4	190	ug/Kg
120-12-7	Anthracene	54	U	54	48.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.4	190	ug/Kg
86-74-8	Carbazole	69	U	69	94	380	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.4	190	ug/Kg
206-44-0	Fluoranthene	98	J	51	94	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:	BHBY1	SDG No.:	BN060624
Lab Sample ID:	P2634-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
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
BN031816.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	93	J	52	48.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	94	380	ug/Kg
56-55-3	Benzo(a)anthracene	53	J	44	48.4	190	ug/Kg
218-01-9	Chrysene	65	J	52	48.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	48.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	94	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	76	J	55	48.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	66	U	66	48.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	65	U	65	48.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	51	48.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	48.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	48.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	48.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.674		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	19.031		20-120		48	SPK: -40
4165-62-2	Phenol-d5	24.414		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.069		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.751		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	21.693		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	26.714		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.747		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.027		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.865		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.535		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	26.706		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.588		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	26.137		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:	BHBY1	SDG No.:	BN060624
Lab Sample ID:	P2634-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
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
BN031816.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.383		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	25.649		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	27.292		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.431		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	332384	7.669				
1146-65-2	Naphthalene-d8	1392002	10.452				
15067-26-2	Acenaphthene-d10	851555	14.316				
1517-22-2	Phenanthrene-d10	1711688	17.063				
1719-03-5	Chrysene-d12	1637792	21.298				
1520-96-3	Perylene-d12	1568935	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	200	J			17.969	
	(DEL) Alkane: Cyclic	130	J			20.986	
000112-84-5	13-Docosenamide, (Z)-	210	J			22.663	
E966796	Total Alkanes	130				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:	BHBY4	SDG No.:	BN060624
Lab Sample ID:	P2634-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BN031817.D	1	5/29/2024 12:00:00 AM	6/6/2024 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	94.3	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	51	U	51	94.3	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	94.3	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.6	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.3	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	94.3	380	ug/Kg
98-86-2	Acetophenone	67	U	67	94.3	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	94.3	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48.6	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.6	190	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.6	190	ug/Kg
78-59-1	Isophorone	41	U	41	48.6	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.7	U	9.7	48.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	48.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.6	190	ug/Kg
91-20-3	Naphthalene	38	U	38	48.6	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	48.6	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	48.6	190	ug/Kg
105-60-2	Caprolactam	46	U	46	94.3	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	94.3	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.6	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:	BHBY4	SDG No.:	BN060624
Lab Sample ID:	P2634-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BN031817.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	48.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48.6	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.6	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	48.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.6	190	ug/Kg
208-96-8	Acenaphthylene	53	U	53	48.6	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	94.3	380	ug/Kg
83-32-9	Acenaphthene	58	J	57	48.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	94.3	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94.3	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	48.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.6	190	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.6	190	ug/Kg
86-73-7	Fluorene	66	U	66	48.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	48.6	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	94.3	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	94.3	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	48.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	48.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.6	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.6	190	ug/Kg
1912-24-9	Atrazine	13	U	13	94.3	380	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	94.3	380	ug/Kg
85-01-8	Phenanthrene	610		61	48.6	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.6	190	ug/Kg
120-12-7	Anthracene	110	J	54	48.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.6	190	ug/Kg
86-74-8	Carbazole	70	U	70	94.3	380	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.6	190	ug/Kg
206-44-0	Fluoranthene	1200		51	94.3	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:	BHBY4	SDG No.:	BN060624
Lab Sample ID:	P2634-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BN031817.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		53	48.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	94.3	380	ug/Kg
56-55-3	Benzo(a)anthracene	460		45	48.6	190	ug/Kg
218-01-9	Chrysene	530		53	48.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	48.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	94.3	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	660		55	48.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	270		66	48.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	500		65	48.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	310		51	48.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85	J	59	48.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	380		53	48.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	48.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.814		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	25.815		20-120		65	SPK: -40
4165-62-2	Phenol-d5	29.605		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.171		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.478		15-120		79	SPK: -40
190780-66-6	4-Methylphenol-d8	27.655		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	32.136		10-135		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.544		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.157		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.325		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.286		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	31.887		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.297		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	31.687		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:	BHBY4	SDG No.:	BN060624
Lab Sample ID:	P2634-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.5
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
BN031817.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.314		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	32.253		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	34.461		10-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.138		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	314480	7.669				
1146-65-2	Naphthalene-d8	1321233	10.457				
15067-26-2	Acenaphthene-d10	806292	14.316				
1517-22-2	Phenanthrene-d10	1644039	17.063				
1719-03-5	Chrysene-d12	1444021	21.298				
1520-96-3	Perylene-d12	1226279	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	78	J			3.446	
000770-35-4	1-Phenoxypropan-2-ol	83	J			11.199	
002531-84-2	Phenanthrene, 2-methyl-	79	J			17.939	
000057-10-3	n-Hexadecanoic acid	340	J			17.969	
000203-64-5	4H-Cyclopenta[def]phenanthrene	180	J			18.134	
000084-65-1	9,10-Anthracenedione	84	J			18.486	
003674-66-6	Phenanthrene, 2,5-dimethyl-	82	J			18.863	
005737-13-3	Cyclopenta(def)phenanthrenone	81	J			19.004	
000238-84-6	11H-Benzo[a]fluorene	77	J			19.986	
1000406-04-8	Pentadecafluorooctanoic acid, octa	160	J			20.986	
000112-84-5	13-Docosenamide, (Z)-	100	J			22.663	
000192-97-2	Benzo[e]pyrene	320	J			23.963	
E966796	Total Alkanes	53	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:	BHBY5	SDG No.:	BN060624
Lab Sample ID:	P2634-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
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
BN031818.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

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	92.8	370	ug/Kg
110-86-1	Pyridine	13	U	13	190	370	ug/Kg
108-95-2	Phenol	51	U	51	92.8	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	92.8	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	47.8	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.8	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	92.8	370	ug/Kg
98-86-2	Acetophenone	66	U	66	92.8	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	92.8	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	47.8	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	47.8	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	47.8	190	ug/Kg
78-59-1	Isophorone	40	U	40	47.8	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	47.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.6	U	9.6	47.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	47.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	47.8	190	ug/Kg
91-20-3	Naphthalene	37	U	37	47.8	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	47.8	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	47.8	190	ug/Kg
105-60-2	Caprolactam	45	U	45	92.8	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40	U	40	47.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	47.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	47.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	92.8	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	47.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	47.8	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:	BHBY5	SDG No.:	BN060624
Lab Sample ID:	P2634-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
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
BN031818.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	47.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	47.8	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.8	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	47.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	47.8	190	ug/Kg
208-96-8	Acenaphthylene	52	U	52	47.8	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	92.8	370	ug/Kg
83-32-9	Acenaphthene	56	U	56	47.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	92.8	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	92.8	370	ug/Kg
132-64-9	Dibenzofuran	45	U	45	47.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	47.8	190	ug/Kg
84-66-2	Diethylphthalate	46	U	46	47.8	190	ug/Kg
86-73-7	Fluorene	65	U	65	47.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	47.8	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	92.8	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	92.8	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	47.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	47.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	47.8	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.8	190	ug/Kg
1912-24-9	Atrazine	12	U	12	92.8	370	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	92.8	370	ug/Kg
85-01-8	Phenanthrene	280		60	47.8	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	47.8	190	ug/Kg
120-12-7	Anthracene	53	U	53	47.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.3	U	6.3	47.8	190	ug/Kg
86-74-8	Carbazole	69	U	69	92.8	370	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	47.8	190	ug/Kg
206-44-0	Fluoranthene	510		51	92.8	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:	BHBY5	SDG No.:	BN060624
Lab Sample ID:	P2634-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
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
BN031818.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	450		52	47.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	47.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	92.8	370	ug/Kg
56-55-3	Benzo(a)anthracene	200		44	47.8	190	ug/Kg
218-01-9	Chrysene	220		52	47.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	47.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	92.8	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	280		54	47.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	65	47.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	210		64	47.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	51	47.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	47.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	52	47.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	47.8	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.348		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	14.954		20-120		37	SPK: -40
4165-62-2	Phenol-d5	17.67		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.237		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.654		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	16.426		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	19.543		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.858		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.929		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.619		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.186		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	21.067		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.295		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	20.674		20-140		52	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:	BHBY5	SDG No.:	BN060624
Lab Sample ID:	P2634-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
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
BN031818.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.836		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	19.794		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	22.132		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.352		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	372586	7.669				
1146-65-2	Naphthalene-d8	1529177	10.451				
15067-26-2	Acenaphthene-d10	927901	14.316				
1517-22-2	Phenanthrene-d10	1904122	17.063				
1719-03-5	Chrysene-d12	1723399	21.298				
1520-96-3	Perylene-d12	1501282	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	150	J			17.969	
	(DEL) Alkane: Cyclic	99	J			20.986	
000112-84-5	13-Docosenamide, (Z)-	150	J			22.668	
000192-97-2	Benzo[e]pyrene	83	J			23.962	
E966796	Total Alkanes	99				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:	BHBY0	SDG No.:	BN060624
Lab Sample ID:	P2634-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12
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
BN031819.D	1	5/29/2024 12:00:00 AM	6/6/2024 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	54	U	54	93.4	370	ug/Kg
110-86-1	Pyridine	14	U	14	190	370	ug/Kg
108-95-2	Phenol	51	U	51	93.4	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	93.4	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.1	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	93.4	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	93.4	370	ug/Kg
98-86-2	Acetophenone	67	U	67	93.4	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	93.4	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48.1	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.1	190	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.1	190	ug/Kg
78-59-1	Isophorone	41	U	41	48.1	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.6	U	9.6	48.1	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	48.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.1	190	ug/Kg
91-20-3	Naphthalene	37	U	37	48.1	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	48.1	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	48.1	190	ug/Kg
105-60-2	Caprolactam	45	U	45	93.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.1	190	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	93.4	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	48.1	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:	BHBY0	SDG No.:	BN060624
Lab Sample ID:	P2634-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12
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
BN031819.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	48.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48.1	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.1	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	48.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	48.1	190	ug/Kg
208-96-8	Acenaphthylene	52	U	52	48.1	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	93.4	370	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	93.4	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	93.4	370	ug/Kg
132-64-9	Dibenzofuran	45	U	45	48.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.1	190	ug/Kg
84-66-2	Diethylphthalate	46	U	46	48.1	190	ug/Kg
86-73-7	Fluorene	66	U	66	48.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	48.1	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	93.4	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	93.4	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	48.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	48.1	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.1	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.1	190	ug/Kg
1912-24-9	Atrazine	12	U	12	93.4	370	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	93.4	370	ug/Kg
85-01-8	Phenanthrene	310		60	48.1	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.1	190	ug/Kg
120-12-7	Anthracene	54	J	53	48.1	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.3	U	6.3	48.1	190	ug/Kg
86-74-8	Carbazole	69	U	69	93.4	370	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.1	190	ug/Kg
206-44-0	Fluoranthene	720		51	93.4	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:	BHBY0	SDG No.:	BN060624
Lab Sample ID:	P2634-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12
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
BN031819.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	580		52	48.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	93.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	320		44	48.1	190	ug/Kg
218-01-9	Chrysene	390		52	48.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	720		49	48.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	93.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	460		54	48.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	66	48.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	210		65	48.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	51	48.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66	J	59	48.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	48.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	48.1	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.206		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	6.347	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	28.553		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.59		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.798		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	24.317		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	29.986		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.43		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.736		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.06		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.022		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	30.605		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.373		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	31.862		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:	BHBY0	SDG No.:	BN060624
Lab Sample ID:	P2634-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12
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
BN031819.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.071		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	32.676		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	35.702		10-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.295		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	355639	7.669				
1146-65-2	Naphthalene-d8	1498225	10.451				
15067-26-2	Acenaphthene-d10	896846	14.316				
1517-22-2	Phenanthrene-d10	1845898	17.063				
1719-03-5	Chrysene-d12	1478970	21.298				
1520-96-3	Perylene-d12	1343700	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	100	J			11.198	
002531-84-2	Phenanthrene, 2-methyl-	93	J			17.939	
000057-10-3	n-Hexadecanoic acid	390	J			17.969	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	130	J			18.128	
000612-94-2	Naphthalene, 2-phenyl-	76	J			18.445	
003674-66-6	Phenanthrene, 2,5-dimethyl-	96	J			18.863	
005737-13-3	Cyclopenta(def)phenanthrenone	84	J			19.004	
000057-11-4	Octadecanoic acid	76	J			19.251	
002381-21-7	Pyrene, 1-methyl-	79	J			19.816	
1000406-04-8	Pentadecafluorooctanoic acid, octa	220	J			20.986	
000112-84-5	13-Docosenamide, (Z)-	120	J			22.669	
E966796	Total Alkanes	52	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:	BHBX0	SDG No.:	BN060624
Lab Sample ID:	P2634-06	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
BN031820.D	1	5/29/2024 12:00:00 AM	6/6/2024 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:	BHBX0	SDG No.:	BN060624
Lab Sample ID:	P2634-06	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
BN031820.D	1	5/29/2024 12:00:00 AM	6/6/2024 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	53	U	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	200		61	48.5	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.5	190	ug/Kg
120-12-7	Anthracene	54	U	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	490		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:	BHBX0	SDG No.:	BN060624
Lab Sample ID:	P2634-06	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
BN031820.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	460		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	200		45	48.5	190	ug/Kg
218-01-9	Chrysene	240		53	48.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	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	290		55	48.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	95	J	66	48.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	200		65	48.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	51	48.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	48.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	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	4.745		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	22.012		20-120		55	SPK: -40
4165-62-2	Phenol-d5	27.324		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.67		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.89		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	26.61		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	28.222		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.047		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.828		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.464		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.087		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	27.628		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.579		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	26.804		20-140		67	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:	BHBX0	SDG No.:	BN060624
Lab Sample ID:	P2634-06	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
BN031820.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.412		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	27.626		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	33.396		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.441		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	406119	7.669				
1146-65-2	Naphthalene-d8	1689111	10.452				
15067-26-2	Acenaphthene-d10	1031762	14.316				
1517-22-2	Phenanthrene-d10	2055335	17.063				
1719-03-5	Chrysene-d12	1580085	21.298				
1520-96-3	Perylene-d12	1435974	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	100	J			3.446	
000080-56-8	.alpha.-Pinene	340	J			6.358	
000079-92-5	Camphene	130	J			6.663	
000127-91-3	.beta.-Pinene	580	J			7.105	
003338-55-4	1,3,6-Octatriene, 3,7-dimethyl-, (	77	J			7.563	
005989-27-5	D-Limonene	81	J			7.887	
000770-35-4	1-Phenoxypropan-2-ol	92	J			11.199	
005353-15-1	.gamma.-Asarone	98	J			14.869	
000057-10-3	n-Hexadecanoic acid	180	J			17.969	
000203-64-5	4H-Cyclopenta[def]phenanthrene	79	J			18.128	
	(DEL) Alkane: Cyclic20.986	150	J			20.986	
099340-07-5	Kadsurin A	440	J			21.992	
	unknown-01	94	J			22.051	
057625-31-7	Piperenone	460	J			22.157	
	unknown-02	250	J			22.292	
051020-87-2	Licarin B	92	J			22.339	
006544-71-4	Dehydrodiisoeugenol, methyl ether	340	J			22.451	

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:	BHBX0	SDG No.:	BN060624
Lab Sample ID:	P2634-06	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
BN031820.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
005273-85-8	Benzene, 1,2,3-trimethoxy-5-(1-pro	250	J			22.61	
000112-84-5	13-Docosenamide, (Z)-	130	J			22.669	
107919-92-6	Indole, 5-methyl-2-(4-pyridyl)-	230	J			22.839	
	unknown-03	120	J			23.057	
	unknown-04	1900	J			23.145	
E966796	Total Alkanes	150				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:	BHBX1	SDG No.:	BN060624
Lab Sample ID:	P2634-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.8
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
BN031821.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.2	73	ug/Kg
100-52-7	Benzaldehyde	52	U	52	90.2	360	ug/Kg
110-86-1	Pyridine	13	U	13	180	360	ug/Kg
108-95-2	Phenol	49	U	49	90.2	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	90.2	360	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	46.4	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.2	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	90.2	360	ug/Kg
98-86-2	Acetophenone	64	U	64	90.2	360	ug/Kg
106-44-5	4-Methylphenol	45	U	45	90.2	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	40	U	40	46.4	190	ug/Kg
67-72-1	Hexachloroethane	17	U	17	46.4	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	46.4	190	ug/Kg
78-59-1	Isophorone	39	U	39	46.4	190	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	46.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.3	U	9.3	46.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	34	U	34	46.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	37	U	37	46.4	190	ug/Kg
91-20-3	Naphthalene	36	U	36	46.4	190	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	46.4	360	ug/Kg
87-68-3	Hexachlorobutadiene	28	U	28	46.4	190	ug/Kg
105-60-2	Caprolactam	44	U	44	90.2	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	39	U	39	46.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	46.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	46.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	90.2	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	46.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	46.4	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:	BHBX1	SDG No.:	BN060624
Lab Sample ID:	P2634-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.8
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
BN031821.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	50	U	50	46.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	46.4	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	46.4	190	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	46.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	46.4	190	ug/Kg
208-96-8	Acenaphthylene	50	U	50	46.4	190	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	90.2	360	ug/Kg
83-32-9	Acenaphthene	55	U	55	46.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	35	U	35	90.2	360	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	90.2	360	ug/Kg
132-64-9	Dibenzofuran	44	U	44	46.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	46.4	190	ug/Kg
84-66-2	Diethylphthalate	45	U	45	46.4	190	ug/Kg
86-73-7	Fluorene	63	U	63	46.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52	U	52	46.4	190	ug/Kg
100-01-6	4-Nitroaniline	17	U	17	90.2	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	90.2	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	46.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	49	46.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	46.4	190	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	46.4	190	ug/Kg
1912-24-9	Atrazine	12	U	12	90.2	360	ug/Kg
87-86-5	Pentachlorophenol	42	U	42	90.2	360	ug/Kg
85-01-8	Phenanthrene	58	U	58	46.4	190	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	46.4	190	ug/Kg
120-12-7	Anthracene	51	U	51	46.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.1	U	6.1	46.4	190	ug/Kg
86-74-8	Carbazole	67	U	67	90.2	360	ug/Kg
84-74-2	Di-n-butylphthalate	62	U	62	46.4	190	ug/Kg
206-44-0	Fluoranthene	100	J	49	90.2	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:	BHBX1	SDG No.:	BN060624
Lab Sample ID:	P2634-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.8
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
BN031821.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	100	J	50	46.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	47	U	47	46.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	90.2	360	ug/Kg
56-55-3	Benzo(a)anthracene	43	U	43	46.4	190	ug/Kg
218-01-9	Chrysene	52	J	50	46.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	47	U	47	46.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	47	U	47	90.2	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	66	J	52	46.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	63	U	63	46.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	62	U	62	46.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49	U	49	46.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	U	57	46.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	U	50	46.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	46.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.902		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	22.828		20-120		57	SPK: -40
4165-62-2	Phenol-d5	27.776		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.998		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.989		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	27.039		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	28.395		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.343		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.279		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.822		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.972		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	29.029		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.683		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	28.138		20-140		70	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:	BHBX1	SDG No.:	BN060624
Lab Sample ID:	P2634-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.8
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
BN031821.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.155		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	28.582		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	33.379		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.41		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	372530	7.669				
1146-65-2	Naphthalene-d8	1573802	10.452				
15067-26-2	Acenaphthene-d10	957652	14.316				
1517-22-2	Phenanthrene-d10	1938424	17.063				
1719-03-5	Chrysene-d12	1638326	21.298				
1520-96-3	Perylene-d12	1424287	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	91	J			3.446	
000127-91-3	.beta.-Pinene	86	J			7.105	
000770-35-4	1-Phenoxypropan-2-ol	83	J			11.199	
000057-10-3	n-Hexadecanoic acid	150	J			17.963	
088104-31-8	2- Chloropropionic acid, octadecyl	140	J			20.986	
099340-07-5	Kadsurin A	120	J			21.986	
057625-31-7	Piperenone	94	J			22.151	
000112-84-5	13-Docosenamide, (Z)-	120	J			22.663	
	unknown-01	400	J			23.139	
E966796	Total Alkanes	50	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:	BHBX6	SDG No.:	BN060624
Lab Sample ID:	P2634-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.9
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
BN031822.D	1	5/29/2024 12:00:00 AM	6/6/2024 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	7.6	77	ug/Kg
100-52-7	Benzaldehyde	56	U	56	95.5	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	95.5	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	95.5	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	49.2	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.5	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	95.5	380	ug/Kg
98-86-2	Acetophenone	68	U	68	95.5	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	95.5	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.2	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	49.2	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	49.2	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.2	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.8	U	9.8	49.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	49.2	200	ug/Kg
91-20-3	Naphthalene	38	U	38	49.2	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49.2	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.2	200	ug/Kg
105-60-2	Caprolactam	46	U	46	95.5	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	95.5	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.2	200	ug/Kg



Client:				Date Collected:	5/24/2024 12:00:00 AM	
Project:				Date Received:	5/24/2024 12:00:00 AM	
Client Sample ID:	BHBX6			SDG No.:	BN060624	
Lab Sample ID:	P2634-12			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	13.9	
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
BN031822.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	49.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49.2	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	49.2	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.2	200	ug/Kg
208-96-8	Acenaphthylene	53	U	53	49.2	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	95.5	380	ug/Kg
83-32-9	Acenaphthene	58	U	58	49.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	95.5	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	95.5	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	49.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.2	200	ug/Kg
84-66-2	Diethylphthalate	47	U	47	49.2	200	ug/Kg
86-73-7	Fluorene	67	U	67	49.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	49.2	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	95.5	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	95.5	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	49.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	49.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	49.2	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.2	200	ug/Kg
1912-24-9	Atrazine	13	U	13	95.5	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	95.5	380	ug/Kg
85-01-8	Phenanthrene	160	J	61	49.2	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.2	200	ug/Kg
120-12-7	Anthracene	54	U	54	49.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5	U	6.5	49.2	200	ug/Kg
86-74-8	Carbazole	71	U	71	95.5	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	49.2	200	ug/Kg
206-44-0	Fluoranthene	450		52	95.5	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:	BHBX6	SDG No.:	BN060624
Lab Sample ID:	P2634-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.9
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
BN031822.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	410		53	49.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	95.5	380	ug/Kg
56-55-3	Benzo(a)anthracene	210		45	49.2	200	ug/Kg
218-01-9	Chrysene	240		53	49.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	49.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	95.5	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	290		56	49.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	67	49.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	200		66	49.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	52	49.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	49.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	J	53	49.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	49.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.013		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	7.074	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	22.016		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.249		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.636		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	19.277		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	23.319		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.889		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.9		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.127		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.318		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	23.891		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.632		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	23.686		20-140		59	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:	BHBX6	SDG No.:	BN060624
Lab Sample ID:	P2634-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.9
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
BN031822.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.371		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	23.573		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	28.258		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.493		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	387367	7.669				
1146-65-2	Naphthalene-d8	1619545	10.457				
15067-26-2	Acenaphthene-d10	972863	14.316				
1517-22-2	Phenanthrene-d10	1953336	17.062				
1719-03-5	Chrysene-d12	1589676	21.298				
1520-96-3	Perylene-d12	1392611	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	89	J			11.198	
000640-61-9	Benzenesulfonamide, N,4-dimethyl-	89	J			16.015	
000057-10-3	n-Hexadecanoic acid	130	J			17.962	
	(DEL) Alkane: Cyclic20.986	130	J			20.986	
000112-84-5	13-Docosenamide, (Z)-	230	J			22.668	
000192-97-2	Benzo[e]pyrene	95	J			23.962	
E966796	Total Alkanes	130				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.:	BN060624
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
BN031824.D	1	5/31/2024 12:00:00 AM	6/6/2024 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
110-86-1	Pyridine	12	U	12	170	330	ug/Kg
100-52-7	Benzaldehyde	48	U	48	82.5	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.:	BN060624
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
BN031824.D	1	5/31/2024 12:00:00 AM	6/6/2024 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.:	BN060624
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
BN031824.D	1	5/31/2024 12:00:00 AM	6/6/2024 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	4.515		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	22.561		20-120		56	SPK: -40
4165-62-2	Phenol-d5	23.182		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.408		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.904		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	22.584		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	22.271		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.478		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.725		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.739		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.252		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	20.629		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.585		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	20.55		20-140		51	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.:	BN060624
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
BN031824.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.629		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	21.708		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	24.003		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.461		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	425916	7.669				
1146-65-2	Naphthalene-d8	1957524	10.451				
15067-26-2	Acenaphthene-d10	1276184	14.316				
1517-22-2	Phenanthrene-d10	2635315	17.063				
1719-03-5	Chrysene-d12	2208166	21.298				
1520-96-3	Perylene-d12	1945004	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.:	BN060624
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
BN031825.D	1	5/29/2024 12:00:00 AM	6/6/2024 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.:	BN060624
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
BN031825.D	1	5/29/2024 12:00:00 AM	6/6/2024 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	120	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	610		63	50.3	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.3	200	ug/Kg
120-12-7	Anthracene	110	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	1600		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.:	BN060624
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
BN031825.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		54	50.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	54	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	640		46	50.3	200	ug/Kg
218-01-9	Chrysene	740		54	50.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	J	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	860		57	50.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	230		69	50.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	630		67	50.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410		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	510		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	5.223		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	22.429		20-120		56	SPK: -40
4165-62-2	Phenol-d5	27.675		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.713		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.935		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	25.945		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	29.882		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.448		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.836		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.155		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.858		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.974		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.759		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	28.55		20-140		71	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.:	BN060624
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
BN031825.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.946		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	28.918		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	37.965		10-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.493		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	446814	7.669				
1146-65-2	Naphthalene-d8	1841140	10.452				
15067-26-2	Acenaphthene-d10	1089477	14.316				
1517-22-2	Phenanthrene-d10	2203394	17.063				
1719-03-5	Chrysene-d12	1339885	21.298				
1520-96-3	Perylene-d12	1500988	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	240	J			3.446	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	95	J			7.275	
001119-40-0	Pentanedioic acid, dimethyl ester	79	J			9.393	
000770-35-4	1-Phenoxypropan-2-ol	170	J			11.199	
002531-84-2	Phenanthrene, 2-methyl-	160	J			17.939	
000057-10-3	n-Hexadecanoic acid	500	J			17.969	
000832-64-4	Phenanthrene, 4-methyl-	240	J			18.128	
000832-69-9	Phenanthrene, 1-methyl-	120	J			18.169	
000612-94-2	Naphthalene, 2-phenyl-	95	J			18.439	
000084-65-1	9,10-Anthracenedione	110	J			18.486	
000483-87-4	Phenanthrene, 1,7-dimethyl-	180	J			18.863	
001576-67-6	Phenanthrene, 3,6-dimethyl-	120	J			18.916	
005737-13-3	Cyclopenta(def)phenanthrenone	140	J			19.004	
000057-11-4	Octadecanoic acid	95	J			19.251	
002381-21-7	Pyrene, 1-methyl-	120	J			19.816	
000243-17-4	11H-Benzo[b]fluorene	96	J			19.986	
003353-12-6	Pyrene, 4-methyl-	92	J			20.145	

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.:	BN060624
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
BN031825.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000406-04-8	Pentadecafluorooctanoic acid, octa	160	J			20.986	
000192-97-2	Benzo[e]pyrene	410	J			23.968	
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:	BHBX4	SDG No.:	BN060624
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
BN031826.D	1	5/29/2024 12:00:00 AM	6/6/2024 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.:	BN060624
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
BN031826.D	1	5/29/2024 12:00:00 AM	6/6/2024 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	120	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	620		61	48.5	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.5	190	ug/Kg
120-12-7	Anthracene	120	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	1600		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.:	BN060624
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
BN031826.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		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	580		45	48.5	190	ug/Kg
218-01-9	Chrysene	710		53	48.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	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	840		55	48.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	260		66	48.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	620		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	490		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	6.501		15-120		81	SPK: -8
7291-22-7	Pyridine-d5	29.597		20-120		74	SPK: -40
4165-62-2	Phenol-d5	34.613		10-130		87	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.218		10-150		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.959		15-120		90	SPK: -40
190780-66-6	4-Methylphenol-d8	31.444		10-140		79	SPK: -40
4165-60-0	Nitrobenzene-d5	37.19		10-135		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.181		10-120		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.455		10-140		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.825		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.031		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	35.348		15-120		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.351		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	34.625		20-140		87	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.:	BN060624
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
BN031826.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.576		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	35.758		10-150		89	SPK: -40
1718-52-1	Pyrene-d10	45.366		10-130		113	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.411		10-140		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	377483	7.669				
1146-65-2	Naphthalene-d8	1553077	10.451				
15067-26-2	Acenaphthene-d10	927899	14.316				
1517-22-2	Phenanthrene-d10	1823629	17.063				
1719-03-5	Chrysene-d12	1133153	21.298				
1520-96-3	Perylene-d12	1270310	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	100	J			3.446	
001119-40-0	Pentanedioic acid, dimethyl ester	78	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	120	J			17.969	
000203-64-5	4H-Cyclopenta[def]phenanthrene	250	J			18.128	
000832-64-4	Phenanthrene, 4-methyl-	120	J			18.169	
000612-94-2	Naphthalene, 2-phenyl-	96	J			18.439	
000084-65-1	9,10-Anthracenedione	130	J			18.486	
003674-66-6	Phenanthrene, 2,5-dimethyl-	160	J			18.863	
001576-69-8	Phenanthrene, 2,7-dimethyl-	94	J			18.916	
005737-13-3	Cyclopenta(def)phenanthrenone	140	J			19.004	
002381-21-7	Pyrene, 1-methyl-	110	J			19.816	
000238-84-6	11H-Benzo[a]fluorene	95	J			19.986	
033543-31-6	Fluoranthene, 2-methyl-	89	J			20.145	
015594-90-8	1-Heneicosanol	170	J			20.986	
000112-84-5	13-Docosenamide, (Z)-	120	J			22.663	

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.:	BN060624
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
BN031826.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	380	J			23.968	
E966796	Total Alkanes	53	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:	BHBX5	SDG No.:	BN060624
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
BN031827.D	1	5/29/2024 12:00:00 AM	6/6/2024 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
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
100-52-7	Benzaldehyde	56	U	56	97.1	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	46	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.:	BN060624
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
BN031827.D	1	5/29/2024 12:00:00 AM	6/6/2024 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	220		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	48	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	2100		62	50	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	50	200	ug/Kg
120-12-7	Anthracene	300		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	340	J	72	97.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	50	200	ug/Kg
206-44-0	Fluoranthene	5000	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.:	BN060624
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
BN031827.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4300	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	1900		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	2500		56	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	830		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	1200		53	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	370		61	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		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	5.794		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	23.948		20-120		60	SPK: -40
4165-62-2	Phenol-d5	32.372		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.07		10-150		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.79		15-120		84	SPK: -40
190780-66-6	4-Methylphenol-d8	27.853		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	34.553		10-135		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.753		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.742		10-140		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.2		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.355		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	33.892		15-120		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.137		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	32.666		20-140		82	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.:	BN060624
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
BN031827.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.198		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	34.238		10-150		86	SPK: -40
1718-52-1	Pyrene-d10	44.669		10-130		112	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.888		10-140		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	396509	7.669				
1146-65-2	Naphthalene-d8	1652994	10.452				
15067-26-2	Acenaphthene-d10	1014642	14.316				
1517-22-2	Phenanthrene-d10	2063472	17.063				
1719-03-5	Chrysene-d12	1242167	21.304				
1520-96-3	Perylene-d12	1422275	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	150	J			3.446	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.199	
000486-25-9	9H-Fluoren-9-one	120	J			16.722	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	94	J			16.816	
000234-41-3	Naphtho[1,2-b]thiophene	120	J			16.881	
002531-84-2	Phenanthrene, 2-methyl-	320	J			17.939	
000613-12-7	Anthracene, 2-methyl-	650	J			17.986	
000610-48-0	Anthracene, 1-methyl-	93	J			18.069	
000203-64-5	4H-Cyclopenta[def]phenanthrene	540	J			18.134	
000779-02-2	Anthracene, 9-methyl-	190	J			18.169	
000612-94-2	Naphthalene, 2-phenyl-	270	J			18.445	
000084-65-1	9,10-Anthracenedione	380	J			18.486	
003674-69-9	Phenanthrene, 4,5-dimethyl-	93	J			18.692	
001576-67-6	Phenanthrene, 3,6-dimethyl-	84	J			18.739	
003674-66-6	Phenanthrene, 2,5-dimethyl-	250	J			18.863	
	unknown-01	160	J			18.922	
005737-13-3	Cyclopenta(def)phenanthrenone	270	J			19.004	

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.:	BN060624
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
BN031827.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002381-21-7	Pyrene, 1-methyl-	140	J			19.822	
000238-84-6	11H-Benzo[a]fluorene	130	J			19.986	
033543-31-6	Fluoranthene, 2-methyl-	120	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	130	J			20.91	
000195-19-7	Benzo[c]phenanthrene	96	J			20.951	
1000115-87-3	Benzene, [4-(3-ethynylphenyl)-1,3-	210	J			20.992	
000082-05-3	7H-Benz[de]anthracen-7-one	140	J			21.051	
002541-69-7	Benz[a]anthracene, 7-methyl-	82	J			22.045	
000112-84-5	13-Docosenamide, (Z)-	89	J			22.669	
000192-97-2	Benzo[e]pyrene	300	J			23.545	
000198-55-0	Perylene	1200	J			23.974	
000205-82-3	Benzo[j]fluoranthene	590	J			24.31	
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.:	BN060624
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
BN031828.D	1	5/29/2024 12:00:00 AM	6/6/2024 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	44	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.:	BN060624
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
BN031828.D	1	5/29/2024 12:00:00 AM	6/6/2024 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	80	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	670		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	1400		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.:	BN060624
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
BN031828.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		53	49.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	74	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	620		45	49.4	200	ug/Kg
218-01-9	Chrysene	820		53	49.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	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	960		56	49.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	270		67	49.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	440		66	49.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	370		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	71	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	4.717		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	7.862		20-120		20	SPK: -40
4165-62-2	Phenol-d5	27.074		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.617		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.065		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	23.034		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	29.008		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.916		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.432		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.827		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.727		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	30.526		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.973		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	29.679		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.:	BN060624
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 : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031828.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.193		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	31.579		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	32.854		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.269		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	451972	7.669				
1146-65-2	Naphthalene-d8	1885955	10.457				
15067-26-2	Acenaphthene-d10	1109960	14.316				
1517-22-2	Phenanthrene-d10	1838806	17.063				
1719-03-5	Chrysene-d12	1273119	21.298				
1520-96-3	Perylene-d12	1544007	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	130	J			3.693	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.199	
	(DEL) Alkane: Straight-Chain16.040	110	J			16.04	
001633-22-3	[2.2]Paracyclophane	170	J			16.669	
000486-25-9	9H-Fluoren-9-one	97	J			16.722	
1000383-55-1	2-Methyldibenzothiophene	90	J			17.645	
002531-84-2	Phenanthrene, 2-methyl-	200	J			17.939	
000613-12-7	Anthracene, 2-methyl-	580	J			17.975	
000203-64-5	4H-Cyclopenta[def]phenanthrene	220	J			18.128	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	110	J			18.169	
000612-94-2	Naphthalene, 2-phenyl-	130	J			18.445	
000084-65-1	9,10-Anthracenedione	140	J			18.486	
001576-67-6	Phenanthrene, 3,6-dimethyl-	92	J			18.739	
003674-66-6	Phenanthrene, 2,5-dimethyl-	170	J			18.863	
002789-88-0	di-p-Tolylacetylene	90	J			18.91	
005737-13-3	Cyclopenta(def)phenanthrenone	130	J			19.004	
002381-21-7	Pyrene, 1-methyl-	110	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.:	BN060624
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
BN031828.D	1	5/29/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000243-17-4	11H-Benzo[b]fluorene	80	J			19.986	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			20.739	
028336-57-4	Cyclohexane, 1,3,5-triphenyl-	440	J			20.969	
004757-69-1	1H-Indole, 2-methyl-3-phenyl-	200	J			21.504	
1000120-80-7	Methadone N-oxide	290	J			21.569	
	unknown-02	91	J			21.622	
131758-71-9	(2,3-Diphenylcyclopropyl)methyl ph	120	J			21.657	
001705-84-6	Triphenylene, 2-methyl-	100	J			22.045	
000112-84-5	13-Docosenamide, (Z)-	160	J			22.669	
E966796	Total Alkanes	110				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.:	BN060624
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
BN031829.D	1	5/31/2024 12:00:00 AM	6/6/2024 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
110-86-1	Pyridine	14	U	14	200	400	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99.6	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	23	U	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.:	BN060624
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
BN031829.D	1	5/31/2024 12:00:00 AM	6/6/2024 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	330		64	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	51.3	210	ug/Kg
120-12-7	Anthracene	61	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	420		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.:	BN060624
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
BN031829.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	320		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	200	J	47	51.3	210	ug/Kg
218-01-9	Chrysene	230		56	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	67	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	230		58	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	93	J	70	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	69	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	80	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							
7291-22-7	Pyridine-d5	8.463		20-120		21	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.705		15-120		46	SPK: -8
4165-62-2	Phenol-d5	19.735		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.836		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.546		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	16.467		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	22.635		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.811		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.315		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.043		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.586		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	21.619		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.352		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	20.296		20-140		51	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.:	BN060624
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
BN031829.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.446		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	23.297		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	21.52		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.178		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	482049	7.669				
1146-65-2	Naphthalene-d8	1915608	10.451				
15067-26-2	Acenaphthene-d10	1050397	14.316				
1517-22-2	Phenanthrene-d10	1821151	17.063				
1719-03-5	Chrysene-d12	1491025	21.298				
1520-96-3	Perylene-d12	1892881	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	150	J			3.452	
000770-35-4	1-Phenoxypropan-2-ol	140	J			11.198	
000832-69-9	Phenanthrene, 1-methyl-	99	J			18.128	
	(DEL) Alkane: Cyclic20.986	130	J			20.986	
E966796	Total Alkanes	130				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.:	BN060624
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
BN031830.D	1	5/31/2024 12:00:00 AM	6/6/2024 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	41	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.:	BN060624
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
BN031830.D	1	5/31/2024 12:00:00 AM	6/6/2024 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	130	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	230		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.:	BN060624
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
BN031830.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	210		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	110	J	52	48	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	350		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	85	J	64	48	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57	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	71	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	4.692		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	22.014		20-120		55	SPK: -40
4165-62-2	Phenol-d5	26.842		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.235		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.622		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	24.647		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	28.481		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.209		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.946		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.058		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.995		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	29.024		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.954		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	27.672		20-140		69	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.:	BN060624
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
BN031830.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.858		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	28.57		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	36.318		10-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.544		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	399146	7.669				
1146-65-2	Naphthalene-d8	1642806	10.457				
15067-26-2	Acenaphthene-d10	975730	14.316				
1517-22-2	Phenanthrene-d10	1958786	17.063				
1719-03-5	Chrysene-d12	1227899	21.298				
1520-96-3	Perylene-d12	1356636	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	82	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			17.969	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	89	J			18.922	
	(DEL) Alkane: Straight-Chain20.986	190	J			20.986	
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:	BHBT3	SDG No.:	BN060624
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
BN031831.D	1	5/31/2024 12:00:00 AM	6/6/2024 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	46	J	21	47.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	44	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.:	BN060624
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
BN031831.D	1	5/31/2024 12:00:00 AM	6/6/2024 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	460		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	950		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.:	BN060624
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
BN031831.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	710		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	350		44	47.6	190	ug/Kg
218-01-9	Chrysene	420		52	47.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	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	490		54	47.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	65	47.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	220		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	75	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	3.701		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	6.573	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	23.612		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.827		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.514		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	21.202		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	24.488		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.762		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.782		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.486		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.8		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	24.615		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.117		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	25.139		20-140		63	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.:	BN060624
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
BN031831.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.319		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	25.743		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	29.075		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.338		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	372720	7.669				
1146-65-2	Naphthalene-d8	1550566	10.451				
15067-26-2	Acenaphthene-d10	960297	14.316				
1517-22-2	Phenanthrene-d10	1863344	17.063				
1719-03-5	Chrysene-d12	1131873	21.298				
1520-96-3	Perylene-d12	1280732	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain16.051	96	J			16.051	
002531-84-2	Phenanthrene, 2-methyl-	81	J			17.939	
000057-10-3	n-Hexadecanoic acid	410	J			17.969	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	160	J			18.128	
000613-12-7	Anthracene, 2-methyl-	81	J			18.169	
000084-65-1	9,10-Anthracenedione	80	J			18.486	
003674-66-6	Phenanthrene, 2,5-dimethyl-	120	J			18.863	
005737-13-3	Cyclopenta(def)phenanthrenone	89	J			19.004	
002381-21-7	Pyrene, 1-methyl-	120	J			19.816	
000122-69-0	Cinnamyl cinnamate	460	J			20.816	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	220	J			20.986	
019218-94-1	Tetradecane, 1-iodo-	130	J			22.051	
002004-39-9	1-Heptacosanol	200	J			23.463	
E966796	Total Alkanes	96				99	ug/Kg



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.:	BN060624	
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
BN031832.D	1	5/31/2024 12:00:00 AM	6/6/2024 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.:	BN060624
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
BN031832.D	1	5/31/2024 12:00:00 AM	6/6/2024 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	79	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.:	BN060624
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
BN031832.D	1	5/31/2024 12:00:00 AM	6/6/2024 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	67	J	43	47.1	190	ug/Kg
218-01-9	Chrysene	83	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	100	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	73	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	61	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	4.329		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	14.801		20-120		37	SPK: -40
4165-62-2	Phenol-d5	25.304		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.622		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.173		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	23.805		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	26.614		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.485		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.36		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.205		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.289		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	25.805		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.137		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	26.399		20-140		66	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.:	BN060624
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
BN031832.D	1	5/31/2024 12:00:00 AM	6/6/2024 12:00:00 AM	PB161227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.602		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	26.17		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	32.72		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.632		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	423221	7.669				
1146-65-2	Naphthalene-d8	1745861	10.451				
15067-26-2	Acenaphthene-d10	1065586	14.316				
1517-22-2	Phenanthrene-d10	2107628	17.063				
1719-03-5	Chrysene-d12	1287644	21.298				
1520-96-3	Perylene-d12	1433674	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000130-15-4	1,4-Naphthalenedione	75	J			13.563	
000057-10-3	n-Hexadecanoic acid	250	J			17.969	
	(DEL) Alkane: Straight-Chain	20.980	J			20.98	
E966796	Total Alkanes	250				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.:	BN060624
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
BN031833.D	1	5/29/2024 12:00:00 AM	6/7/2024 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.:	BN060624
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
BN031833.D	1	5/29/2024 12:00:00 AM	6/7/2024 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	64	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	74	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.:	BN060624
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
BN031833.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	810		54	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	150	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	400		46	50	200	ug/Kg
218-01-9	Chrysene	490		54	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	420		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	560		56	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	J	68	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	270		67	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220		53	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86	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	4.249		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	12.455		20-120		31	SPK: -40
4165-62-2	Phenol-d5	24.62		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.329		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.534		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	22.272		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	26.625		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.297		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.681		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.594		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.888		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.768		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.648		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	25.811		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.:	BN060624
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
BN031833.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.466		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	27.451		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	29.341		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.6		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	469076	7.669				
1146-65-2	Naphthalene-d8	1941932	10.452				
15067-26-2	Acenaphthene-d10	1141279	14.316				
1517-22-2	Phenanthrene-d10	2121917	17.063				
1719-03-5	Chrysene-d12	1358618	21.298				
1520-96-3	Perylene-d12	1670699	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	260	J			3.446	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	140	J			7.275	
000770-35-4	1-Phenoxypropan-2-ol	180	J			11.199	
000832-69-9	Phenanthrene, 1-methyl-	94	J			17.939	
000057-10-3	n-Hexadecanoic acid	370	J			17.969	
000613-12-7	Anthracene, 2-methyl-	150	J			18.128	
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	90	J			19.251	
002381-21-7	Pyrene, 1-methyl-	86	J			19.816	
	(DEL) Alkane: Cyclic	200	J			20.986	
	(DEL) Alkane: Straight-Chain	100	J			22.051	
E966796	Total Alkanes	300				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.:	BN060624
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
BN031834.D	1	5/29/2024 12:00:00 AM	6/7/2024 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.:	BN060624
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
BN031834.D	1	5/29/2024 12:00:00 AM	6/7/2024 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	120	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	680		62	50	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	50	200	ug/Kg
120-12-7	Anthracene	130	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	1400		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.:	BN060624
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
BN031834.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		54	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	150	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	690		46	50	200	ug/Kg
218-01-9	Chrysene	820		54	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310		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	350		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	66	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	5.005		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	6.201	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	28.765		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.733		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.296		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	25.166		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	31.452		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.693		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.303		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.83		1-145		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.232		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	31.431		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.451		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	30.13		20-140		75	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.:	BN060624
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
BN031834.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.199		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	31.1		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	30.475		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.754		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	482287	7.669				
1146-65-2	Naphthalene-d8	1959563	10.451				
15067-26-2	Acenaphthene-d10	1103546	14.316				
1517-22-2	Phenanthrene-d10	1899032	17.063				
1719-03-5	Chrysene-d12	1411601	21.298				
1520-96-3	Perylene-d12	1789902	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	83	J			11.198	
002531-84-2	Phenanthrene, 2-methyl-	180	J			17.939	
000057-10-3	n-Hexadecanoic acid	600	J			17.969	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b-dihydro	270	J			18.127	
000613-12-7	Anthracene, 2-methyl-	130	J			18.169	
000612-94-2	Naphthalene, 2-phenyl-	100	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	140	J			19.004	
000057-11-4	Octadecanoic acid	79	J			19.251	
033543-31-6	Fluoranthene, 2-methyl-	86	J			19.816	
000243-17-4	11H-Benzo[b]fluorene	83	J			19.986	
	(DEL) Alkane: Cyclic	240	J			20.986	
002004-39-9	1-Heptacosanol	420	J			23.468	
E966796	Total Alkanes	240				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:	BHBX3	SDG No.:	BN060624
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
BN031835.D	1	5/29/2024 12:00:00 AM	6/7/2024 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.:	BN060624
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
BN031835.D	1	5/29/2024 12:00:00 AM	6/7/2024 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	200		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	960		61	49.3	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.3	200	ug/Kg
120-12-7	Anthracene	190	J	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	91	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.:	BN060624
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
BN031835.D	1	5/29/2024 12:00:00 AM	6/7/2024 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	530		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	1800		56	49.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	660		67	49.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	890		66	49.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	710		52	49.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	300		60	49.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	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	4.535		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	10.006		20-120		25	SPK: -40
4165-62-2	Phenol-d5	28.198		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.293		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.042		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	26.382		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	30.58		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.15		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.619		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.166		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.431		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	31.616		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.379		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	31.012		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:	BHBX3	SDG No.:	BN060624
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
BN031835.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.711		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	33.205		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	36.474		10-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.646		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	431209	7.669				
1146-65-2	Naphthalene-d8	1771878	10.457				
15067-26-2	Acenaphthene-d10	1053767	14.316				
1517-22-2	Phenanthrene-d10	1966662	17.063				
1719-03-5	Chrysene-d12	1167014	21.304				
1520-96-3	Perylene-d12	1436785	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	81	J			3.693	
000770-35-4	1-Phenoxypropan-2-ol	93	J			11.198	
1000383-55-1	2-Methyldibenzothiophene	96	J			17.645	
000613-12-7	Anthracene, 2-methyl-	270	J			17.939	
000057-10-3	n-Hexadecanoic acid	140	J			17.969	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	430	J			18.127	
000832-69-9	Phenanthrene, 1-methyl-	190	J			18.169	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	160	J			18.445	
000084-65-1	9,10-Anthracenedione	220	J			18.486	
003674-65-5	Phenanthrene, 2,3-dimethyl-	84	J			18.692	
001576-67-6	Phenanthrene, 3,6-dimethyl-	110	J			18.739	
003674-66-6	Phenanthrene, 2,5-dimethyl-	290	J			18.863	
001576-69-8	Phenanthrene, 2,7-dimethyl-	160	J			18.922	
005737-13-3	Cyclopenta(def)phenanthrenone	230	J			19.004	
002381-21-7	Pyrene, 1-methyl-	130	J			19.816	
000243-17-4	11H-Benzo[b]fluorene	79	J			19.957	
000238-84-6	11H-Benzo[a]fluorene	130	J			19.986	

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.:	BN060624
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
BN031835.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
033543-31-6	Fluoranthene, 2-methyl-	96	J			20.145	
000479-79-8	11H-Benzo[a]fluoren-11-one	120	J			20.739	
	unknown-02	180	J			20.986	
000082-05-3	7H-Benz[de]anthracen-7-one	120	J			21.051	
001705-84-6	Triphenylene, 2-methyl-	87	J			21.974	
002541-69-7	Benz[a]anthracene, 7-methyl-	100	J			22.045	
000112-84-5	13-Docosenamide, (Z)-	170	J			22.668	
000192-97-2	Benzo[e]pyrene	310	J			23.974	
E966796	Total Alkanes	53	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:	BHBX0	SDG No.:	BN060624
Lab Sample ID:	P2634-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031837.D	1	5/29/2024 12:00:00 AM	6/7/2024 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:	BHBX0	SDG No.:	BN060624
Lab Sample ID:	P2634-06	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
BN031837.D	1	5/29/2024 12:00:00 AM	6/7/2024 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	53	U	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	61	U	61	48.5	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.5	190	ug/Kg
120-12-7	Anthracene	54	U	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	81	J	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:	BHBX0	SDG No.:	BN060624
Lab Sample ID:	P2634-06	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
BN031837.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	72	J	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	45	U	45	48.5	190	ug/Kg
218-01-9	Chrysene	53	U	53	48.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	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	65	J	55	48.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	66	U	66	48.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	65	U	65	48.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	51	48.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	48.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	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	5.281		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	21.115		20-120		53	SPK: -40
4165-62-2	Phenol-d5	32.229		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.718		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.677		15-120		82	SPK: -40
190780-66-6	4-Methylphenol-d8	31.057		10-140		78	SPK: -40
4165-60-0	Nitrobenzene-d5	34.356		10-135		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.976		10-120		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.509		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.614		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.065		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	33.624		15-120		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.851		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	32.487		20-140		81	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:	BHBX0	SDG No.:	BN060624
Lab Sample ID:	P2634-06	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
BN031837.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.595		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	34.318		10-150		86	SPK: -40
1718-52-1	Pyrene-d10	40.178		10-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.736		10-140		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	398490	7.669				
1146-65-2	Naphthalene-d8	1625316	10.451				
15067-26-2	Acenaphthene-d10	971883	14.316				
1517-22-2	Phenanthrene-d10	1800824	17.063				
1719-03-5	Chrysene-d12	1123504	21.298				
1520-96-3	Perylene-d12	1371683	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	240	J			3.446	
001119-40-0	Pentanedioic acid, dimethyl ester	96	J			9.393	
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.198	
000057-10-3	n-Hexadecanoic acid	230	J			17.969	
	(DEL) Alkane: Cyclic	280	J			20.98	
000112-84-5	13-Docosenamide, (Z)-	220	J			22.663	
E966796	Total Alkanes	280				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.:	BN060624
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
BN031838.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	470		12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1500		48	82.5	330	ug/Kg
110-86-1	Pyridine	1200		12	170	330	ug/Kg
108-95-2	Phenol	1300		45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		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	1200		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	1100		37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1200		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	1300		30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	950		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	640		19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		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.:	BN060624
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
BN031838.D	1	5/29/2024 12:00:00 AM	6/7/2024 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	1300		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	1400		14	82.5	330	ug/Kg
83-32-9	Acenaphthene	1200		50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1300		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	1300		58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1600		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	1300		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	1400		36	42.5	170	ug/Kg
120-12-7	Anthracene	1300		47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1400		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	1400		61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1300		57	42.5	170	ug/Kg
206-44-0	Fluoranthene	1700		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.:	BN060624
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
BN031838.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		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	1300		46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		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	1500		45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		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	1300		52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.75		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	34.768		20-120		87	SPK: -40
4165-62-2	Phenol-d5	36.963		10-130		92	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.102		10-150		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	38.415		15-120		96	SPK: -40
190780-66-6	4-Methylphenol-d8	33.991		10-140		85	SPK: -40
4165-60-0	Nitrobenzene-d5	38.119		10-135		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.191		10-120		100	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.861		10-140		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.572		1-145		86	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.553		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	36.821		15-120		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.959		10-150		92	SPK: -40
81103-79-9	Fluorene-d10	35.343		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.:	BN060624
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
BN031838.D	1	5/29/2024 12:00:00 AM	6/7/2024 12:00:00 AM	PB161173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.968		10-130		92	SPK: -40
1719-06-8	Anthracene-d10	36.974		10-150		92	SPK: -40
1718-52-1	Pyrene-d10	45.757		10-130		114	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.253		10-140		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	386258	7.669				
1146-65-2	Naphthalene-d8	1636421	10.457				
15067-26-2	Acenaphthene-d10	979408	14.316				
1517-22-2	Phenanthrene-d10	1905439	17.063				
1719-03-5	Chrysene-d12	1144663	21.298				
1520-96-3	Perylene-d12	1306749	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BH5S8DL2								
P2591-05DL2	BH5S8DL2	Solid	11H-Benzo[a]fluoren-11-one	*	4,100.000	JD		
P2591-05DL2	BH5S8DL2	Solid	11H-Benzo[b]fluorene	*	3,200.000	JD		
P2591-05DL2	BH5S8DL2	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	2,500.000	JD		
P2591-05DL2	BH5S8DL2	Solid	4H-Cyclopenta[def]phenanthrene	*	10,000.000	JD		
P2591-05DL2	BH5S8DL2	Solid	7H-Benz[de]anthracen-7-one	*	4,200.000	JD		
P2591-05DL2	BH5S8DL2	Solid	9,10-Anthracenedione	*	5,500.000	JD		
P2591-05DL2	BH5S8DL2	Solid	9H-Fluoren-9-one	*	5,700.000	JD		
P2591-05DL2	BH5S8DL2	Solid	Anthracene, 2-methyl-	*	3,100.000	JD		
P2591-05DL2	BH5S8DL2	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	3,400.000	JD		
P2591-05DL2	BH5S8DL2	Solid	Benzo[e]pyrene	*	3,500.000	JD		
P2591-05DL2	BH5S8DL2	Solid	Cyclopenta(def)phenanthrenone	*	5,700.000	JD		
P2591-05DL2	BH5S8DL2	Solid	Cyclopenta[cd]pyrene	*	3,000.000	JD		
P2591-05DL2	BH5S8DL2	Solid	Dibenzofuran, 4-methyl-	*	2,600.000	JD		
P2591-05DL2	BH5S8DL2	Solid	Dibenzothiophene	*	3,700.000	JD		
P2591-05DL2	BH5S8DL2	Solid	Naphthalene, 2-phenyl-	*	4,700.000	JD		
P2591-05DL2	BH5S8DL2	Solid	Naphthalic anhydride	*	3,700.000	JD		
P2591-05DL2	BH5S8DL2	Solid	Perylene	*	7,000.000	JD		
P2591-05DL2	BH5S8DL2	Solid	Phenanthrene, 1-methyl-	*	10,000.000	JD		
P2591-05DL2	BH5S8DL2	Solid	Phenanthrene, 2-methyl-	*	6,900.000	JD		
P2591-05DL2	BH5S8DL2	Solid	Pyrene, 1-methyl-	*	2,900.000	JD		
P2591-05DL2	BH5S8DL2	Solid	Total Alkanes	*	0.000	D 1700	6400	ug/Kg
			Total Tics :		95,400.00			
P2591-05DL2	BH5S8DL2	Solid	1-Methylnaphthalene		1,300.000	JD 710	6400	ug/Kg
P2591-05DL2	BH5S8DL2	Solid	2-Methylnaphthalene		1,700.000	JD 1400	6400	ug/Kg
P2591-05DL2	BH5S8DL2	Solid	Acenaphthene		4,500.000	JD 1900	6400	ug/Kg
P2591-05DL2	BH5S8DL2	Solid	Anthracene		14,000.000	D 1800	6400	ug/Kg
P2591-05DL2	BH5S8DL2	Solid	Benzo(a)anthracene		34,000.000	D 1500	6400	ug/Kg
P2591-05DL2	BH5S8DL2	Solid	Benzo(a)pyrene		15,000.000	D 2100	6400	ug/Kg
P2591-05DL2	BH5S8DL2	Solid	Benzo(b)fluoranthene		35,000.000	D 1800	6400	ug/Kg
P2591-05DL2	BH5S8DL2	Solid	Benzo(k)fluoranthene		13,000.000	D 2200	6400	ug/Kg
P2591-05DL2	BH5S8DL2	Solid	Carbazole		10,000.000	JD 2300	12000	ug/Kg
P2591-05DL2	BH5S8DL2	Solid	Chrysene		31,000.000	D 1700	6400	ug/Kg
P2591-05DL2	BH5S8DL2	Solid	Dibenzo(a,h)anthracene		4,900.000	JD 1900	6400	ug/Kg
P2591-05DL2	BH5S8DL2	Solid	Dibenzofuran		5,300.000	JD 1500	6400	ug/Kg
P2591-05DL2	BH5S8DL2	Solid	Fluoranthene		88,000.000	D 1700	6400	ug/Kg
P2591-05DL2	BH5S8DL2	Solid	Fluorene		5,500.000	JD 2200	6400	ug/Kg
P2591-05DL2	BH5S8DL2	Solid	Indeno(1,2,3-cd)pyrene		11,000.000	D 1700	6400	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2591-05DL2	BH5S8DL2	Solid	Naphthalene	3,300.000	JD	1200	6400	ug/Kg
P2591-05DL2	BH5S8DL2	Solid	Phenanthrene	62,000.000	D	2000	6400	ug/Kg
P2591-05DL2	BH5S8DL2	Solid	Pyrene	60,000.000	D	1700	6400	ug/Kg
Total Svoc :				399,500.00				
Total Concentration:				494,900.00				

Client ID : BHBW7

P2634-01	BHBW7	Solid	(DEL) Alkane: Cyclic20.986	*	200.000	J		
P2634-01	BHBW7	Solid	(DEL) Alkane: Straight-Chain22.0	*	100.000	J		
P2634-01	BHBW7	Solid	1-Phenoxypropan-2-ol	*	180.000	J		
P2634-01	BHBW7	Solid	Anthracene, 2-methyl-	*	150.000	J		
P2634-01	BHBW7	Solid	Cyclopenta(def)phenanthrenone	*	86.000	J		
P2634-01	BHBW7	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	140.000	J		
P2634-01	BHBW7	Solid	n-Hexadecanoic acid	*	370.000	J		
P2634-01	BHBW7	Solid	Octadecanoic acid	*	90.000	J		
P2634-01	BHBW7	Solid	Phenanthrene, 1-methyl-	*	94.000	J		
P2634-01	BHBW7	Solid	Phenanthrene, 2,5-dimethyl-	*	110.000	J		
P2634-01	BHBW7	Solid	Propylene Glycol	*	260.000	J		
P2634-01	BHBW7	Solid	Pyrene, 1-methyl-	*	86.000	J		
P2634-01	BHBW7	Solid	Total Alkanes	*	300.000		54	200 ug/Kg
Total Tics :				2,166.00				
P2634-01	BHBW7	Solid	Acenaphthylene		64.000	J	54	200 ug/Kg
P2634-01	BHBW7	Solid	Anthracene		74.000	J	55	200 ug/Kg
P2634-01	BHBW7	Solid	Benzo(a)anthracene		400.000		46	200 ug/Kg
P2634-01	BHBW7	Solid	Benzo(a)pyrene		270.000		67	200 ug/Kg
P2634-01	BHBW7	Solid	Benzo(b)fluoranthene		560.000		56	200 ug/Kg
P2634-01	BHBW7	Solid	Benzo(k)fluoranthene		190.000	J	68	200 ug/Kg
P2634-01	BHBW7	Solid	Bis(2-ethylhexyl)phthalate		420.000		51	200 ug/Kg
P2634-01	BHBW7	Solid	Butylbenzylphthalate		150.000	J	51	200 ug/Kg
P2634-01	BHBW7	Solid	Chrysene		490.000		54	200 ug/Kg
P2634-01	BHBW7	Solid	Dibenzo(a,h)anthracene		86.000	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		220.000		53	200 ug/Kg
P2634-01	BHBW7	Solid	Phenanthrene		410.000		62	200 ug/Kg
P2634-01	BHBW7	Solid	Pyrene		810.000		54	200 ug/Kg
Total Svoc :				5,144.00				
Total Concentration:				7,310.00				

Client ID : BHBW8

P2634-02	BHBW8	Solid	1-Phenoxypropan-2-ol	*	170.000	J		
P2634-02	BHBW8	Solid	11H-Benzo[b]fluorene	*	96.000	J		

Hit Summary Sheet SW-846

SDG No.: BN060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-02	BHBW8	Solid	9,10-Anthracenedione	*	110.000	J		
P2634-02	BHBW8	Solid	Benzo[e]pyrene	*	410.000	J		
P2634-02	BHBW8	Solid	Cyclopenta(def)phenanthrenone	*	140.000	J		
P2634-02	BHBW8	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	95.000	J		
P2634-02	BHBW8	Solid	n-Hexadecanoic acid	*	500.000	J		
P2634-02	BHBW8	Solid	Naphthalene, 2-phenyl-	*	95.000	J		
P2634-02	BHBW8	Solid	Octadecanoic acid	*	95.000	J		
P2634-02	BHBW8	Solid	Pentadecafluorooctanoic acid, octa	*	160.000	J		
P2634-02	BHBW8	Solid	Pentanedioic acid, dimethyl ester	*	79.000	J		
P2634-02	BHBW8	Solid	Phenanthrene, 1,7-dimethyl-	*	180.000	J		
P2634-02	BHBW8	Solid	Phenanthrene, 1-methyl-	*	120.000	J		
P2634-02	BHBW8	Solid	Phenanthrene, 2-methyl-	*	160.000	J		
P2634-02	BHBW8	Solid	Phenanthrene, 3,6-dimethyl-	*	120.000	J		
P2634-02	BHBW8	Solid	Phenanthrene, 4-methyl-	*	240.000	J		
P2634-02	BHBW8	Solid	Propylene Glycol	*	240.000	J		
P2634-02	BHBW8	Solid	Pyrene, 1-methyl-	*	120.000	J		
P2634-02	BHBW8	Solid	Pyrene, 4-methyl-	*	92.000	J		
P2634-02	BHBW8	Solid	Total Alkanes	*	0.000	54	200	ug/Kg
Total Tics :				3,222.00				
P2634-02	BHBW8	Solid	Acenaphthylene		120.000	J	54	200 ug/Kg
P2634-02	BHBW8	Solid	Anthracene		110.000	J	56	200 ug/Kg
P2634-02	BHBW8	Solid	Benzo(a)anthracene		640.000		46	200 ug/Kg
P2634-02	BHBW8	Solid	Benzo(a)pyrene		630.000		67	200 ug/Kg
P2634-02	BHBW8	Solid	Benzo(b)fluoranthene		860.000		57	200 ug/Kg
P2634-02	BHBW8	Solid	Benzo(g,h,i)perylene		510.000		54	200 ug/Kg
P2634-02	BHBW8	Solid	Benzo(k)fluoranthene		230.000		69	200 ug/Kg
P2634-02	BHBW8	Solid	Bis(2-ethylhexyl)phthalate		170.000	J	51	200 ug/Kg
P2634-02	BHBW8	Solid	Butylbenzylphthalate		54.000	J	51	200 ug/Kg
P2634-02	BHBW8	Solid	Chrysene		740.000		54	200 ug/Kg
P2634-02	BHBW8	Solid	Dibenzo(a,h)anthracene		130.000	J	62	200 ug/Kg
P2634-02	BHBW8	Solid	Fluoranthene		1,600.000		53	200 ug/Kg
P2634-02	BHBW8	Solid	Indeno(1,2,3-cd)pyrene		410.000		53	200 ug/Kg
P2634-02	BHBW8	Solid	Phenanthrene		610.000		63	200 ug/Kg
P2634-02	BHBW8	Solid	Pyrene		1,500.000		54	200 ug/Kg
Total Svoc :				8,314.00				
Total Concentration:				11,536.00				
Client ID : BHBX0								
P2634-06	BHBX0	Solid	(DEL) Alkane: Cyclic20.986	*	150.000	J		
P2634-06	BHBX0	Solid	.alpha.-Pinene	*	340.000	J		
P2634-06	BHBX0	Solid	.beta.-Pinene	*	580.000	J		

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SDG No.: BN060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-06	BHBX0	Solid	.gamma.-Asarone	*	98.000	J		
P2634-06	BHBX0	Solid	1,3,6-Octatriene, 3,7-dimethyl-, (	*	77.000	J		
P2634-06	BHBX0	Solid	1-Phenoxypropan-2-ol	*	92.000	J		
P2634-06	BHBX0	Solid	13-Docosenamide, (Z)-	*	130.000	J		
P2634-06	BHBX0	Solid	4H-Cyclopenta[def]phenanthrene	*	79.000	J		
P2634-06	BHBX0	Solid	Benzene, 1,2,3-trimethoxy-5-(1-pi	*	250.000	J		
P2634-06	BHBX0	Solid	Camphene	*	130.000	J		
P2634-06	BHBX0	Solid	D-Limonene	*	81.000	J		
P2634-06	BHBX0	Solid	Dehydrodiisoeugenol, methyl ethe	*	340.000	J		
P2634-06	BHBX0	Solid	Indole, 5-methyl-2-(4-pyridyl)-	*	230.000	J		
P2634-06	BHBX0	Solid	Kadsurin A	*	440.000	J		
P2634-06	BHBX0	Solid	Licarin B	*	92.000	J		
P2634-06	BHBX0	Solid	n-Hexadecanoic acid	*	180.000	J		
P2634-06	BHBX0	Solid	Piperenone	*	460.000	J		
P2634-06	BHBX0	Solid	Propylene Glycol	*	100.000	J		
P2634-06	BHBX0	Solid	unknown-01	*	94.000	J		
P2634-06	BHBX0	Solid	unknown-02	*	250.000	J		
P2634-06	BHBX0	Solid	unknown-03	*	120.000	J		
P2634-06	BHBX0	Solid	unknown-04	*	1,900.000	J		
P2634-06	BHBX0	Solid	Total Alkanes	*	150.000	J	53	190 ug/Kg
P2634-06	BHBX0	Solid	(DEL) Alkane: Cyclic20.980	*	280.000	J		
P2634-06	BHBX0	Solid	1-Phenoxypropan-2-ol	*	200.000	J		
P2634-06	BHBX0	Solid	13-Docosenamide, (Z)-	*	220.000	J		
P2634-06	BHBX0	Solid	n-Hexadecanoic acid	*	230.000	J		
P2634-06	BHBX0	Solid	Pentanedioic acid, dimethyl ester	*	96.000	J		
P2634-06	BHBX0	Solid	Propylene Glycol	*	240.000	J		
P2634-06	BHBX0	Solid	Total Alkanes	*	280.000	J	53	190 ug/Kg
Total Tics :					7,909.00			
P2634-06	BHBX0	Solid	Benzo(a)anthracene		200.000	J	45	190 ug/Kg
P2634-06	BHBX0	Solid	Benzo(a)pyrene		200.000	J	65	190 ug/Kg
P2634-06	BHBX0	Solid	Benzo(b)fluoranthene		290.000	J	55	190 ug/Kg
P2634-06	BHBX0	Solid	Benzo(g,h,i)perylene		140.000	J	53	190 ug/Kg
P2634-06	BHBX0	Solid	Benzo(k)fluoranthene		95.000	J	66	190 ug/Kg
P2634-06	BHBX0	Solid	Chrysene		240.000	J	53	190 ug/Kg
P2634-06	BHBX0	Solid	Fluoranthene		490.000	J	51	190 ug/Kg
P2634-06	BHBX0	Solid	Indeno(1,2,3-cd)pyrene		120.000	J	51	190 ug/Kg
P2634-06	BHBX0	Solid	Phenanthrene		200.000	J	61	190 ug/Kg
P2634-06	BHBX0	Solid	Pyrene		460.000	J	53	190 ug/Kg
P2634-06	BHBX0	Solid	Benzo(b)fluoranthene		65.000	J	55	190 ug/Kg
P2634-06	BHBX0	Solid	Fluoranthene		81.000	J	51	190 ug/Kg

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SDG No.: BN060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-06	BHBX0	Solid	Pyrene	72.000	J	53	190	ug/Kg
Total Svoc :				2,653.00				
Total Concentration:				10,562.00				
Client ID : BHBX1								
P2634-07	BHBX1	Solid	.beta.-Pinene	*	86.000	J		
P2634-07	BHBX1	Solid	1-Phenoxypropan-2-ol	*	83.000	J		
P2634-07	BHBX1	Solid	13-Docosenamide, (Z)-	*	120.000	J		
P2634-07	BHBX1	Solid	2- Chloropropionic acid, octadecy	*	140.000	J		
P2634-07	BHBX1	Solid	Kadsurin A	*	120.000	J		
P2634-07	BHBX1	Solid	n-Hexadecanoic acid	*	150.000	J		
P2634-07	BHBX1	Solid	Piperenone	*	94.000	J		
P2634-07	BHBX1	Solid	Propylene Glycol	*	91.000	J		
P2634-07	BHBX1	Solid	unknown-01	*	400.000	J		
P2634-07	BHBX1	Solid	Total Alkanes	*	0.000	50	190	ug/Kg
Total Tics :				1,284.00				
P2634-07	BHBX1	Solid	Benzo(b)fluoranthene		66.000	J 52	190	ug/Kg
P2634-07	BHBX1	Solid	Chrysene		52.000	J 50	190	ug/Kg
P2634-07	BHBX1	Solid	Fluoranthene		100.000	J 49	190	ug/Kg
P2634-07	BHBX1	Solid	Pyrene		100.000	J 50	190	ug/Kg
Total Svoc :				318.00				
Total Concentration:				1,602.00				
Client ID : BHBX2								
P2634-08	BHBX2	Solid	(DEL) Alkane: Cyclic20.986	*	240.000	J		
P2634-08	BHBX2	Solid	1-Heptacosanol	*	420.000	J		
P2634-08	BHBX2	Solid	1-Phenoxypropan-2-ol	*	83.000	J		
P2634-08	BHBX2	Solid	11H-Benzo[b]fluorene	*	83.000	J		
P2634-08	BHBX2	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	270.000	J		
P2634-08	BHBX2	Solid	9,10-Anthracenedione	*	130.000	J		
P2634-08	BHBX2	Solid	Anthracene, 2-methyl-	*	130.000	J		
P2634-08	BHBX2	Solid	Cyclopenta(def)phenanthrenone	*	140.000	J		
P2634-08	BHBX2	Solid	Fluoranthene, 2-methyl-	*	86.000	J		
P2634-08	BHBX2	Solid	n-Hexadecanoic acid	*	600.000	J		
P2634-08	BHBX2	Solid	Naphthalene, 2-phenyl-	*	100.000	J		
P2634-08	BHBX2	Solid	Octadecanoic acid	*	79.000	J		
P2634-08	BHBX2	Solid	Phenanthrene, 2,5-dimethyl-	*	170.000	J		
P2634-08	BHBX2	Solid	Phenanthrene, 2-methyl-	*	180.000	J		
P2634-08	BHBX2	Solid	Total Alkanes	*	240.000	54	200	ug/Kg
Total Tics :				2,951.00				
P2634-08	BHBX2	Solid	Acenaphthylene		120.000	J 54	200	ug/Kg
P2634-08	BHBX2	Solid	Anthracene		130.000	J 55	200	ug/Kg

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SDG No.: BN060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-08	BHBX2	Solid	Benzo(a)anthracene	690.000		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	66.000	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	310.000		51	200	ug/Kg
P2634-08	BHBX2	Solid	Butylbenzylphthalate	150.000	J	51	200	ug/Kg
P2634-08	BHBX2	Solid	Chrysene	820.000		54	200	ug/Kg
P2634-08	BHBX2	Solid	Dibenzo(a,h)anthracene	140.000	J	61	200	ug/Kg
P2634-08	BHBX2	Solid	Fluoranthene	1,400.000		53	200	ug/Kg
P2634-08	BHBX2	Solid	Indeno(1,2,3-cd)pyrene	350.000		53	200	ug/Kg
P2634-08	BHBX2	Solid	Phenanthrene	680.000		62	200	ug/Kg
P2634-08	BHBX2	Solid	Pyrene	1,200.000		54	200	ug/Kg

Total Svoc : 7,686.00

Total Concentration: 10,637.00

Client ID : BHBX3

P2634-09	BHBX3	Solid	1-Phenoxypropan-2-ol	*	93.000	J	
P2634-09	BHBX3	Solid	11H-Benzo[a]fluoren-11-one	*	120.000	J	
P2634-09	BHBX3	Solid	11H-Benzo[a]fluorene	*	130.000	J	
P2634-09	BHBX3	Solid	11H-Benzo[b]fluorene	*	79.000	J	
P2634-09	BHBX3	Solid	13-Docosenamide, (Z)-	*	170.000	J	
P2634-09	BHBX3	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	430.000	J	
P2634-09	BHBX3	Solid	2-Methyldibenzothiophene	*	96.000	J	
P2634-09	BHBX3	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	160.000	J	
P2634-09	BHBX3	Solid	7H-Benz[de]anthracen-7-one	*	120.000	J	
P2634-09	BHBX3	Solid	9,10-Anthracenedione	*	220.000	J	
P2634-09	BHBX3	Solid	Anthracene, 2-methyl-	*	270.000	J	
P2634-09	BHBX3	Solid	Benz[a]anthracene, 7-methyl-	*	100.000	J	
P2634-09	BHBX3	Solid	Benzo[e]pyrene	*	310.000	J	
P2634-09	BHBX3	Solid	Cyclopenta(def)phenanthrenone	*	230.000	J	
P2634-09	BHBX3	Solid	Fluoranthene, 2-methyl-	*	96.000	J	
P2634-09	BHBX3	Solid	n-Hexadecanoic acid	*	140.000	J	
P2634-09	BHBX3	Solid	Phenanthrene, 1-methyl-	*	190.000	J	
P2634-09	BHBX3	Solid	Phenanthrene, 2,3-dimethyl-	*	84.000	J	
P2634-09	BHBX3	Solid	Phenanthrene, 2,5-dimethyl-	*	290.000	J	
P2634-09	BHBX3	Solid	Phenanthrene, 2,7-dimethyl-	*	160.000	J	
P2634-09	BHBX3	Solid	Phenanthrene, 3,6-dimethyl-	*	110.000	J	
P2634-09	BHBX3	Solid	Pyrene, 1-methyl-	*	130.000	J	
P2634-09	BHBX3	Solid	Triphenylene, 2-methyl-	*	87.000	J	
P2634-09	BHBX3	Solid	unknown-01	*	81.000	J	

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SDG No.: BN060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-09	BHBX3	Solid	unknown-02	*	180.000	J		
P2634-09	BHBX3	Solid	Total Alkanes	*	0.000	53	200	ug/Kg
Total Tics :					4,076.00			
P2634-09	BHBX3	Solid	Acenaphthylene		200.000	53	200	ug/Kg
P2634-09	BHBX3	Solid	Anthracene		190.000	J 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		890.000	66	200	ug/Kg
P2634-09	BHBX3	Solid	Benzo(b)fluoranthene		1,800.000	56	200	ug/Kg
P2634-09	BHBX3	Solid	Benzo(g,h,i)perylene		130.000	J 53	200	ug/Kg
P2634-09	BHBX3	Solid	Benzo(k)fluoranthene		660.000	67	200	ug/Kg
P2634-09	BHBX3	Solid	Bis(2-ethylhexyl)phthalate		530.000	50	200	ug/Kg
P2634-09	BHBX3	Solid	Butylbenzylphthalate		150.000	J 50	200	ug/Kg
P2634-09	BHBX3	Solid	Carbazole		91.000	J 71	380	ug/Kg
P2634-09	BHBX3	Solid	Chrysene		1,500.000	53	200	ug/Kg
P2634-09	BHBX3	Solid	Dibenzo(a,h)anthracene		300.000	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		710.000	52	200	ug/Kg
P2634-09	BHBX3	Solid	Phenanthrene		960.000	61	200	ug/Kg
P2634-09	BHBX3	Solid	Pyrene		2,300.000	53	200	ug/Kg
Total Svoc :					14,411.00			
Total Concentration:					18,487.00			

Client ID : BHBX4

P2634-10	BHBX4	Solid	1-Heneicosanol	*	170.000	J		
P2634-10	BHBX4	Solid	1-Phenoxypropan-2-ol	*	96.000	J		
P2634-10	BHBX4	Solid	11H-Benzo[a]fluorene	*	95.000	J		
P2634-10	BHBX4	Solid	13-Docosenamide, (Z)-	*	120.000	J		
P2634-10	BHBX4	Solid	4H-Cyclopenta[def]phenanthrene	*	250.000	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	Benzo[e]pyrene	*	380.000	J		
P2634-10	BHBX4	Solid	Cyclopenta(def)phenanthrenone	*	140.000	J		
P2634-10	BHBX4	Solid	Fluoranthene, 2-methyl-	*	89.000	J		
P2634-10	BHBX4	Solid	n-Hexadecanoic acid	*	120.000	J		
P2634-10	BHBX4	Solid	Naphthalene, 2-phenyl-	*	96.000	J		
P2634-10	BHBX4	Solid	Pentanedioic acid, dimethyl ester	*	78.000	J		
P2634-10	BHBX4	Solid	Phenanthrene, 2,5-dimethyl-	*	160.000	J		
P2634-10	BHBX4	Solid	Phenanthrene, 2,7-dimethyl-	*	94.000	J		
P2634-10	BHBX4	Solid	Phenanthrene, 4-methyl-	*	120.000	J		
P2634-10	BHBX4	Solid	Propylene Glycol	*	100.000	J		
P2634-10	BHBX4	Solid	Pyrene, 1-methyl-	*	110.000	J		

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SDG No.: BN060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-10	BHBX4	Solid	Total Alkanes	*	0.000	53	190	ug/Kg
Total Tics :				2,518.00				
P2634-10	BHBX4	Solid	Acenaphthylene	120.000	J	53	190	ug/Kg
P2634-10	BHBX4	Solid	Anthracene	120.000	J	54	190	ug/Kg
P2634-10	BHBX4	Solid	Benzo(a)anthracene	580.000		45	190	ug/Kg
P2634-10	BHBX4	Solid	Benzo(a)pyrene	620.000		65	190	ug/Kg
P2634-10	BHBX4	Solid	Benzo(b)fluoranthene	840.000		55	190	ug/Kg
P2634-10	BHBX4	Solid	Benzo(g,h,i)perylene	490.000		53	190	ug/Kg
P2634-10	BHBX4	Solid	Benzo(k)fluoranthene	260.000		66	190	ug/Kg
P2634-10	BHBX4	Solid	Bis(2-ethylhexyl)phthalate	51.000	J	49	190	ug/Kg
P2634-10	BHBX4	Solid	Chrysene	710.000		53	190	ug/Kg
P2634-10	BHBX4	Solid	Dibenzo(a,h)anthracene	130.000	J	59	190	ug/Kg
P2634-10	BHBX4	Solid	Fluoranthene	1,600.000		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	620.000		61	190	ug/Kg
P2634-10	BHBX4	Solid	Pyrene	1,500.000		53	190	ug/Kg
Total Svoc :				8,041.00				
Total Concentration:				10,559.00				

Client ID : BHBX5

P2634-11	BHBX5	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P2634-11	BHBX5	Solid	11H-Benzo[a]fluoren-11-one	*	110.000	J		
P2634-11	BHBX5	Solid	11H-Benzo[a]fluorene	*	130.000	J		
P2634-11	BHBX5	Solid	13-Docosenamide, (Z)-	*	89.000	J		
P2634-11	BHBX5	Solid	4H-Cyclopenta[def]phenanthrene	*	540.000	J		
P2634-11	BHBX5	Solid	7H-Benz[de]anthracen-7-one	*	140.000	J		
P2634-11	BHBX5	Solid	9,10-Anthracenedione	*	380.000	J		
P2634-11	BHBX5	Solid	9H-Fluoren-9-one	*	120.000	J		
P2634-11	BHBX5	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	94.000	J		
P2634-11	BHBX5	Solid	Anthracene, 1-methyl-	*	93.000	J		
P2634-11	BHBX5	Solid	Anthracene, 2-methyl-	*	650.000	J		
P2634-11	BHBX5	Solid	Anthracene, 9-methyl-	*	190.000	J		
P2634-11	BHBX5	Solid	Benz[a]anthracene, 7-methyl-	*	82.000	J		
P2634-11	BHBX5	Solid	Benzene, [4-(3-ethynylphenyl)-1,3,5-trisubstituted]-	*	210.000	J		
P2634-11	BHBX5	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	130.000	J		
P2634-11	BHBX5	Solid	Benzo[c]phenanthrene	*	96.000	J		
P2634-11	BHBX5	Solid	Benzo[e]pyrene	*	300.000	J		
P2634-11	BHBX5	Solid	Benzo[j]fluoranthene	*	590.000	J		
P2634-11	BHBX5	Solid	Cyclopenta(def)phenanthrenone	*	270.000	J		
P2634-11	BHBX5	Solid	Fluoranthene, 2-methyl-	*	120.000	J		
P2634-11	BHBX5	Solid	Naphthalene, 2-phenyl-	*	270.000	J		

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SDG No.: BN060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-11	BHBX5	Solid	Naphtho[1,2-b]thiophene	*	120.000	J		
P2634-11	BHBX5	Solid	Perylene	*	1,200.000	J		
P2634-11	BHBX5	Solid	Phenanthrene, 2,5-dimethyl-	*	250.000	J		
P2634-11	BHBX5	Solid	Phenanthrene, 2-methyl-	*	320.000	J		
P2634-11	BHBX5	Solid	Phenanthrene, 3,6-dimethyl-	*	84.000	J		
P2634-11	BHBX5	Solid	Phenanthrene, 4,5-dimethyl-	*	93.000	J		
P2634-11	BHBX5	Solid	Propylene Glycol	*	150.000	J		
P2634-11	BHBX5	Solid	Pyrene, 1-methyl-	*	140.000	J		
P2634-11	BHBX5	Solid	unknown-01	*	160.000	J		
P2634-11	BHBX5	Solid	Total Alkanes	*	0.000	54	200	ug/Kg
Total Tics :				7,241.00				
P2634-11	BHBX5	Solid	Acenaphthylene		220.000	54	200	ug/Kg
P2634-11	BHBX5	Solid	Anthracene		300.000	55	200	ug/Kg
P2634-11	BHBX5	Solid	Benzo(a)anthracene		1,900.000	46	200	ug/Kg
P2634-11	BHBX5	Solid	Benzo(a)pyrene		1,800.000	67	200	ug/Kg
P2634-11	BHBX5	Solid	Benzo(b)fluoranthene		2,500.000	56	200	ug/Kg
P2634-11	BHBX5	Solid	Benzo(g,h,i)perylene		1,500.000	54	200	ug/Kg
P2634-11	BHBX5	Solid	Benzo(k)fluoranthene		830.000	68	200	ug/Kg
P2634-11	BHBX5	Solid	Carbazole		340.000	J 72	390	ug/Kg
P2634-11	BHBX5	Solid	Chrysene		2,200.000	54	200	ug/Kg
P2634-11	BHBX5	Solid	Dibenzo(a,h)anthracene		370.000	61	200	ug/Kg
P2634-11	BHBX5	Solid	Dibenzofuran		48.000	J 47	200	ug/Kg
P2634-11	BHBX5	Solid	Fluoranthene		5,000.000	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		1,200.000	53	200	ug/Kg
P2634-11	BHBX5	Solid	Naphthalene		46.000	J 39	200	ug/Kg
P2634-11	BHBX5	Solid	Phenanthrene		2,100.000	62	200	ug/Kg
P2634-11	BHBX5	Solid	Pyrene		4,300.000	E 54	200	ug/Kg
Total Svoc :				24,735.00				
Total Concentration:				31,976.00				
Client ID : BHBX6								
P2634-12	BHBX6	Solid	(DEL) Alkane: Cyclic20.986	*	130.000	J		
P2634-12	BHBX6	Solid	1-Phenoxypropan-2-ol	*	89.000	J		
P2634-12	BHBX6	Solid	13-Docosenamide, (Z)-	*	230.000	J		
P2634-12	BHBX6	Solid	Benzenesulfonamide, N,4-dimethy	*	89.000	J		
P2634-12	BHBX6	Solid	Benzo[e]pyrene	*	95.000	J		
P2634-12	BHBX6	Solid	n-Hexadecanoic acid	*	130.000	J		
P2634-12	BHBX6	Solid	Total Alkanes	*	130.000	53	200	ug/Kg
Total Tics :				893.00				
P2634-12	BHBX6	Solid	Benzo(a)anthracene		210.000	45	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-12	BHBX6	Solid	Benzo(a)pyrene	200.000		66	200	ug/Kg
P2634-12	BHBX6	Solid	Benzo(b)fluoranthene	290.000		56	200	ug/Kg
P2634-12	BHBX6	Solid	Benzo(g,h,i)perylene	160.000	J	53	200	ug/Kg
P2634-12	BHBX6	Solid	Benzo(k)fluoranthene	110.000	J	67	200	ug/Kg
P2634-12	BHBX6	Solid	Chrysene	240.000		53	200	ug/Kg
P2634-12	BHBX6	Solid	Fluoranthene	450.000		52	200	ug/Kg
P2634-12	BHBX6	Solid	Indeno(1,2,3-cd)pyrene	130.000	J	52	200	ug/Kg
P2634-12	BHBX6	Solid	Phenanthrene	160.000	J	61	200	ug/Kg
P2634-12	BHBX6	Solid	Pyrene	410.000		53	200	ug/Kg

Total Svoc : 2,360.00

Total Concentration: 3,253.00

Client ID : BHBX9

P2634-15	BHBX9	Solid	(2,3-Diphenylcyclopropyl)methyl *	120.000	J			
P2634-15	BHBX9	Solid	(DEL) Alkane: Straight-Chain 16.0 *	110.000	J			
P2634-15	BHBX9	Solid	[2.2]Paracyclophane *	170.000	J			
P2634-15	BHBX9	Solid	1-Phenoxypropan-2-ol *	130.000	J			
P2634-15	BHBX9	Solid	11H-Benzo[a]fluoren-11-one *	100.000	J			
P2634-15	BHBX9	Solid	11H-Benzo[b]fluorene *	80.000	J			
P2634-15	BHBX9	Solid	13-Docosenamide, (Z)- *	160.000	J			
P2634-15	BHBX9	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	110.000	J			
P2634-15	BHBX9	Solid	1H-Indole, 2-methyl-3-phenyl- *	200.000	J			
P2634-15	BHBX9	Solid	2-Methyldibenzothiophene *	90.000	J			
P2634-15	BHBX9	Solid	4H-Cyclopenta[def]phenanthrene *	220.000	J			
P2634-15	BHBX9	Solid	9,10-Anthracenedione *	140.000	J			
P2634-15	BHBX9	Solid	9H-Fluoren-9-one *	97.000	J			
P2634-15	BHBX9	Solid	Anthracene, 2-methyl- *	580.000	J			
P2634-15	BHBX9	Solid	Cyclohexane, 1,3,5-triphenyl- *	440.000	J			
P2634-15	BHBX9	Solid	Cyclopenta(def)phenanthrenone *	130.000	J			
P2634-15	BHBX9	Solid	di-p-Tolylacetylene *	90.000	J			
P2634-15	BHBX9	Solid	Methadone N-oxide *	290.000	J			
P2634-15	BHBX9	Solid	Naphthalene, 2-phenyl- *	130.000	J			
P2634-15	BHBX9	Solid	Phenanthrene, 2,5-dimethyl- *	170.000	J			
P2634-15	BHBX9	Solid	Phenanthrene, 2-methyl- *	200.000	J			
P2634-15	BHBX9	Solid	Phenanthrene, 3,6-dimethyl- *	92.000	J			
P2634-15	BHBX9	Solid	Pyrene, 1-methyl- *	110.000	J			
P2634-15	BHBX9	Solid	Triphenylene, 2-methyl- *	100.000	J			
P2634-15	BHBX9	Solid	unknown-01 *	130.000	J			
P2634-15	BHBX9	Solid	unknown-02 *	91.000	J			
P2634-15	BHBX9	Solid	Total Alkanes *	110.000		53	200	ug/Kg

Total Tics : 4,390.00

Hit Summary Sheet SW-846

SDG No.: BN060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
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	80.000	J	53	200	ug/Kg
P2634-15	BHBX9	Solid	Anthracene	120.000	J	55	200	ug/Kg
P2634-15	BHBX9	Solid	Benzo(a)anthracene	620.000		45	200	ug/Kg
P2634-15	BHBX9	Solid	Benzo(a)pyrene	440.000		66	200	ug/Kg
P2634-15	BHBX9	Solid	Benzo(b)fluoranthene	960.000		56	200	ug/Kg
P2634-15	BHBX9	Solid	Benzo(g,h,i)perylene	71.000	J	53	200	ug/Kg
P2634-15	BHBX9	Solid	Benzo(k)fluoranthene	270.000		67	200	ug/Kg
P2634-15	BHBX9	Solid	Bis(2-ethylhexyl)phthalate	160.000	J	50	200	ug/Kg
P2634-15	BHBX9	Solid	Butylbenzylphthalate	74.000	J	50	200	ug/Kg
P2634-15	BHBX9	Solid	Chrysene	820.000		53	200	ug/Kg
P2634-15	BHBX9	Solid	Dibenzo(a,h)anthracene	140.000	J	60	200	ug/Kg
P2634-15	BHBX9	Solid	Fluoranthene	1,400.000		52	200	ug/Kg
P2634-15	BHBX9	Solid	Indeno(1,2,3-cd)pyrene	370.000		52	200	ug/Kg
P2634-15	BHBX9	Solid	Naphthalene	44.000	J	38	200	ug/Kg
P2634-15	BHBX9	Solid	Phenanthrene	670.000		62	200	ug/Kg
P2634-15	BHBX9	Solid	Pyrene	1,100.000		53	200	ug/Kg

Total Svoc : 7,432.00

Total Concentration: 11,822.00

Client ID : BHBX0

P2634-16	BHBX0	Solid	1-Phenoxypropan-2-ol	*	100.000	J		
P2634-16	BHBX0	Solid	13-Docosenamide, (Z)-	*	120.000	J		
P2634-16	BHBX0	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	130.000	J		
P2634-16	BHBX0	Solid	Cyclopenta(def)phenanthrenone	*	84.000	J		
P2634-16	BHBX0	Solid	n-Hexadecanoic acid	*	390.000	J		
P2634-16	BHBX0	Solid	Naphthalene, 2-phenyl-	*	76.000	J		
P2634-16	BHBX0	Solid	Octadecanoic acid	*	76.000	J		
P2634-16	BHBX0	Solid	Pentadecafluorooctanoic acid, oct:	*	220.000	J		
P2634-16	BHBX0	Solid	Phenanthrene, 2,5-dimethyl-	*	96.000	J		
P2634-16	BHBX0	Solid	Phenanthrene, 2-methyl-	*	93.000	J		
P2634-16	BHBX0	Solid	Pyrene, 1-methyl-	*	79.000	J		
P2634-16	BHBX0	Solid	Total Alkanes	*	0.000	52	190	ug/Kg

Total Tics : 1,464.00

P2634-16	BHBX0	Solid	Anthracene		54.000	J	53	190	ug/Kg
P2634-16	BHBX0	Solid	Benzo(a)anthracene		320.000		44	190	ug/Kg
P2634-16	BHBX0	Solid	Benzo(a)pyrene		210.000		65	190	ug/Kg
P2634-16	BHBX0	Solid	Benzo(b)fluoranthene		460.000		54	190	ug/Kg
P2634-16	BHBX0	Solid	Benzo(k)fluoranthene		160.000	J	66	190	ug/Kg
P2634-16	BHBX0	Solid	Bis(2-ethylhexyl)phthalate		720.000		49	190	ug/Kg

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SDG No.: BN060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-16	BHBY0	Solid	Chrysene	390.000		52	190	ug/Kg
P2634-16	BHBY0	Solid	Dibenzo(a,h)anthracene	66.000	J	59	190	ug/Kg
P2634-16	BHBY0	Solid	Fluoranthene	720.000		51	190	ug/Kg
P2634-16	BHBY0	Solid	Indeno(1,2,3-cd)pyrene	160.000	J	51	190	ug/Kg
P2634-16	BHBY0	Solid	Phenanthrene	310.000		60	190	ug/Kg
P2634-16	BHBY0	Solid	Pyrene	580.000		52	190	ug/Kg
Total Svoc :				4,150.00				
Total Concentration:				5,614.00				
Client ID : BHBY1								
P2634-17	BHBY1	Solid	(DEL) Alkane: Cyclic20.986	*	130.000	J		
P2634-17	BHBY1	Solid	13-Docosenamide, (Z)-	*	210.000	J		
P2634-17	BHBY1	Solid	n-Hexadecanoic acid	*	200.000	J		
P2634-17	BHBY1	Solid	Total Alkanes	*	130.000		52	190 ug/Kg
Total Tics :				670.00				
P2634-17	BHBY1	Solid	Benzo(a)anthracene		53.000	J	44	190 ug/Kg
P2634-17	BHBY1	Solid	Benzo(b)fluoranthene		76.000	J	55	190 ug/Kg
P2634-17	BHBY1	Solid	Chrysene		65.000	J	52	190 ug/Kg
P2634-17	BHBY1	Solid	Fluoranthene		98.000	J	51	190 ug/Kg
P2634-17	BHBY1	Solid	Pyrene		93.000	J	52	190 ug/Kg
Total Svoc :				385.00				
Total Concentration:				1,055.00				
Client ID : BHBY4								
P2634-20	BHBY4	Solid	1-Phenoxypropan-2-ol	*	83.000	J		
P2634-20	BHBY4	Solid	11H-Benzo[a]fluorene	*	77.000	J		
P2634-20	BHBY4	Solid	13-Docosenamide, (Z)-	*	100.000	J		
P2634-20	BHBY4	Solid	4H-Cyclopenta[def]phenanthrene	*	180.000	J		
P2634-20	BHBY4	Solid	9,10-Anthracenedione	*	84.000	J		
P2634-20	BHBY4	Solid	Benzo[e]pyrene	*	320.000	J		
P2634-20	BHBY4	Solid	Cyclopenta(def)phenanthrenone	*	81.000	J		
P2634-20	BHBY4	Solid	n-Hexadecanoic acid	*	340.000	J		
P2634-20	BHBY4	Solid	Pentadecafluorooctanoic acid, octa	*	160.000	J		
P2634-20	BHBY4	Solid	Phenanthrene, 2,5-dimethyl-	*	82.000	J		
P2634-20	BHBY4	Solid	Phenanthrene, 2-methyl-	*	79.000	J		
P2634-20	BHBY4	Solid	Propylene Glycol	*	78.000	J		
P2634-20	BHBY4	Solid	Total Alkanes	*	0.000		53	190 ug/Kg
Total Tics :				1,664.00				
P2634-20	BHBY4	Solid	Acenaphthene		58.000	J	57	190 ug/Kg
P2634-20	BHBY4	Solid	Anthracene		110.000	J	54	190 ug/Kg
P2634-20	BHBY4	Solid	Benzo(a)anthracene		460.000		45	190 ug/Kg
P2634-20	BHBY4	Solid	Benzo(a)pyrene		500.000		65	190 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2634-20	BHBY4	Solid	Benzo(b)fluoranthene	660.000		55	190	ug/Kg
P2634-20	BHBY4	Solid	Benzo(g,h,i)perylene	380.000		53	190	ug/Kg
P2634-20	BHBY4	Solid	Benzo(k)fluoranthene	270.000		66	190	ug/Kg
P2634-20	BHBY4	Solid	Chrysene	530.000		53	190	ug/Kg
P2634-20	BHBY4	Solid	Dibenzo(a,h)anthracene	85.000	J	59	190	ug/Kg
P2634-20	BHBY4	Solid	Fluoranthene	1,200.000		51	190	ug/Kg
P2634-20	BHBY4	Solid	Indeno(1,2,3-cd)pyrene	310.000		51	190	ug/Kg
P2634-20	BHBY4	Solid	Phenanthrene	610.000		61	190	ug/Kg
P2634-20	BHBY4	Solid	Pyrene	1,100.000		53	190	ug/Kg
Total Svoc :				6,273.00				
Total Concentration:				7,937.00				
Client ID : BHBY5								
P2634-21	BHBY5	Solid	(DEL) Alkane: Cyclic20.986	*	99.000	J		
P2634-21	BHBY5	Solid	13-Docosenamide, (Z)-	*	150.000	J		
P2634-21	BHBY5	Solid	Benzo[e]pyrene	*	83.000	J		
P2634-21	BHBY5	Solid	n-Hexadecanoic acid	*	150.000	J		
P2634-21	BHBY5	Solid	Total Alkanes	*	99.000		52	190 ug/Kg
Total Tics :				581.00				
P2634-21	BHBY5	Solid	Benzo(a)anthracene		200.000		44	190 ug/Kg
P2634-21	BHBY5	Solid	Benzo(a)pyrene		210.000		64	190 ug/Kg
P2634-21	BHBY5	Solid	Benzo(b)fluoranthene		280.000		54	190 ug/Kg
P2634-21	BHBY5	Solid	Benzo(g,h,i)perylene		140.000	J	52	190 ug/Kg
P2634-21	BHBY5	Solid	Benzo(k)fluoranthene		110.000	J	65	190 ug/Kg
P2634-21	BHBY5	Solid	Chrysene		220.000		52	190 ug/Kg
P2634-21	BHBY5	Solid	Fluoranthene		510.000		51	190 ug/Kg
P2634-21	BHBY5	Solid	Indeno(1,2,3-cd)pyrene		110.000	J	51	190 ug/Kg
P2634-21	BHBY5	Solid	Phenanthrene		280.000		60	190 ug/Kg
P2634-21	BHBY5	Solid	Pyrene		450.000		52	190 ug/Kg
Total Svoc :				2,510.00				
Total Concentration:				3,091.00				
Client ID : BHBS4								
P2647-10	BHBS4	Solid	(DEL) Alkane: Cyclic20.986	*	130.000	J		
P2647-10	BHBS4	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P2647-10	BHBS4	Solid	Phenanthrene, 1-methyl-	*	99.000	J		
P2647-10	BHBS4	Solid	Propylene Glycol	*	150.000	J		
P2647-10	BHBS4	Solid	Total Alkanes	*	130.000		56	210 ug/Kg
Total Tics :				649.00				
P2647-10	BHBS4	Solid	Anthracene		61.000	J	57	210 ug/Kg
P2647-10	BHBS4	Solid	Benzo(a)anthracene		200.000	J	47	210 ug/Kg
P2647-10	BHBS4	Solid	Benzo(a)pyrene		100.000	J	69	210 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2647-10	BHBS4	Solid	Benzo(b)fluoranthene	230.000		58	210	ug/Kg
P2647-10	BHBS4	Solid	Benzo(k)fluoranthene	93.000	J	70	210	ug/Kg
P2647-10	BHBS4	Solid	Bis(2-ethylhexyl)phthalate	67.000	J	52	210	ug/Kg
P2647-10	BHBS4	Solid	Chrysene	230.000		56	210	ug/Kg
P2647-10	BHBS4	Solid	Fluoranthene	420.000		54	210	ug/Kg
P2647-10	BHBS4	Solid	Indeno(1,2,3-cd)pyrene	80.000	J	54	210	ug/Kg
P2647-10	BHBS4	Solid	Phenanthrene	330.000		64	210	ug/Kg
P2647-10	BHBS4	Solid	Pyrene	320.000		56	210	ug/Kg
Total Svoc :				2,131.00				
Total Concentration:				2,780.00				
Client ID : BHBT0								
P2647-16	BHBT0	Solid	(DEL) Alkane: Straight-Chain20.5 *	190.000	J			
P2647-16	BHBT0	Solid	2,4,7,9-Tetramethyl-5-decyn-4,7-c *	290.000	J			
P2647-16	BHBT0	Solid	9-Octadecenoic acid (Z)-, methyl *	89.000	J			
P2647-16	BHBT0	Solid	Ethanol, 2-(2-ethoxyethoxy)- *	82.000	J			
P2647-16	BHBT0	Solid	n-Hexadecanoic acid *	290.000	J			
P2647-16	BHBT0	Solid	Total Alkanes *	190.000		52	190	ug/Kg
Total Tics :				1,131.00				
P2647-16	BHBT0	Solid	1-Methylnaphthalene	41.000	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	85.000	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	71.000	J	52	190	ug/Kg
P2647-16	BHBT0	Solid	Bis(2-ethylhexyl)phthalate	350.000		49	190	ug/Kg
P2647-16	BHBT0	Solid	Chrysene	110.000	J	52	190	ug/Kg
P2647-16	BHBT0	Solid	Fluoranthene	230.000		51	190	ug/Kg
P2647-16	BHBT0	Solid	Indeno(1,2,3-cd)pyrene	57.000	J	51	190	ug/Kg
P2647-16	BHBT0	Solid	Phenanthrene	130.000	J	60	190	ug/Kg
P2647-16	BHBT0	Solid	Pyrene	210.000		52	190	ug/Kg
Total Svoc :				1,488.00				
Total Concentration:				2,619.00				
Client ID : BHBT3								
P2647-19	BHBT3	Solid	(DEL) Alkane: Straight-Chain16.0 *	96.000	J			
P2647-19	BHBT3	Solid	1-Heptacosanol *	200.000	J			
P2647-19	BHBT3	Solid	1H-Cyclopropa[1]phenanthrene,1a *	160.000	J			
P2647-19	BHBT3	Solid	9,10-Anthracenedione *	80.000	J			
P2647-19	BHBT3	Solid	Anthracene, 2-methyl- *	81.000	J			
P2647-19	BHBT3	Solid	Cinnamyl cinnamate *	460.000	J			
P2647-19	BHBT3	Solid	Cyclopenta(def)phenanthrenone *	89.000	J			

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SDG No.: BN060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2647-19	BHBT3	Solid	Ethanol, 2-(tetradecyloxy)-	*	220.000	J		
P2647-19	BHBT3	Solid	n-Hexadecanoic acid	*	410.000	J		
P2647-19	BHBT3	Solid	Phenanthrene, 2,5-dimethyl-	*	120.000	J		
P2647-19	BHBT3	Solid	Phenanthrene, 2-methyl-	*	81.000	J		
P2647-19	BHBT3	Solid	Pyrene, 1-methyl-	*	120.000	J		
P2647-19	BHBT3	Solid	Tetradecane, 1-iodo-	*	130.000	J		
P2647-19	BHBT3	Solid	Total Alkanes	*	96.000		52	190 ug/Kg
Total Tics :				2,343.00				
P2647-19	BHBT3	Solid	1-Methylnaphthalene		46.000	J	21	190 ug/Kg
P2647-19	BHBT3	Solid	2-Methylnaphthalene		44.000	J	41	190 ug/Kg
P2647-19	BHBT3	Solid	Anthracene		69.000	J	53	190 ug/Kg
P2647-19	BHBT3	Solid	Benzo(a)anthracene		350.000		44	190 ug/Kg
P2647-19	BHBT3	Solid	Benzo(a)pyrene		220.000		64	190 ug/Kg
P2647-19	BHBT3	Solid	Benzo(b)fluoranthene		490.000		54	190 ug/Kg
P2647-19	BHBT3	Solid	Benzo(k)fluoranthene		160.000	J	65	190 ug/Kg
P2647-19	BHBT3	Solid	Bis(2-ethylhexyl)phthalate		180.000	J	48	190 ug/Kg
P2647-19	BHBT3	Solid	Chrysene		420.000		52	190 ug/Kg
P2647-19	BHBT3	Solid	Dibenzo(a,h)anthracene		75.000	J	58	190 ug/Kg
P2647-19	BHBT3	Solid	Fluoranthene		950.000		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		460.000		59	190 ug/Kg
P2647-19	BHBT3	Solid	Pyrene		710.000		52	190 ug/Kg
Total Svoc :				4,344.00				
Total Concentration:				6,687.00				
Client ID : BHBT4								
P2647-20	BHBT4	Solid	(DEL) Alkane: Straight-Chain20.5	*	250.000	J		
P2647-20	BHBT4	Solid	1,4-Naphthalenedione	*	75.000	J		
P2647-20	BHBT4	Solid	n-Hexadecanoic acid	*	250.000	J		
P2647-20	BHBT4	Solid	Total Alkanes	*	250.000		51	190 ug/Kg
Total Tics :				825.00				
P2647-20	BHBT4	Solid	Benzo(a)anthracene		67.000	J	43	190 ug/Kg
P2647-20	BHBT4	Solid	Benzo(a)pyrene		73.000	J	63	190 ug/Kg
P2647-20	BHBT4	Solid	Benzo(b)fluoranthene		100.000	J	53	190 ug/Kg
P2647-20	BHBT4	Solid	Benzo(g,h,i)perylene		61.000	J	51	190 ug/Kg
P2647-20	BHBT4	Solid	Chrysene		83.000	J	51	190 ug/Kg
P2647-20	BHBT4	Solid	Fluoranthene		180.000	J	50	190 ug/Kg
P2647-20	BHBT4	Solid	Phenanthrene		79.000	J	59	190 ug/Kg
P2647-20	BHBT4	Solid	Pyrene		170.000	J	51	190 ug/Kg
Total Svoc :				813.00				



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Hit Summary Sheet
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SDG No.: BN060624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:		1,638.00			



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN060624 SAS No.: BN060624 SDG NO.: BN060624

EPA Sample No.: SSTD020205 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 11:56

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	SBLK173	354125	7.67	1.44005e	10.45	866688	14.32
02	BH5S8DL2	465653	7.67	1.95552e	10.45	1.15268e	14.32
03	BHBY1	332384	7.67	1.392e+0	10.45	851555	14.32
04	BHBY4	314480	7.67	1.32123e	10.46	806292 *	14.32
05	BHBY5	372586	7.67	1.52918e	10.45	927901	14.32
06	BHBY0	355639	7.67	1.49823e	10.45	896846	14.32
07	BHBX0	406119	7.67	1.68911e	10.45	1.03176e	14.32
08	BHBX1	372530	7.67	1.5738e+	10.45	957652	14.32
09	BHBX6	387367	7.67	1.61955e	10.46	972863	14.32
10	SBLK227	425916	7.67	1.95752e	10.45	1.27618e	14.32
11	BHBW8	446814	7.67	1.84114e	10.45	1.08948e	14.32
12	BHBX4	377483	7.67	1.55308e	10.45	927899	14.32
13	BHBX5	396509	7.67	1.65299e	10.45	1.01464e	14.32
14	BHBX9	451972	7.67	1.88596e	10.46	1.10996e	14.32
15	BHBS4	482049	7.67	1.91561e	10.45	1.0504e+	14.32
16	BHBT0	399146	7.67	1.64281e	10.46	975730	14.32
17	BHBT3	372720	7.67	1.55057e	10.45	960297	14.32
18	BHBT4	423221	7.67	1.74586e	10.45	1.06559e	14.32
19	BHBW7	469076	7.67	1.94193e	10.45	1.14128e	14.32
20	BHBX2	482287	7.67	1.95956e	10.45	1.10355e	14.32
21	BHBX3	431209	7.67	1.77188e	10.46	1.05377e	14.32
22	BHBX0	398490	7.67	1.62532e	10.45	971883	14.32
23	SLCS173	386258	7.67	1.63642e	10.46	979408	14.32



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.: BN060624 SAS No.: BN060624 SDG NO.: BN060624

EPA Sample No.: SSTD020205 Date Analyzed: Jun 7 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 03:46

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.: BN060624 SAS No.: BN060624 SDG NO.: BN060624

EPA Sample No.: SSTD020276 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BN031813.D Time Analyzed: 11:56

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	504396	7.669	2.12282e+01	10.45	1.2482e+006	14.32
UPPER LIMIT	1008792	8.169	4245640	10.951	2496400	14.816
LOWER LIMIT	252198	7.169	1061410	9.951	624100	13.816
EPA SAMPLE NO.						
01 SBLK173	354125	7.67	1.44005e	10.45	866688	14.32
02 BH5S8DL2	465653	7.67	1.95552e	10.45	1.15268e	14.32
03 BHBY1	332384	7.67	1.392e+0	10.45	851555	14.32
04 BHBY4	314480	7.67	1.32123e	10.46	806292	14.32
05 BHBY5	372586	7.67	1.52918e	10.45	927901	14.32
06 BHBY0	355639	7.67	1.49823e	10.45	896846	14.32
07 BHBX0	406119	7.67	1.68911e	10.45	1.03176e	14.32
08 BHBX1	372530	7.67	1.5738e+	10.45	957652	14.32
09 BHBX6	387367	7.67	1.61955e	10.46	972863	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.: BN060624 SAS No.: BN060624 SDG NO.: BN060624

EPA Sample No.: SSTD020277 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BN031823.D Time Analyzed: 18:33

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	467120	7.669	1.99452e+01	10.46	1.21059e+001	14.32
UPPER LIMIT	934240	8.169	3989040	10.957	2421180	14.816
LOWER LIMIT	233560	7.169	997260	9.957	605295	13.816
EPA SAMPLE NO.						
01 SBLK227	425916	7.67	1.95752e	10.45	1.27618e	14.32
02 BHBW8	446814	7.67	1.84114e	10.45	1.08948e	14.32
03 BHBX4	377483	7.67	1.55308e	10.45	927899	14.32
04 BHBX5	396509	7.67	1.65299e	10.45	1.01464e	14.32
05 BHBX9	451972	7.67	1.88596e	10.46	1.10996e	14.32
06 BHBS4	482049	7.67	1.91561e	10.45	1.0504e+	14.32
07 BHBT0	399146	7.67	1.64281e	10.46	975730	14.32
08 BHBT3	372720	7.67	1.55057e	10.45	960297	14.32
09 BHBT4	423221	7.67	1.74586e	10.45	1.06559e	14.32
10 BHBW7	469076	7.67	1.94193e	10.45	1.14128e	14.32
11 BHBX2	482287	7.67	1.95956e	10.45	1.10355e	14.32
12 BHBX3	431209	7.67	1.77188e	10.46	1.05377e	14.32
13 BHBX0	398490	7.67	1.62532e	10.45	971883	14.32
14 SLCS173	386258	7.67	1.63642e	10.46	979408	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.: BN060624 SAS No.: BN060624 SDG NO.: BN060624

EPA Sample No.: SSTD020205 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 11:56

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	SBLK173	1.61229*	17.06	1.23551e+ *	21.30	1.34419e+ *	24.24
02	BH5S8DL2	2.39306	17.06	1.70029e+	21.30	1.76237e+ *	24.24
03	BHBY1	1.71169*	17.06	1.63779e+	21.30	1.56894e+ *	24.23
04	BHBY4	1.64404*	17.06	1.44402e+ *	21.30	1.22628e+ *	24.23
05	BHBY5	1.90412	17.06	1.7234e+0	21.30	1.50128e+ *	24.23
06	BHBY0	1.8459e	17.06	1.47897e+ *	21.30	1.3437e+0 *	24.23
07	BHBX0	2.05534	17.06	1.58009e+ *	21.30	1.43597e+ *	24.24
08	BHBX1	1.93842	17.06	1.63833e+	21.30	1.42429e+ *	24.23
09	BHBX6	1.95334	17.06	1.58968e+	21.30	1.39261e+ *	24.24
10	SBLK227	2.63532	17.06	2.20817e+	21.30	1.945e+00	24.24
11	BHBW8	2.20339	17.06	1.33989e+ *	21.30	1.50099e+ *	24.24
12	BHBX4	1.82363	17.06	1.13315e+ *	21.30	1.27031e+ *	24.23
13	BHBX5	2.06347	17.06	1.24217e+ *	21.30	1.42228e+ *	24.25
14	BHBX9	1.83881	17.06	1.27312e+ *	21.30	1.54401e+ *	24.24
15	BHBS4	1.82115	17.06	1.49103e+ *	21.30	1.89288e+	24.24
16	BHBT0	1.95879	17.06	1.2279e+0 *	21.30	1.35664e+ *	24.24
17	BHBT3	1.86334	17.06	1.13187e+ *	21.30	1.28073e+ *	24.24
18	BHBT4	2.10763	17.06	1.28764e+ *	21.30	1.43367e+ *	24.23
19	BHBW7	2.12192	17.06	1.35862e+ *	21.30	1.6707e+0 *	24.23
20	BHBX2	1.89903	17.06	1.4116e+0 *	21.30	1.7899e+0	24.25
21	BHBX3	1.96666	17.06	1.16701e+ *	21.30	1.43679e+ *	24.25

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN060624 SAS No.: BN060624 SDG NO.: BN060624

EPA Sample No.: SSTD020205 Date Analyzed: Jun 7 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 03:07

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.						
22 BHBX0	1.80082	17.06	1.1235e+0 *	21.30	1.37168e+ *	24.23
23 SLCS173	1.90544	17.06	1.14466e+ *	21.30	1.30675e+ *	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 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.: BN060624 SAS No.: BN060624 SDG NO.: BN060624

EPA Sample No.: SSTD020276 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BN031813.D Time Analyzed: 11:56

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	2.40907e+01	17.063	1.81683e+	21.298	1.91574e+01	24.239
UPPER LIMIT	4818140	17.563	3633660	21.798	3831480	24.739
LOWER LIMIT	1204535	16.563	908415	20.798	957870	23.739
EPA SAMPLE NO.						
01 SBLK173	1.61229	17.06	1.23551e+	21.30	1.34419e+	24.24
02 BH5S8DL2	2.39306	17.06	1.70029e+	21.30	1.76237e+	24.24
03 BHBY1	1.71169	17.06	1.63779e+	21.30	1.56894e+	24.23
04 BHBY4	1.64404	17.06	1.44402e+	21.30	1.22628e+	24.23
05 BHBY5	1.90412	17.06	1.7234e+0	21.30	1.50128e+	24.23
06 BHBY0	1.8459e	17.06	1.47897e+	21.30	1.3437e+0	24.23
07 BHBX0	2.05534	17.06	1.58009e+	21.30	1.43597e+	24.24
08 BHBX1	1.93842	17.06	1.63833e+	21.30	1.42429e+	24.23
09 BHBX6	1.95334	17.06	1.58968e+	21.30	1.39261e+	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 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.: BN060624 SAS No.: BN060624 SDG NO.: BN060624

EPA Sample No.: SSTD020277 Date Analyzed: Jun 6 2024 12:00AM

Lab File ID: BN031823.D Time Analyzed: 18:33

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	2.49293e+01	17.063	2.11033e+	21.304	1.80524e+01	24.233
UPPER LIMIT	4985860	17.563	4220660	21.804	3610480	24.733
LOWER LIMIT	1246465	16.563	1055165	20.804	902620	23.733
EPA SAMPLE NO.						
01 SBLK227	2.63532	17.06	2.20817e+	21.30	1.945e+00	24.24
02 BHBW8	2.20339	17.06	1.33989e+	21.30	1.50099e+	24.24
03 BHBX4	1.82363	17.06	1.13315e+	21.30	1.27031e+	24.23
04 BHBX5	2.06347	17.06	1.24217e+	21.30	1.42228e+	24.25
05 BHBX9	1.83881	17.06	1.27312e+	21.30	1.54401e+	24.24
06 BHBS4	1.82115	17.06	1.49103e+	21.30	1.89288e+	24.24
07 BHBT0	1.95879	17.06	1.2279e+0	21.30	1.35664e+	24.24
08 BHBT3	1.86334	17.06	1.13187e+	21.30	1.28073e+	24.24
09 BHBT4	2.10763	17.06	1.28764e+	21.30	1.43367e+	24.23
10 BHBW7	2.12192	17.06	1.35862e+	21.30	1.6707e+0	24.23
11 BHBX2	1.89903	17.06	1.4116e+0	21.30	1.7899e+0	24.25
12 BHBX3	1.96666	17.06	1.16701e+	21.30	1.43679e+	24.25
13 BHBX0	1.80082	17.06	1.1235e+0	21.30	1.37168e+	24.23
14 SLCS173	1.90544	17.06	1.14466e+	21.30	1.30675e+	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 UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN060624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161173BS	1,4-Dioxane	530	470	ug/Kg	89				0	0	
	Benzaldehyde	1300	1500	ug/Kg	115				0	0	
	Pyridine	1300	1200	ug/Kg	92				0	0	
	Phenol	1300	1300	ug/Kg	100				0	0	
	Bis(2-chloroethyl)ether	1300	1200	ug/Kg	92				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	1200	ug/Kg	92				0	0	
	4-Methylphenol	1300	1200	ug/Kg	92				0	0	
	N-Nitroso-di-n-propylamine	1300	1100	ug/Kg	85				0	0	
	Hexachloroethane	1300	1200	ug/Kg	92				0	0	
	Nitrobenzene	1300	1200	ug/Kg	92				0	0	
	Isophorone	1300	1100	ug/Kg	85				0	0	
	2-Nitrophenol	1300	1300	ug/Kg	100				0	0	
	2,4-Dimethylphenol	1300	950	ug/Kg	73				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	640	ug/Kg	49				0	0	
	2,4,6-Trichlorophenol	1300	1300	ug/Kg	100				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	1300	ug/Kg	100				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	1400	ug/Kg	108				0	0	
	Acenaphthene	1300	1200	ug/Kg	92				0	0	
	2,4-Dinitrophenol	1300	1200	ug/Kg	92				0	0	
	4-Nitrophenol	1300	1300	ug/Kg	100				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	1300	ug/Kg	100				0	0	
	4-Chlorophenyl-phenylether	1300	1200	ug/Kg	92				0	0	
	4-Nitroaniline	1300	1600	ug/Kg	123				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN060624

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	1300	ug/Kg	100				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	1400	ug/Kg	108				0	0		
	Anthracene	1300	1300	ug/Kg	100				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1400	ug/Kg	108				0	0		
	Carbazole	1300	1400	ug/Kg	108				0	0		
	Di-n-butylphthalate	1300	1300	ug/Kg	100				0	0		
	Fluoranthene	1300	1700	ug/Kg	131				0	0		
	Pyrene	1300	1600	ug/Kg	123				0	0		
	Butylbenzylphthalate	1300	1600	ug/Kg	123				0	0		
	3,3'-Dichlorobenzidine	1300	1400	ug/Kg	108				0	0		
	Benzo(a)anthracene	1300	1300	ug/Kg	100				0	0		
	Chrysene	1300	1300	ug/Kg	100				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1500	ug/Kg	115				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	1500	ug/Kg	115				0	0		
	Dibenzo(a,h)anthracene	1300	1500	ug/Kg	115				0	0		
	Benzo(g,h,i)perylene	1300	1400	ug/Kg	108				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1300	ug/Kg	100				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK173

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN060624

SAS No.: BN060624 SDG NO.: BN060624

Lab File ID: BN031814.D

Lab Sample ID: PB161173BL

Instrument ID: BNA_N

Date Extracted: 05/29/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/06/2024

Level: (low/med) LOW

Time Analyzed: 11:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHBY1	P2634-17	BN031816.D	06/06/2024
BHBY4	P2634-20	BN031817.D	06/06/2024
BHBY5	P2634-21	BN031818.D	06/06/2024
BHBY0	P2634-16	BN031819.D	06/06/2024
BHBX0	P2634-06	BN031820.D	06/06/2024
BHBX1	P2634-07	BN031821.D	06/06/2024
BHBX6	P2634-12	BN031822.D	06/06/2024
BHBW8	P2634-02	BN031825.D	06/06/2024
BHBX4	P2634-10	BN031826.D	06/06/2024
BHBX5	P2634-11	BN031827.D	06/06/2024
BHBX9	P2634-15	BN031828.D	06/06/2024
BHBW7	P2634-01	BN031833.D	06/07/2024
BHBX2	P2634-08	BN031834.D	06/07/2024
BHBX3	P2634-09	BN031835.D	06/07/2024
BHBX0	P2634-06	BN031837.D	06/07/2024
PB161173BS	PB161173BS	BN031838.D	06/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK227

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN060624

SAS No.: BN060624 SDG NO.: BN060624

Lab File ID: BN031824.D

Lab Sample ID: PB161227BL

Instrument ID: BNA_N

Date Extracted: 05/31/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/06/2024

Level: (low/med) LOW

Time Analyzed: 18:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHBS4	P2647-10	BN031829.D	06/06/2024
BHBT0	P2647-16	BN031830.D	06/06/2024
BHBT3	P2647-19	BN031831.D	06/06/2024
BHBT4	P2647-20	BN031832.D	06/06/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN060624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2634-01	BHBW7	BN031833.D	1,4-Dioxane-d8	8	4.25	53		15	120
			Pyridine-d5	40	12.46	31		20	120
			Phenol-d5	40	24.62	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.33	58		10	150
			2-Chlorophenol-d4	40	25.53	64		15	120
			4-Methylphenol-d8	40	22.27	56		10	140
			Nitrobenzene-d5	40	26.63	67		10	135
			2-Nitrophenol-d4	40	27.30	68		10	120
			2,4-Dichlorophenol-d3	40	24.68	62		10	140
			4-Chloroaniline-d4	40	14.59	36		1	145
			Dimethylphthalate-d6	40	25.89	65		10	145
			Acenaphthylene-d8	40	26.77	67		15	120
			4-Nitrophenol-d4	40	22.65	57		10	150
			Fluorene-d10	40	25.81	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.47	49		10	130
			Anthracene-d10	40	27.45	69		10	150
			Pyrene-d10	40	29.34	73		10	130
			Benzo(a)pyrene-d12	40	20.60	51		10	140
P2634-02	BHBW8	BN031825.D	Pyridine-d5	40	22.43	56		20	120
			1,4-Dioxane-d8	8	5.22	65		15	120
			Phenol-d5	40	27.68	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.71	67		10	150
			2-Chlorophenol-d4	40	28.94	72		15	120
			4-Methylphenol-d8	40	25.95	65		10	140
			Nitrobenzene-d5	40	29.88	75		10	135
			2-Nitrophenol-d4	40	30.45	76		10	120
			2,4-Dichlorophenol-d3	40	27.84	70		10	140
			4-Chloroaniline-d4	40	22.16	55		1	145
			Dimethylphthalate-d6	40	27.86	70		10	145
			Acenaphthylene-d8	40	28.97	72		15	120
			4-Nitrophenol-d4	40	23.76	59		10	150
			Fluorene-d10	40	28.55	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.95	57		10	130
			Anthracene-d10	40	28.92	72		10	150
			Pyrene-d10	40	37.97	95		10	130
			Benzo(a)pyrene-d12	40	28.49	71		10	140
P2634-06	BHBX0	BN031837.D	1,4-Dioxane-d8	8	5.28	66		15	120
			Pyridine-d5	40	21.12	53		20	120
		BN031820.D	1,4-Dioxane-d8	8	4.75	59		15	120
			Pyridine-d5	40	22.01	55		20	120
		BN031837.D	Phenol-d5	40	27.32	68		10	130
			Phenol-d5	40	32.23	81		10	130
		BN031820.D	Bis(2-Chloroethyl)ether-d8	40	29.72	74		10	150
			Bis(2-Chloroethyl)ether-d8	40	25.67	64		10	150
		BN031837.D	2-Chlorophenol-d4	40	27.89	70		15	120
			2-Chlorophenol-d4	40	32.68	82		15	120
		BN031820.D	4-Methylphenol-d8	40	31.06	78		10	140
			4-Methylphenol-d8	40	26.61	67		10	140
			Nitrobenzene-d5	40	28.22	71		10	135

Surrogate Summary

SW-846

SDG No.: BN060624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2634-06	BHBX0	BN031837.D	Nitrobenzene-d5	40	34.36	86		10	135
			2-Nitrophenol-d4	40	35.98	90		10	120
		BN031820.D	2-Nitrophenol-d4	40	29.05	73		10	120
			2,4-Dichlorophenol-d3	40	26.83	67		10	140
		BN031837.D	2,4-Dichlorophenol-d3	40	32.51	81		10	140
			4-Chloroaniline-d4	40	29.61	74		1	145
		BN031820.D	4-Chloroaniline-d4	40	24.46	61		1	145
			Dimethylphthalate-d6	40	26.09	65		10	145
		BN031837.D	Dimethylphthalate-d6	40	32.07	80		10	145
			Acenaphthylene-d8	40	33.62	84		15	120
		BN031820.D	Acenaphthylene-d8	40	27.63	69		15	120
			4-Nitrophenol-d4	40	24.58	61		10	150
		BN031837.D	4-Nitrophenol-d4	40	28.85	72		10	150
			Fluorene-d10	40	32.49	81		20	140
		BN031820.D	Fluorene-d10	40	26.80	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.41	56		10	130
		BN031837.D	4,6-Dinitro-2-methylphenol-d2	40	24.60	61		10	130
			Anthracene-d10	40	34.32	86		10	150
		BN031820.D	Anthracene-d10	40	27.63	69		10	150
			Pyrene-d10	40	33.40	83		10	130
		BN031837.D	Pyrene-d10	40	40.18	100		10	130
			Benzo(a)pyrene-d12	40	32.74	82		10	140
		BN031820.D	Benzo(a)pyrene-d12	40	27.44	69		10	140
P2634-07	BHBX1	BN031821.D	1,4-Dioxane-d8	8	4.90	61		15	120
			Pyridine-d5	40	22.83	57		20	120
			Phenol-d5	40	27.78	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.00	65		10	150
			2-Chlorophenol-d4	40	27.99	70		15	120
			4-Methylphenol-d8	40	27.04	68		10	140
			Nitrobenzene-d5	40	28.40	71		10	135
			2-Nitrophenol-d4	40	29.34	73		10	120
			2,4-Dichlorophenol-d3	40	27.28	68		10	140
			4-Chloroaniline-d4	40	26.82	67		1	145
			Dimethylphthalate-d6	40	27.97	70		10	145
			Acenaphthylene-d8	40	29.03	73		15	120
			4-Nitrophenol-d4	40	26.68	67		10	150
			Fluorene-d10	40	28.14	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.16	58		10	130
			Anthracene-d10	40	28.58	71		10	150
			Pyrene-d10	40	33.38	83		10	130
			Benzo(a)pyrene-d12	40	29.41	74		10	140
P2634-08	BHBX2	BN031834.D	1,4-Dioxane-d8	8	5.01	63		15	120
			Pyridine-d5	40	6.20	16	*	20	120
			Phenol-d5	40	28.77	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.73	69		10	150
			2-Chlorophenol-d4	40	30.30	76		15	120
			4-Methylphenol-d8	40	25.17	63		10	140
			Nitrobenzene-d5	40	31.45	79		10	135
			2-Nitrophenol-d4	40	32.69	82		10	120

Surrogate Summary

SW-846

SDG No.: **BN060624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2634-08	BHBX2	BN031834.D	2,4-Dichlorophenol-d3	40	29.30	73		10	140
			4-Chloroaniline-d4	40	9.83	25		1	145
			Dimethylphthalate-d6	40	30.23	76		10	145
			Acenaphthylene-d8	40	31.43	79		15	120
			4-Nitrophenol-d4	40	19.45	49		10	150
			Fluorene-d10	40	30.13	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.20	53		10	130
			Anthracene-d10	40	31.10	78		10	150
			Pyrene-d10	40	30.48	76		10	130
			Benzo(a)pyrene-d12	40	22.75	57		10	140
P2634-09	BHBX3	BN031835.D	1,4-Dioxane-d8	8	4.54	57		15	120
			Pyridine-d5	40	10.01	25		20	120
			Phenol-d5	40	28.20	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.29	66		10	150
			2-Chlorophenol-d4	40	29.04	73		15	120
			4-Methylphenol-d8	40	26.38	66		10	140
			Nitrobenzene-d5	40	30.58	76		10	135
			2-Nitrophenol-d4	40	32.15	80		10	120
			2,4-Dichlorophenol-d3	40	29.62	74		10	140
			4-Chloroaniline-d4	40	14.17	35		1	145
			Dimethylphthalate-d6	40	30.43	76		10	145
			Acenaphthylene-d8	40	31.62	79		15	120
			4-Nitrophenol-d4	40	26.38	66		10	150
			Fluorene-d10	40	31.01	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.71	52		10	130
			Anthracene-d10	40	33.21	83		10	150
			Pyrene-d10	40	36.47	91		10	130
			Benzo(a)pyrene-d12	40	24.65	62		10	140
P2634-10	BHBX4	BN031826.D	1,4-Dioxane-d8	8	6.50	81		15	120
			Pyridine-d5	40	29.60	74		20	120
			Phenol-d5	40	34.61	87		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.22	83		10	150
			2-Chlorophenol-d4	40	35.96	90		15	120
			4-Methylphenol-d8	40	31.44	79		10	140
			Nitrobenzene-d5	40	37.19	93		10	135
			2-Nitrophenol-d4	40	38.18	95		10	120
			2,4-Dichlorophenol-d3	40	34.46	86		10	140
			4-Chloroaniline-d4	40	24.83	62		1	145
			Dimethylphthalate-d6	40	33.03	83		10	145
			Acenaphthylene-d8	40	35.35	88		15	120
			4-Nitrophenol-d4	40	30.35	76		10	150
			Fluorene-d10	40	34.63	87		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.58	71		10	130
			Anthracene-d10	40	35.76	89		10	150
			Pyrene-d10	40	45.37	113		10	130
			Benzo(a)pyrene-d12	40	36.41	91		10	140
P2634-11	BHBX5	BN031827.D	1,4-Dioxane-d8	8	5.79	72		15	120
			Pyridine-d5	40	23.95	60		20	120
			Phenol-d5	40	32.37	81		10	130

Surrogate Summary

SW-846

SDG No.: BN060624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2634-11	BHBX5	BN031827.D	Bis(2-Chloroethyl)ether-d8	40	31.07	78		10	150
			2-Chlorophenol-d4	40	33.79	84		15	120
			4-Methylphenol-d8	40	27.85	70		10	140
			Nitrobenzene-d5	40	34.55	86		10	135
			2-Nitrophenol-d4	40	35.75	89		10	120
			2,4-Dichlorophenol-d3	40	32.74	82		10	140
			4-Chloroaniline-d4	40	24.20	61		1	145
			Dimethylphthalate-d6	40	31.36	78		10	145
			Acenaphthylene-d8	40	33.89	85		15	120
			4-Nitrophenol-d4	40	29.14	73		10	150
			Fluorene-d10	40	32.67	82		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.20	65		10	130
			Anthracene-d10	40	34.24	86		10	150
			Pyrene-d10	40	44.67	112		10	130
			Benzo(a)pyrene-d12	40	32.89	82		10	140
P2634-12	BHBX6	BN031822.D	Pyridine-d5	40	7.07	18	*	20	120
			1,4-Dioxane-d8	8	4.01	50		15	120
			Phenol-d5	40	22.02	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.25	53		10	150
			2-Chlorophenol-d4	40	22.64	57		15	120
			4-Methylphenol-d8	40	19.28	48		10	140
			Nitrobenzene-d5	40	23.32	58		10	135
			2-Nitrophenol-d4	40	23.89	60		10	120
			2,4-Dichlorophenol-d3	40	21.90	55		10	140
			4-Chloroaniline-d4	40	16.13	40		1	145
			Dimethylphthalate-d6	40	23.32	58		10	145
			Acenaphthylene-d8	40	23.89	60		15	120
			4-Nitrophenol-d4	40	18.63	47		10	150
			Fluorene-d10	40	23.69	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.37	46		10	130
			Anthracene-d10	40	23.57	59		10	150
			Pyrene-d10	40	28.26	71		10	130
P2634-15	BHBX9	BN031828.D	Benzo(a)pyrene-d12	40	24.49	61		10	140
			1,4-Dioxane-d8	8	4.72	59		15	120
			Pyridine-d5	40	7.86	20		20	120
			Phenol-d5	40	27.07	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.62	64		10	150
			2-Chlorophenol-d4	40	28.07	70		15	120
			4-Methylphenol-d8	40	23.03	58		10	140
			Nitrobenzene-d5	40	29.01	73		10	135
			2-Nitrophenol-d4	40	29.92	75		10	120
			2,4-Dichlorophenol-d3	40	28.43	71		10	140
			4-Chloroaniline-d4	40	8.83	22		1	145
			Dimethylphthalate-d6	40	29.73	74		10	145
			Acenaphthylene-d8	40	30.53	76		15	120
			4-Nitrophenol-d4	40	18.97	47		10	150
			Fluorene-d10	40	29.68	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.19	60		10	130
			Anthracene-d10	40	31.58	79		10	150

Surrogate Summary

SW-846

SDG No.: **BN060624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2634-15	BHBX9	BN031828.D	Pyrene-d10	40	32.85	82		10	130
			Benzo(a)pyrene-d12	40	24.27	61		10	140
P2634-16	BHBY0	BN031819.D	Pyridine-d5	40	6.35	16	*	20	120
			1,4-Dioxane-d8	8	5.21	65		15	120
			Phenol-d5	40	28.55	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.59	69		10	150
			2-Chlorophenol-d4	40	29.80	74		15	120
			4-Methylphenol-d8	40	24.32	61		10	140
			Nitrobenzene-d5	40	29.99	75		10	135
			2-Nitrophenol-d4	40	30.43	76		10	120
			2,4-Dichlorophenol-d3	40	28.74	72		10	140
			4-Chloroaniline-d4	40	15.06	38		1	145
			Dimethylphthalate-d6	40	30.02	75		10	145
			Acenaphthylene-d8	40	30.61	77		15	120
			4-Nitrophenol-d4	40	25.37	63		10	150
			Fluorene-d10	40	31.86	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.07	65		10	130
			Anthracene-d10	40	32.68	82		10	150
			Pyrene-d10	40	35.70	89		10	130
			Benzo(a)pyrene-d12	40	24.30	61		10	140
P2634-17	BHBY1	BN031816.D	1,4-Dioxane-d8	8	4.67	58		15	120
			Pyridine-d5	40	19.03	48		20	120
			Phenol-d5	40	24.41	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.07	60		10	150
			2-Chlorophenol-d4	40	25.75	64		15	120
			4-Methylphenol-d8	40	21.69	54		10	140
			Nitrobenzene-d5	40	26.71	67		10	135
			2-Nitrophenol-d4	40	26.75	67		10	120
			2,4-Dichlorophenol-d3	40	25.03	63		10	140
			4-Chloroaniline-d4	40	22.87	57		1	145
			Dimethylphthalate-d6	40	25.54	64		10	145
			Acenaphthylene-d8	40	26.71	67		15	120
			4-Nitrophenol-d4	40	22.59	56		10	150
			Fluorene-d10	40	26.14	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.38	53		10	130
			Anthracene-d10	40	25.65	64		10	150
			Pyrene-d10	40	27.29	68		10	130
			Benzo(a)pyrene-d12	40	26.43	66		10	140
P2634-20	BHBY4	BN031817.D	1,4-Dioxane-d8	8	5.81	73		15	120
			Pyridine-d5	40	25.82	65		20	120
			Phenol-d5	40	29.61	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.17	73		10	150
			2-Chlorophenol-d4	40	31.48	79		15	120
			4-Methylphenol-d8	40	27.66	69		10	140
			Nitrobenzene-d5	40	32.14	80		10	135
			2-Nitrophenol-d4	40	32.54	81		10	120
			2,4-Dichlorophenol-d3	40	30.16	75		10	140
			4-Chloroaniline-d4	40	27.33	68		1	145
			Dimethylphthalate-d6	40	30.29	76		10	145

Surrogate Summary

SW-846

SDG No.: **BN060624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2634-20	BHBY4	BN031817.D	Acenaphthylene-d8	40	31.89	80		15	120
			4-Nitrophenol-d4	40	27.30	68		10	150
			Fluorene-d10	40	31.69	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.31	66		10	130
			Anthracene-d10	40	32.25	81		10	150
			Pyrene-d10	40	34.46	86		10	130
			Benzo(a)pyrene-d12	40	32.14	80		10	140
P2634-21	BHBY5	BN031818.D	1,4-Dioxane-d8	8	3.35	42		15	120
			Pyridine-d5	40	14.95	37		20	120
			Phenol-d5	40	17.67	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.24	43		10	150
			2-Chlorophenol-d4	40	18.65	47		15	120
			4-Methylphenol-d8	40	16.43	41		10	140
			Nitrobenzene-d5	40	19.54	49		10	135
			2-Nitrophenol-d4	40	19.86	50		10	120
			2,4-Dichlorophenol-d3	40	18.93	47		10	140
			4-Chloroaniline-d4	40	17.62	44		1	145
			Dimethylphthalate-d6	40	20.19	50		10	145
			Acenaphthylene-d8	40	21.07	53		15	120
			4-Nitrophenol-d4	40	17.30	43		10	150
			Fluorene-d10	40	20.67	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.84	40		10	130
			Anthracene-d10	40	19.79	49		10	150
			Pyrene-d10	40	22.13	55		10	130
			Benzo(a)pyrene-d12	40	20.35	51		10	140
PB161173BL	PB161173BL	BN031814.D	1,4-Dioxane-d8	8	6.98	87		15	120
			Pyridine-d5	40	34.44	86		20	120
			Phenol-d5	40	34.12	85		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.65	84		10	150
			2-Chlorophenol-d4	40	35.94	90		15	120
			4-Methylphenol-d8	40	33.20	83		10	140
			Nitrobenzene-d5	40	37.59	94		10	135
			2-Nitrophenol-d4	40	38.56	96		10	120
			2,4-Dichlorophenol-d3	40	34.06	85		10	140
			4-Chloroaniline-d4	40	35.81	90		1	145
			Dimethylphthalate-d6	40	35.45	89		10	145
			Acenaphthylene-d8	40	36.15	90		15	120
			4-Nitrophenol-d4	40	31.18	78		10	150
			Fluorene-d10	40	33.68	84		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.76	79		10	130
			Anthracene-d10	40	38.23	96		10	150
			Pyrene-d10	40	40.66	102		10	130
			Benzo(a)pyrene-d12	40	38.60	97		10	140
PB161173BS	PB161173BS	BN031838.D	1,4-Dioxane-d8	8	6.75	84		15	120
			Pyridine-d5	40	34.77	87		20	120
			Phenol-d5	40	36.96	92		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.10	85		10	150
			2-Chlorophenol-d4	40	38.42	96		15	120
			4-Methylphenol-d8	40	33.99	85		10	140



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Surrogate Summary

SW-846

SDG No.: BN060624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161173BS	PB161173BS	BN031838.D	Nitrobenzene-d5	40	38.12	95		10	135
			2-Nitrophenol-d4	40	40.19	100		10	120
			2,4-Dichlorophenol-d3	40	36.86	92		10	140
			4-Chloroaniline-d4	40	34.57	86		1	145
			Dimethylphthalate-d6	40	35.55	89		10	145
			Acenaphthylene-d8	40	36.82	92		15	120
			4-Nitrophenol-d4	40	36.96	92		10	150
			Fluorene-d10	40	35.34	88		20	140
			4,6-Dinitro-2-methylphenol-d2	40	36.97	92		10	130
			Anthracene-d10	40	36.97	92		10	150
			Pyrene-d10	40	45.76	114		10	130
			Benzo(a)pyrene-d12	40	38.25	96		10	140

Surrogate Summary

SW-846

SDG No.: BN060624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2591-05DL2	BH5S8DL2	BN031815.D	1,4-Dioxane-d8	8	5.79	72		15	120
			Pyridine-d5	40	12.96	32		20	120
			Phenol-d5	40	33.48	84		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.69	84		10	150
			2-Chlorophenol-d4	40	34.80	87		15	120
			4-Methylphenol-d8	40	32.64	82		10	140
			Nitrobenzene-d5	40	32.58	81		10	135
			2-Nitrophenol-d4	40	30.81	77		10	120
			2,4-Dichlorophenol-d3	40	31.86	80		10	140
			4-Chloroaniline-d4	40	16.20	41		1	145
			Dimethylphthalate-d6	40	38.34	96		10	145
			Acenaphthylene-d8	40	37.32	93		15	120
			4-Nitrophenol-d4	40	22.86	57		10	150
			Fluorene-d10	40	40.50	101		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	40.35	101		10	150
			Pyrene-d10	40	45.54	114		10	130
			Benzo(a)pyrene-d12	40	27.06	68		10	140

Surrogate Summary

SW-846

SDG No.: BN060624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2647-10	BHBS4	BN031829.D	1,4-Dioxane-d8	8	3.71	46		15	120
			Pyridine-d5	40	8.46	21		20	120
			Phenol-d5	40	19.74	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.84	50		10	150
			2-Chlorophenol-d4	40	21.55	54		15	120
			4-Methylphenol-d8	40	16.47	41		10	140
			Nitrobenzene-d5	40	22.64	57		10	135
			2-Nitrophenol-d4	40	22.81	57		10	120
			2,4-Dichlorophenol-d3	40	20.32	51		10	140
			4-Chloroaniline-d4	40	11.04	28		1	145
			Dimethylphthalate-d6	40	20.59	51		10	145
			Acenaphthylene-d8	40	21.62	54		15	120
			4-Nitrophenol-d4	40	16.35	41		10	150
			Fluorene-d10	40	20.30	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.45	39		10	130
			Anthracene-d10	40	23.30	58		10	150
			Pyrene-d10	40	21.52	54		10	130
			Benzo(a)pyrene-d12	40	16.18	40		10	140
P2647-16	BHBT0	BN031830.D	1,4-Dioxane-d8	8	4.69	59		15	120
			Pyridine-d5	40	22.01	55		20	120
			Phenol-d5	40	26.84	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.24	63		10	150
			2-Chlorophenol-d4	40	27.62	69		15	120
			4-Methylphenol-d8	40	24.65	62		10	140
			Nitrobenzene-d5	40	28.48	71		10	135
			2-Nitrophenol-d4	40	29.21	73		10	120
			2,4-Dichlorophenol-d3	40	26.95	67		10	140
			4-Chloroaniline-d4	40	24.06	60		1	145
			Dimethylphthalate-d6	40	27.00	67		10	145
			Acenaphthylene-d8	40	29.02	73		15	120
			4-Nitrophenol-d4	40	25.95	65		10	150
			Fluorene-d10	40	27.67	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.86	45		10	130
			Anthracene-d10	40	28.57	71		10	150
			Pyrene-d10	40	36.32	91		10	130
			Benzo(a)pyrene-d12	40	27.54	69		10	140
P2647-19	BHBT3	BN031831.D	1,4-Dioxane-d8	8	3.70	46		15	120
			Pyridine-d5	40	6.57	16	*	20	120
			Phenol-d5	40	23.61	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.83	55		10	150
			2-Chlorophenol-d4	40	24.51	61		15	120
			4-Methylphenol-d8	40	21.20	53		10	140
			Nitrobenzene-d5	40	24.49	61		10	135
			2-Nitrophenol-d4	40	24.76	62		10	120
			2,4-Dichlorophenol-d3	40	23.78	59		10	140
			4-Chloroaniline-d4	40	10.49	26		1	145
			Dimethylphthalate-d6	40	23.80	59		10	145
			Acenaphthylene-d8	40	24.62	62		15	120
			4-Nitrophenol-d4	40	20.12	50		10	150

Surrogate Summary

SW-846

SDG No.: **BN060624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2647-19	BHBT3	BN031831.D	Fluorene-d10	40	25.14	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.32	38		10	130
			Anthracene-d10	40	25.74	64		10	150
			Pyrene-d10	40	29.08	73		10	130
			Benzo(a)pyrene-d12	40	17.34	43		10	140
P2647-20	BHBT4	BN031832.D	1,4-Dioxane-d8	8	4.33	54		15	120
			Pyridine-d5	40	14.80	37		20	120
			Phenol-d5	40	25.30	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.62	59		10	150
			2-Chlorophenol-d4	40	26.17	65		15	120
			4-Methylphenol-d8	40	23.81	60		10	140
			Nitrobenzene-d5	40	26.61	67		10	135
			2-Nitrophenol-d4	40	27.49	69		10	120
			2,4-Dichlorophenol-d3	40	25.36	63		10	140
			4-Chloroaniline-d4	40	21.21	53		1	145
			Dimethylphthalate-d6	40	24.29	61		10	145
			Acenaphthylene-d8	40	25.81	65		15	120
			4-Nitrophenol-d4	40	23.14	58		10	150
			Fluorene-d10	40	26.40	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.60	44		10	130
			Anthracene-d10	40	26.17	65		10	150
			Pyrene-d10	40	32.72	82		10	130
			Benzo(a)pyrene-d12	40	25.63	64		10	140
PB161227BL	PB161227BL	BN031824.D	1,4-Dioxane-d8	8	4.52	56		15	120
			Pyridine-d5	40	22.56	56		20	120
			Phenol-d5	40	23.18	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.41	56		10	150
			2-Chlorophenol-d4	40	23.90	60		15	120
			4-Methylphenol-d8	40	22.58	56		10	140
			Nitrobenzene-d5	40	22.27	56		10	135
			2-Nitrophenol-d4	40	22.48	56		10	120
			2,4-Dichlorophenol-d3	40	20.73	52		10	140
			4-Chloroaniline-d4	40	21.74	54		1	145
			Dimethylphthalate-d6	40	20.25	51		10	145
			Acenaphthylene-d8	40	20.63	52		15	120
			4-Nitrophenol-d4	40	19.59	49		10	150
			Fluorene-d10	40	20.55	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.63	42		10	130
			Anthracene-d10	40	21.71	54		10	150
			Pyrene-d10	40	24.00	60		10	130
			Benzo(a)pyrene-d12	40	21.46	54		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN060624

Lab Code: CHEM

SAS No.: BN060624

SDG NO.: BN060624

Lab File ID: BN031812.D

DFTPP Injection Date: 06/06/2024

Instrument ID: BNA_N

DFTPP Injection Time: 10:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	35.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.3
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	24.7
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	64.7
443	15.0 - 24.0% of mass 442	11.2 (17.3) 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
SSTD020276	SSTDCCC020	BN031813.D	06/06/2024	11:16
SBLK173	PB161173BL	BN031814.D	06/06/2024	11:56
BH5S8DL2	P2591-05DL2	BN031815.D	06/06/2024	12:36
BHBY1	P2634-17	BN031816.D	06/06/2024	13:15
BHBY4	P2634-20	BN031817.D	06/06/2024	13:55
BHBY5	P2634-21	BN031818.D	06/06/2024	14:35
BHBY0	P2634-16	BN031819.D	06/06/2024	15:15
BHBX0	P2634-06	BN031820.D	06/06/2024	15:55
BHBX1	P2634-07	BN031821.D	06/06/2024	16:34
BHBX6	P2634-12	BN031822.D	06/06/2024	17:14
SSTD020277	SSTDCCC020EC	BN031823.D	06/06/2024	17:53
SBLK227	PB161227BL	BN031824.D	06/06/2024	18:33
BHBW8	P2634-02	BN031825.D	06/06/2024	19:13
BHBX4	P2634-10	BN031826.D	06/06/2024	19:52
BHBX5	P2634-11	BN031827.D	06/06/2024	20:32
BHBX9	P2634-15	BN031828.D	06/06/2024	21:12
BHBS4	P2647-10	BN031829.D	06/06/2024	21:51
BHBT0	P2647-16	BN031830.D	06/06/2024	22:31

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN060624

Lab Code: CHEM

SAS No.: BN060624

SDG NO.: BN060624

Lab File ID: BN031812.D

DFTPP Injection Date: 06/06/2024

Instrument ID: BNA_N

DFTPP Injection Time: 10:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	35.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.3
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	24.7
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	9.2
442	Greater than 50% of mass 198	64.7
443	15.0 - 24.0% of mass 442	11.2 (17.3) 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
BHBT3	P2647-19	BN031831.D	06/06/2024	23:11
BHBT4	P2647-20	BN031832.D	06/06/2024	23:50
BHBW7	P2634-01	BN031833.D	06/07/2024	00:29
BHBX2	P2634-08	BN031834.D	06/07/2024	01:09
BHBX3	P2634-09	BN031835.D	06/07/2024	01:48
P2634-0210	P2634-05	BN031836.D	06/07/2024	02:28
BHBX0	P2634-06	BN031837.D	06/07/2024	03:07
SLCS173	PB161173BS	BN031838.D	06/07/2024	03:46
SSTD020278	SSTDCCC020EC	BN031839.D	06/07/2024	05:05