

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

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

Instrument ID: BNA_N Calibration Date/Time: 5/29/2024 1:16:41

Lab File ID: BN031693.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020263 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	0.543	0.010	4.8864	40.0
Benzaldehyde	0.804	1.017	0.010	26.4346	40.0
Pyridine	1.361	1.513	0.010	11.1773	40.0
Phenol	1.745	1.910	0.080	9.4515	20.0
Bis(2-Chloroethyl)ether	1.443	1.581	0.100	9.5905	20.0
2-Chlorophenol	1.369	1.471	0.200	7.4195	20.0
2-Methylphenol	1.348	1.443	0.010	7.0652	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.827	0.010	9.9821	40.0
Acetophenone	2.118	2.420	0.060	14.2761	20.0
4-Methylphenol	1.461	1.608	0.010	10.0638	20.0
N-Nitroso-di-n-propylamine	1.098	1.221	0.050	11.2798	30.0
Hexachloroethane	0.580	0.605	0.100	4.309	20.0
Nitrobenzene	0.364	0.384	0.050	5.3113	25.0
Isophorone	0.747	0.780	0.050	4.3477	25.0
2-Nitrophenol	0.173	0.181	0.050	4.8048	25.0
2,4-Dimethylphenol	0.336	0.357	0.050	6.3199	25.0
Bis(2-Chloroethoxy)methane	0.466	0.490	0.050	5.1901	20.0
2,4-Dichlorophenol	0.291	0.307	0.060	5.3406	20.0
Naphthalene	1.035	1.099	0.200	6.1725	20.0
4-Chloroaniline	0.425	0.468	0.010	10.0857	40.0
Hexachlorobutadiene	0.175	0.180	0.040	3.2016	30.0
Caprolactam	0.114	0.117	0.010	3.1651	40.0
4-Chloro-3-methylphenol	0.340	0.363	0.040	6.6888	25.0
1-Methylnaphthalene	0.710	0.760	0.100	7.0133	20.0
2-Methylnaphthalene	0.708	0.764	0.100	8.0479	20.0
Hexachlorocyclopentadiene	0.305	0.285	0.010	-6.655	40.0
2,4,6-Trichlorophenol	0.359	0.365	0.090	1.6059	25.0
2,4,5-Trichlorophenol	0.390	0.401	0.100	2.6953	25.0
1,1-Biphenyl	1.407	1.459	0.200	3.7385	20.0
2-Chloronaphthalene	1.102	1.145	0.300	3.9012	20.0
2-Nitroaniline	0.319	0.328	0.050	2.7169	40.0
Dimethylphthalate	1.425	1.500	0.300	5.2462	20.0
2,6-Dinitrotoluene	0.283	0.293	0.080	3.4795	30.0
Acenaphthylene	1.811	1.889	0.400	4.3493	20.0
3-Nitroaniline	0.303	0.323	0.010	6.6242	40.0
Acenaphthene	1.198	1.254	0.200	4.6626	20.0
2,4-Dinitrophenol	0.143	0.115	0.010	-19.3689	40.0
4-Nitrophenol	0.207	0.217	0.010	5.0304	40.0
Dibenzofuran	1.628	1.713	0.300	5.2689	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

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

Instrument ID: BNA_N Calibration Date/Time: 5/29/2024 1:16:41

Lab File ID: BN031693.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020263 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	0.438	0.070	5.283	30.0
Diethylphthalate	1.470	1.563	0.300	6.3184	20.0
Fluorene	1.311	1.427	0.200	8.9005	20.0
4-Chlorophenyl-phenylether	0.635	0.687	0.100	8.1573	20.0
4-Nitroaniline	0.288	0.334	0.010	16.0003	40.0
4,6-Dinitro-2-methylphenol	0.107	0.103	0.010	-3.5034	40.0
N-Nitrosodiphenylamine	0.551	0.588	0.050	6.6988	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.550	0.100	4.0421	20.0
4-Bromophenyl-phenylether	0.194	0.201	0.070	3.7937	20.0
Hexachlorobenzene	0.220	0.236	0.050	7.625	25.0
Atrazine	0.174	0.178	0.010	2.4449	25.0
Pentachlorophenol	0.141	0.144	0.010	2.6014	40.0
Phenanthrene	1.019	1.105	0.200	8.4136	20.0
Pentachlorobenzene	0.251	0.256	0.050	2.1162	20.0
Anthracene	1.032	1.092	0.200	5.8027	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.263	0.050	1.9965	20.0
Carbazole	0.880	1.036	0.050	17.6725	40.0
Di-n-butylphthalate	1.211	1.302	0.500	7.5328	25.0
Fluoranthene	1.279	1.384	0.400	8.2108	25.0
Pyrene	1.312	1.442	0.400	9.8884	25.0
Butylbenzylphthalate	0.620	0.665	0.100	7.2701	40.0
3,3-Dichlorobenzidine	0.384	0.442	0.010	15.2535	40.0
Benzo (a) anthracene	1.339	1.422	0.300	6.2232	30.0
Chrysene	1.250	1.335	0.200	6.7948	30.0
Bis(2-ethylhexyl)phthalate	0.904	0.976	0.200	8.0248	40.0
Di-n-octyl phthalate	1.339	1.481	0.010	10.5802	40.0
Benzo (b) fluoranthene	1.195	1.218	0.200	1.8828	25.0
Benzo (k) fluoranthene	1.173	1.219	0.200	3.9129	25.0
Benzo (a) pyrene	1.120	1.195	0.200	6.6949	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.334	0.200	3.3818	25.0
Dibenzo (a,h) anthracene	1.053	1.116	0.200	5.9211	30.0
Benzo (g,h,i) perylene	1.026	1.056	0.200	2.9534	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.334	0.040	2.303	20.0
1,4-Dioxane-d8	0.483	0.525	0.010	8.5084	25.0
Pyridine-d5	1.361	1.535	0.010	12.8234	40.0
Phenol-d5	1.715	1.846	0.010	7.6491	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	1.096	0.050	9.2824	25.0
2-Chlorophenol-d4	1.308	1.411	0.200	7.8685	20.0
4-Methylphenol-d8	1.398	1.501	0.010	7.4305	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

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

Instrument ID: BNA_N Calibration Date/Time: 5/29/2024 1:16:41

Lab File ID: BN031693.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020263 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.160	0.050	4.3376	20.0
2-Nitrophenol-d4	0.158	0.161	0.050	2.0315	30.0
2,4-Dichlorophenol-d3	0.295	0.311	0.060	5.3714	20.0
4-Chloroaniline-d4	0.438	0.472	0.010	7.8793	40.0
Dimethylphthalate-d6	1.393	1.453	0.300	4.2524	20.0
Acenaphthylene-d8	1.602	1.661	0.400	3.6852	20.0
4-Nitrophenol-d4	0.279	0.288	0.010	3.1552	40.0
Fluorene-d10	1.179	1.248	0.100	5.8544	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.092	0.010	-8.6187	40.0
Anthracene-d10	0.856	0.919	0.300	7.3772	20.0
Pyrene-d10	1.070	1.169	0.300	9.237	25.0
Benzo(a)pyrene-d12	0.955	1.001	0.010	4.83	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.: BN052924 SAS No.: BN052924 SDG No.: BN052924

Instrument ID: BNA_N Calibration Date/Time: 5/30/2024 1:02:31

Lab File ID: BN031704.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020264 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	0.526	0.010	1.7183	40.0
Benzaldehyde	0.804	1.020	0.010	26.8779	40.0
Pyridine	1.361	1.461	0.010	7.3679	40.0
Phenol	1.745	1.895	0.080	8.5753	20.0
Bis(2-Chloroethyl)ether	1.443	1.570	0.100	8.8048	20.0
2-Chlorophenol	1.369	1.473	0.200	7.5829	20.0
2-Methylphenol	1.348	1.458	0.010	8.1564	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.789	0.010	7.7018	40.0
Acetophenone	2.118	2.338	0.060	10.3948	20.0
4-Methylphenol	1.461	1.592	0.010	8.9653	20.0
N-Nitroso-di-n-propylamine	1.098	1.161	0.050	5.7825	30.0
Hexachloroethane	0.580	0.629	0.100	8.5741	20.0
Nitrobenzene	0.364	0.387	0.050	6.1324	25.0
Isophorone	0.747	0.756	0.050	1.1168	25.0
2-Nitrophenol	0.173	0.184	0.050	6.3762	25.0
2,4-Dimethylphenol	0.336	0.351	0.050	4.5558	25.0
Bis(2-Chloroethoxy)methane	0.466	0.477	0.050	2.381	20.0
2,4-Dichlorophenol	0.291	0.309	0.060	6.2906	20.0
Naphthalene	1.035	1.085	0.200	4.8559	20.0
4-Chloroaniline	0.425	0.446	0.010	4.8434	40.0
Hexachlorobutadiene	0.175	0.189	0.040	7.8763	30.0
Caprolactam	0.114	0.110	0.010	-3.3822	40.0
4-Chloro-3-methylphenol	0.340	0.353	0.040	3.574	25.0
1-Methylnaphthalene	0.710	0.738	0.100	3.9155	20.0
2-Methylnaphthalene	0.708	0.740	0.100	4.5614	20.0
Hexachlorocyclopentadiene	0.305	0.285	0.010	-6.6695	40.0
2,4,6-Trichlorophenol	0.359	0.393	0.090	9.4066	25.0
2,4,5-Trichlorophenol	0.390	0.417	0.100	6.9686	25.0
1,1-Biphenyl	1.407	1.514	0.200	7.6457	20.0
2-Chloronaphthalene	1.102	1.193	0.300	8.3014	20.0
2-Nitroaniline	0.319	0.338	0.050	5.9114	40.0
Dimethylphthalate	1.425	1.460	0.300	2.4599	20.0
2,6-Dinitrotoluene	0.283	0.304	0.080	7.3595	30.0
Acenaphthylene	1.811	1.968	0.400	8.7081	20.0
3-Nitroaniline	0.303	0.337	0.010	11.3202	40.0
Acenaphthene	1.198	1.282	0.200	7.0502	20.0
2,4-Dinitrophenol	0.143	0.143	0.010	-0.049	40.0
4-Nitrophenol	0.207	0.210	0.010	1.3536	40.0
Dibenzofuran	1.628	1.732	0.300	6.3876	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

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

Instrument ID: BNA_N Calibration Date/Time: 5/30/2024 1:02:31

Lab File ID: BN031704.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020264 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	0.443	0.070	6.5463	30.0
Diethylphthalate	1.470	1.522	0.300	3.5247	20.0
Fluorene	1.311	1.369	0.200	4.4841	20.0
4-Chlorophenyl-phenylether	0.635	0.668	0.100	5.168	20.0
4-Nitroaniline	0.288	0.335	0.010	16.2353	40.0
4,6-Dinitro-2-methylphenol	0.107	0.106	0.010	-1.0948	40.0
N-Nitrosodiphenylamine	0.551	0.582	0.050	5.567	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.587	0.100	10.9304	20.0
4-Bromophenyl-phenylether	0.194	0.205	0.070	5.5836	20.0
Hexachlorobenzene	0.220	0.229	0.050	4.2847	25.0
Atrazine	0.174	0.183	0.010	5.1059	25.0
Pentachlorophenol	0.141	0.143	0.010	2.0829	40.0
Phenanthrene	1.019	1.070	0.200	5.0071	20.0
Pentachlorobenzene	0.251	0.269	0.050	7.4507	20.0
Anthracene	1.032	1.089	0.200	5.4986	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.278	0.050	8.116	20.0
Carbazole	0.880	1.005	0.050	14.1404	40.0
Di-n-butylphthalate	1.211	1.303	0.500	7.5559	25.0
Fluoranthene	1.279	1.504	0.400	17.5975	25.0
Pyrene	1.312	1.529	0.400	16.542	25.0
Butylbenzylphthalate	0.620	0.721	0.100	16.323	40.0
3,3-Dichlorobenzidine	0.384	0.441	0.010	14.8616	40.0
Benzo (a) anthracene	1.339	1.411	0.300	5.4352	30.0
Chrysene	1.250	1.339	0.200	7.0958	30.0
Bis(2-ethylhexyl)phthalate	0.904	1.033	0.200	14.3499	40.0
Di-n-octyl phthalate	1.339	1.838	0.010	37.2936	40.0
Benzo (b) fluoranthene	1.195	1.319	0.200	10.3307	25.0
Benzo (k) fluoranthene	1.173	1.283	0.200	9.3612	25.0
Benzo (a) pyrene	1.120	1.177	0.200	5.1244	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.222	0.200	-5.3039	25.0
Dibenzo (a,h) anthracene	1.053	1.033	0.200	-1.9014	30.0
Benzo (g,h,i) perylene	1.026	0.965	0.200	-5.9457	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.341	0.040	4.4302	20.0
1,4-Dioxane-d8	0.483	0.491	0.010	1.502	25.0
Pyridine-d5	1.361	1.458	0.010	7.1475	40.0
Phenol-d5	1.715	1.851	0.010	7.9805	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	1.086	0.050	8.295	25.0
2-Chlorophenol-d4	1.308	1.441	0.200	10.116	20.0
4-Methylphenol-d8	1.398	1.492	0.010	6.7867	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN052924 SAS No.: BN052924 SDG No.: BN052924
 Instrument ID: BNA_N Calibration Date/Time: 5/30/2024 1:02:31
 Lab File ID: BN031704.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020264 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	5.9626	20.0
2-Nitrophenol-d4	0.158	0.170	0.050	7.4635	30.0
2,4-Dichlorophenol-d3	0.295	0.311	0.060	5.5847	20.0
4-Chloroaniline-d4	0.438	0.456	0.010	4.2386	40.0
Dimethylphthalate-d6	1.393	1.442	0.300	3.4814	20.0
Acenaphthylene-d8	1.602	1.712	0.400	6.8515	20.0
4-Nitrophenol-d4	0.279	0.287	0.010	2.943	40.0
Fluorene-d10	1.179	1.247	0.100	5.7571	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.096	0.010	-4.2378	40.0
Anthracene-d10	0.856	0.903	0.300	5.4972	20.0
Pyrene-d10	1.070	1.248	0.300	16.6266	25.0
Benzo(a)pyrene-d12	0.955	1.003	0.010	5.0127	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.: BN052924 SAS No.: BN052924 SDG No.: BN052924

Instrument ID: BNA_N Calibration Date/Time: 5/29/2024 1:15:20

Lab File ID: BN031691.D Init. Calib. Date(s): _____

EPA Sample No.: SICV209 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
1,4-Dioxane	0.517	0.427	0.010	-17.5237	40.0
Benzaldehyde	0.804	0.930	0.010	15.686	40.0
Pyridine	1.361	1.151	0.010	-15.44	40.0
Phenol	1.745	1.671	0.080	-4.2563	20.0
Bis(2-Chloroethyl)ether	1.443	1.349	0.100	-6.5091	20.0
2-Chlorophenol	1.369	1.317	0.200	-3.7942	20.0
2-Methylphenol	1.348	1.263	0.010	-6.2677	20.0
2,2-oxybis(1-Chloropropane)	1.661	1.527	0.010	-8.0543	40.0
Acetophenone	2.118	2.205	0.060	4.0842	20.0
4-Methylphenol	1.461	1.431	0.010	-2.0802	20.0
N-Nitroso-di-n-propylamine	1.098	1.079	0.050	-1.7103	30.0
Hexachloroethane	0.580	0.529	0.100	-8.7258	20.0
Nitrobenzene	0.364	0.341	0.050	-6.465	25.0
Isophorone	0.747	0.690	0.050	-7.6743	25.0
2-Nitrophenol	0.173	0.170	0.050	-1.298	25.0
2,4-Dimethylphenol	0.336	0.239	0.050	-28.9034	25.0
Bis(2-Chloroethoxy)methane	0.466	0.425	0.050	-8.7911	20.0
2,4-Dichlorophenol	0.291	0.286	0.060	-1.6649	20.0
Naphthalene	1.035	0.973	0.200	-6.0056	20.0
4-Chloroaniline	0.425	0.425	0.010	-0.0375	40.0
Hexachlorobutadiene	0.175	0.165	0.040	-5.6092	30.0
Caprolactam	0.114	0.115	0.010	1.3329	40.0
4-Chloro-3-methylphenol	0.340	0.341	0.040	0.3283	25.0
1-Methylnaphthalene	0.710	0.654	0.100	-7.9271	20.0
2-Methylnaphthalene	0.708	0.697	0.100	-1.5404	20.0
Hexachlorocyclopentadiene	0.305	0.397	0.010	30.3469	40.0
2,4,6-Trichlorophenol	0.359	0.351	0.090	-2.3548	25.0
2,4,5-Trichlorophenol	0.390	0.386	0.100	-1.153	25.0
1,1-Biphenyl	1.407	1.363	0.200	-3.1423	20.0
2-Chloronaphthalene	1.102	1.017	0.300	-7.6955	20.0
2-Nitroaniline	0.319	0.317	0.050	-0.7154	40.0
Dimethylphthalate	1.425	1.341	0.300	-5.899	20.0
2,6-Dinitrotoluene	0.283	0.293	0.080	3.5767	30.0
Acenaphthylene	1.811	1.732	0.400	-4.3164	20.0
3-Nitroaniline	0.303	0.340	0.010	12.1407	40.0
Acenaphthene	1.198	1.103	0.200	-7.915	20.0
2,4-Dinitrophenol	0.143	0.132	0.010	-7.8446	40.0
4-Nitrophenol	0.207	0.203	0.010	-2.1125	40.0
Dibenzofuran	1.628	1.602	0.300	-1.5519	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN052924 SAS No.: BN052924 SDG No.: BN052924
Instrument ID: BNA_N Calibration Date/Time: 5/29/2024 1:15:20
Lab File ID: BN031691.D Init. Calib. Date(s): _____
EPA Sample No.: SICV209 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.416	0.414	0.070	-0.3922	30.0
Diethylphthalate	1.470	1.399	0.300	-4.831	20.0
Fluorene	1.311	1.271	0.200	-3.023	20.0
4-Chlorophenyl-phenylether	0.635	0.609	0.100	-4.0384	20.0
4-Nitroaniline	0.288	0.351	0.010	21.9015	40.0
4,6-Dinitro-2-methylphenol	0.107	0.101	0.010	-5.7024	40.0
N-Nitrosodiphenylamine	0.551	0.525	0.050	-4.7383	20.0
1,2,4,5-Tetrachlorobenzene	0.529	0.509	0.100	-3.8131	20.0
4-Bromophenyl-phenylether	0.194	0.181	0.070	-6.5838	20.0
Hexachlorobenzene	0.220	0.204	0.050	-7.0389	25.0
Atrazine	0.174	0.178	0.010	2.5354	25.0
Pentachlorophenol	0.141	0.137	0.010	-2.6936	40.0
Phenanthrene	1.019	0.959	0.200	-5.8777	20.0
Pentachlorobenzene	0.251	0.236	0.050	-5.6837	20.0
Anthracene	1.032	0.979	0.200	-5.1725	20.0
1,2,3,4-Tetrachlorobenzene	0.257	0.236	0.050	-8.2715	20.0
Carbazole	0.880	0.937	0.050	6.4031	40.0
Di-n-butylphthalate	1.211	1.197	0.500	-1.1978	25.0
Fluoranthene	1.279	1.258	0.400	-1.6128	25.0
Pyrene	1.312	1.298	0.400	-1.1161	25.0
Butylbenzylphthalate	0.620	0.625	0.100	0.914	40.0
3,3-Dichlorobenzidine	0.384	0.464	0.010	20.9538	40.0
Benzo (a) anthracene	1.339	1.296	0.300	-3.2103	30.0
Chrysene	1.250	1.210	0.200	-3.2244	30.0
Bis(2-ethylhexyl)phthalate	0.904	0.911	0.200	0.8204	40.0
Di-n-octyl phthalate	1.339	1.388	0.010	3.6816	40.0
Benzo (b) fluoranthene	1.195	1.121	0.200	-6.2213	25.0
Benzo (k) fluoranthene	1.173	1.134	0.200	-3.2941	25.0
Benzo (a) pyrene	1.120	1.043	0.200	-6.8131	20.0
Indeno (1,2,3-cd) pyrene	1.290	1.219	0.200	-5.5455	25.0
Dibenzo (a,h) anthracene	1.053	1.004	0.200	-4.676	30.0
Benzo (g,h,i) perylene	1.026	0.920	0.200	-10.3095	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.327	0.040	0.1641	20.0
1,4-Dioxane-d8	0.483	0.414	0.010	-14.4311	25.0
Pyridine-d5	1.361	1.315	0.010	-3.3445	40.0
Phenol-d5	1.715	1.689	0.010	-1.489	25.0
Bis- (2-Chloroethyl) ether-d8	1.003	1.069	0.050	6.6388	25.0
2-Chlorophenol-d4	1.308	1.284	0.200	-1.8752	20.0
4-Methylphenol-d8	1.398	1.395	0.010	-0.2125	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN052924 SAS No.: BN052924 SDG No.: BN052924
 Instrument ID: BNA_N Calibration Date/Time: 5/29/2024 1:15:20
 Lab File ID: BN031691.D Init. Calib. Date(s): _____
 EPA Sample No.: SICV209 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFICV	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.153	0.154	0.050	0.6999	20.0
2-Nitrophenol-d4	0.158	0.162	0.050	2.6697	30.0
2,4-Dichlorophenol-d3	0.295	0.295	0.060	0.1112	20.0
4-Chloroaniline-d4	0.438	0.457	0.010	4.3217	40.0
Dimethylphthalate-d6	1.393	1.401	0.300	0.5302	20.0
Acenaphthylene-d8	1.602	1.608	0.400	0.3719	20.0
4-Nitrophenol-d4	0.279	0.290	0.010	4.1293	40.0
Fluorene-d10	1.179	1.207	0.100	2.4047	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.097	0.010	-3.2863	40.0
Anthracene-d10	0.856	0.854	0.300	-0.2984	20.0
Pyrene-d10	1.070	1.119	0.300	4.5894	25.0
Benzo(a)pyrene-d12	0.955	0.939	0.010	-1.6645	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SSTD020263			SDG No.:	BN052924		
Lab Sample ID:	SSTDCCC020			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031684.D	1		5/29/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7900		310	500	2000	ug/L
100-52-7	Benzaldehyde	25000		1400	5000	10000	ug/L
110-86-1	Pyridine	21000		850	10000	10000	ug/L
108-95-2	Phenol	22000		1700	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	22000		1500	5000	10000	ug/L
95-57-8	2-Chlorophenol	22000		1100	2500	5000	ug/L
95-48-7	2-Methylphenol	22000		1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22000		1400	5000	10000	ug/L
98-86-2	Acetophenone	22000		2100	5000	10000	ug/L
106-44-5	4-Methylphenol	22000		1600	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	21000		1400	2500	5000	ug/L
67-72-1	Hexachloroethane	21000		890	2500	5000	ug/L
98-95-3	Nitrobenzene	22000		1300	2500	5000	ug/L
78-59-1	Isophorone	21000		1400	2500	5000	ug/L
88-75-5	2-Nitrophenol	22000		1400	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	22000		720	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	21000		1400	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	21000		1400	2500	5000	ug/L
91-20-3	Naphthalene	21000		1500	2500	5000	ug/L
106-47-8	4-Chloroaniline	22000		1700	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	21000		1100	2500	5000	ug/L
105-60-2	Caprolactam	13000		1300	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	21000		1400	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	21000		970	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	21000		1500	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	23000		1400	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	22000		1900	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	22000		1700	2500	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SSTD020263	SDG No.:	BN052924
Lab Sample ID:	SSTDCCC020	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031684.D	1		5/29/2024 12:00:00 AM	

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

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SSTD020263	SDG No.:	BN052924
Lab Sample ID:	SSTDCCC020	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031684.D	1		5/29/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21000		1700	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	22000		1500	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	25000		1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	21000		1500	2500	5000	ug/L
218-01-9	Chrysene	21000		1700	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	22000		1500	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	22000		1300	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	21000		1600	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	21000		2200	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	21000		2000	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	22000		1900	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	22000		2000	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	15000		1900	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	22000		1800	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8137	*	15-120		101713	SPK: -8
7291-22-7	Pyridine-d5	21207	*	20-120		53017	SPK: -40
4165-62-2	Phenol-d5	21392	*	10-130		53480	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21772	*	25-120		54430	SPK: -40
93951-73-6	2-Chlorophenol-d4	21639	*	20-130		54097	SPK: -40
190780-66-6	4-Methylphenol-d8	21414	*	25-125		53535	SPK: -40
4165-60-0	Nitrobenzene-d5	21282	*	20-125		53205	SPK: -40
93951-78-1	2-Nitrophenol-d4	22431	*	20-130		56078	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21555	*	20-120		53888	SPK: -40
191656-33-4	4-Chloroaniline-d4	21302	*	1-146		53255	SPK: -40
85448-30-2	Dimethylphthalate-d6	21183	*	25-130		52958	SPK: -40
93951-97-4	Acenaphthylene-d8	21419	*	10-130		53547	SPK: -40
93951-79-2	4-Nitrophenol-d4	21928	*	10-150		54820	SPK: -40
81103-79-9	Fluorene-d10	20947	*	25-125		52367	SPK: -40

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SSTD020263			SDG No.:	BN052924		
Lab Sample ID:	SSTDCCC020			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031684.D	1		5/29/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22497	*	10-130		56242	SPK: -40
1719-06-8	Anthracene-d10	21073	*	25-130		52683	SPK: -40
1718-52-1	Pyrene-d10	21095	*	15-130		52738	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20341	*	20-130		50852	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	612221	7.681				
1146-65-2	Naphthalene-d8	2750375	10.469				
15067-26-2	Acenaphthene-d10	1778441	14.322				
1517-22-2	Phenanthrene-d10	3772624	17.069				
1719-03-5	Chrysene-d12	3499026	21.304				
1520-96-3	Perylene-d12	4163473	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1900	U			99	ug/L

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:	SBLK084	SDG No.:	BN052924
Lab Sample ID:	PB161084BL	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
BN031692.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

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:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	SBLK084	SDG No.:	BN052924
Lab Sample ID:	PB161084BL	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
BN031692.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

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:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	SBLK084	SDG No.:	BN052924
Lab Sample ID:	PB161084BL	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
BN031692.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.172		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	26.91		20-120		67	SPK: -40
4165-62-2	Phenol-d5	26.108		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.023		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.304		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	26.258		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	27.007		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.807		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.426		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.417		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.132		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	27.443		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.148		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	28.898		20-140		72	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:	SBLK084	SDG No.:	BN052924
Lab Sample ID:	PB161084BL	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
BN031692.D	1	5/23/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161084

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.686		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	28.365		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	27.88		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.473		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	502233	7.687				
1146-65-2	Naphthalene-d8	2201167	10.469				
15067-26-2	Acenaphthene-d10	1470852	14.322				
1517-22-2	Phenanthrene-d10	3237731	17.069				
1719-03-5	Chrysene-d12	3167148	21.304				
1520-96-3	Perylene-d12	3595197	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:	SBLK110	SDG No.:	BN052924
Lab Sample ID:	PB161110BL	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
BN031694.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

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:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SBLK110	SDG No.:	BN052924
Lab Sample ID:	PB161110BL	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
BN031694.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

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:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SBLK110	SDG No.:	BN052924
Lab Sample ID:	PB161110BL	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
BN031694.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

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	6.707		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	32.989		20-120		82	SPK: -40
4165-62-2	Phenol-d5	31.364		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.316		10-150		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.517		15-120		81	SPK: -40
190780-66-6	4-Methylphenol-d8	31.094		10-140		78	SPK: -40
4165-60-0	Nitrobenzene-d5	31.271		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.659		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.818		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.521		1-145		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.986		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	31.146		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.524		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	31.889		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:	SBLK110	SDG No.:	BN052924
Lab Sample ID:	PB161110BL	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
BN031694.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.955		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	33.615		10-150		84	SPK: -40
1718-52-1	Pyrene-d10	32.699		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.109		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	316479	7.687				
1146-65-2	Naphthalene-d8	1444466	10.469				
15067-26-2	Acenaphthene-d10	1007571	14.322				
1517-22-2	Phenanthrene-d10	2155492	17.069				
1719-03-5	Chrysene-d12	2091231	21.298				
1520-96-3	Perylene-d12	2275457	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg



Client:				Date Collected:	5/21/2024 12:00:00 AM	
Project:				Date Received:	5/21/2024 12:00:00 AM	
Client Sample ID:	BH646			SDG No.:	BN052924	
Lab Sample ID:	P2569-06			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
BN031695.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

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:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH646	SDG No.:	BN052924
Lab Sample ID:	P2569-06	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
BN031695.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

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	130	J	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	350		49	90.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH646	SDG No.:	BN052924
Lab Sample ID:	P2569-06	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
BN031695.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	330		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	190		43	46.4	190	ug/Kg
218-01-9	Chrysene	200		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	250		52	46.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	94	J	63	46.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	170	J	62	46.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	92	J	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	100	J	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	3.889		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	15.188		20-120		38	SPK: -40
4165-62-2	Phenol-d5	21.926		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.324		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.584		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	16.508		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	21.338		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.364		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.097		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.37		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.473		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23.2		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.61		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	24.446		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH646	SDG No.:	BN052924
Lab Sample ID:	P2569-06	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
BN031695.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.356		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	24.325		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	26.519		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.422		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	350357	7.687				
1146-65-2	Naphthalene-d8	1621947	10.469				
15067-26-2	Acenaphthene-d10	1085658	14.322				
1517-22-2	Phenanthrene-d10	2260165	17.068				
1719-03-5	Chrysene-d12	2118483	21.298				
1520-96-3	Perylene-d12	2184570	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	120	J			17.968	
	(DEL) Alkane: Cyclic	85	J			20.992	
000192-97-2	Benzo[e]pyrene	80	J			23.962	
E966796	Total Alkanes	85				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH647	SDG No.:	BN052924
Lab Sample ID:	P2569-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
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
BN031696.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

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	97.4	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	97.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97.4	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.2	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.4	390	ug/Kg
98-86-2	Acetophenone	70	U	70	97.4	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	97.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.2	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.2	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.2	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.2	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	50.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.2	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50.2	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.2	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.2	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	50.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	97.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH647	SDG No.:	BN052924
Lab Sample ID:	P2569-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
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
BN031696.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	50.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.2	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.2	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.2	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	50.2	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	97.4	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.4	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.4	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	50.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.2	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	50.2	200	ug/Kg
86-73-7	Fluorene	68	U	68	50.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.2	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.2	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.2	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97.4	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97.4	390	ug/Kg
85-01-8	Phenanthrene	180	J	63	50.2	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.2	200	ug/Kg
120-12-7	Anthracene	56	U	56	50.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50.2	200	ug/Kg
86-74-8	Carbazole	72	U	72	97.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	50.2	200	ug/Kg
206-44-0	Fluoranthene	550		53	97.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH647	SDG No.:	BN052924
Lab Sample ID:	P2569-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
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
BN031696.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	510		54	50.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	100	J	51	50.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	97.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	290		46	50.2	200	ug/Kg
218-01-9	Chrysene	310		54	50.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	9700	E	51	50.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	410		57	50.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	68	50.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	290		67	50.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	53	50.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	50.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170	J	54	50.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	50.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.991		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	3.969	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	15.514		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.865		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.686		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	12.516		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	15.768		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.768		10-120		34	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.204		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.63		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.194		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	17.152		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.672		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	18.437		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH647	SDG No.:	BN052924
Lab Sample ID:	P2569-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
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
BN031696.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.285		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	18.579		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	22.234		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.25		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	406228	7.687				
1146-65-2	Naphthalene-d8	1874655	10.469				
15067-26-2	Acenaphthene-d10	1247650	14.322				
1517-22-2	Phenanthrene-d10	2631339	17.069				
1719-03-5	Chrysene-d12	2265734	21.304				
1520-96-3	Perylene-d12	2411115	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	280	J			7.746	
	(DEL) Alkane: Straight-Chain	17.463	J			17.463	
000112-39-0	Hexadecanoic acid, methyl ester	79	J			17.751	
000057-10-3	n-Hexadecanoic acid	450	J			17.981	
036653-82-4	1-Hexadecanol	280	J			18.839	
000112-61-8	Methyl stearate	95	J			19.063	
000057-11-4	Octadecanoic acid	170	J			19.263	
	(DEL) Alkane: Straight-Chain	20.992	J			20.992	
	(DEL) Alkane: Straight-Chain	23.427	J			23.427	
000192-97-2	Benzo[e]pyrene	140	J			23.963	
	(DEL) Alkane: Straight-Chain	25.304	J			25.304	
E966796	Total Alkanes	570				99	ug/Kg



Client:			Date Collected:	5/21/2024 12:00:00 AM		
Project:			Date Received:	5/21/2024 12:00:00 AM		
Client Sample ID:	BH648		SDG No.:	BN052924		
Lab Sample ID:	P2569-08		Matrix:	Solid		
Analytical Method:	SFAM_SVOC		% Moisture:	12.7		
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
BN031697.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

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:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH648	SDG No.:	BN052924
Lab Sample ID:	P2569-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.7
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
BN031697.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

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	73	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	850		61	48.5	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.5	190	ug/Kg
120-12-7	Anthracene	220		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	81	J	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:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH648	SDG No.:	BN052924
Lab Sample ID:	P2569-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.7
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
BN031697.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		53	48.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	57	J	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	800		45	48.5	190	ug/Kg
218-01-9	Chrysene	770		53	48.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3700	E	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	980		55	48.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	350		66	48.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	720		65	48.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	350		51	48.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	59	48.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400		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	3.482		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	14.807		20-120		37	SPK: -40
4165-62-2	Phenol-d5	20.876		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.404		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.418		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	16.407		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	20.692		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.237		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.683		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.621		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.364		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.003		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.009		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	22.883		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH648	SDG No.:	BN052924
Lab Sample ID:	P2569-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.7
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
BN031697.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.055		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	23.532		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	27.484		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.72		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	481564	7.687				
1146-65-2	Naphthalene-d8	2225392	10.469				
15067-26-2	Acenaphthene-d10	1460932	14.328				
1517-22-2	Phenanthrene-d10	2993308	17.069				
1719-03-5	Chrysene-d12	2402579	21.31				
1520-96-3	Perylene-d12	2255247	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	92	J			3.705	
002531-84-2	Phenanthrene, 2-methyl-	130	J			17.945	
000057-10-3	n-Hexadecanoic acid	350	J			17.98	
000203-64-5	4H-Cyclopenta[def]phenanthrene	240	J			18.139	
000832-64-4	Phenanthrene, 4-methyl-	81	J			18.174	
000612-94-2	Naphthalene, 2-phenyl-	120	J			18.451	
000084-65-1	9,10-Anthracenedione	110	J			18.486	
003674-66-6	Phenanthrene, 2,5-dimethyl-	110	J			18.869	
	unknown-02	77	J			18.927	
005737-13-3	Cyclopenta(def)phenanthrenone	120	J			19.004	
002381-21-7	Pyrene, 1-methyl-	85	J			19.822	
000243-17-4	11H-Benzo[b]fluorene	82	J			19.992	
033543-31-6	Fluoranthene, 2-methyl-	90	J			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	81	J			20.739	
1000406-04-8	Pentadecafluorooctanoic acid, octa	170	J			20.998	
000082-05-3	7H-Benz[de]anthracen-7-one	99	J			21.051	
000198-55-0	Perylene	140	J			23.545	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH648	SDG No.:	BN052924
Lab Sample ID:	P2569-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.7
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
BN031697.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	390	J			23.968	
E966796	Total Alkanes	53	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH650	SDG No.:	BN052924
Lab Sample ID:	P2569-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BN031698.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.6	77	ug/Kg
100-52-7	Benzaldehyde	55	U	55	94.9	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	94.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	94.9	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.9	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	94.9	380	ug/Kg
98-86-2	Acetophenone	68	U	68	94.9	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	94.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	48.9	200	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.9	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.9	200	ug/Kg
78-59-1	Isophorone	41	U	41	48.9	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	48.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.8	U	9.8	48.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	48.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.9	200	ug/Kg
91-20-3	Naphthalene	38	U	38	48.9	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	48.9	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	48.9	200	ug/Kg
105-60-2	Caprolactam	46	U	46	94.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	48.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	94.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	48.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH650	SDG No.:	BN052924
Lab Sample ID:	P2569-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BN031698.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	48.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.9	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.9	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	48.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.9	200	ug/Kg
208-96-8	Acenaphthylene	53	U	53	48.9	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	94.9	380	ug/Kg
83-32-9	Acenaphthene	58	U	58	48.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	94.9	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94.9	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	48.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.9	200	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.9	200	ug/Kg
86-73-7	Fluorene	67	U	67	48.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	48.9	200	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	94.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	94.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	48.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	48.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.9	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	48.9	200	ug/Kg
1912-24-9	Atrazine	13	U	13	94.9	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	94.9	380	ug/Kg
85-01-8	Phenanthrene	130	J	61	48.9	200	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.9	200	ug/Kg
120-12-7	Anthracene	54	U	54	48.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.9	200	ug/Kg
86-74-8	Carbazole	70	U	70	94.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	48.9	200	ug/Kg
206-44-0	Fluoranthene	350		52	94.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH650	SDG No.:	BN052924
Lab Sample ID:	P2569-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BN031698.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	320		53	48.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	94.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	170	J	45	48.9	200	ug/Kg
218-01-9	Chrysene	180	J	53	48.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		49	48.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	94.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	240		55	48.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	81	J	67	48.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	66	48.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	89	J	52	48.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	48.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	53	48.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	48.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.264		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	17.432		20-120		44	SPK: -40
4165-62-2	Phenol-d5	24.155		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.026		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.215		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	17.54		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	24.153		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.272		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.269		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.606		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.49		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	25.287		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.831		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	25.701		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH650	SDG No.:	BN052924
Lab Sample ID:	P2569-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BN031698.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.153		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	24.995		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	31.58		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.016		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	455148	7.687				
1146-65-2	Naphthalene-d8	2097465	10.469				
15067-26-2	Acenaphthene-d10	1359992	14.322				
1517-22-2	Phenanthrene-d10	2766961	17.069				
1719-03-5	Chrysene-d12	2249315	21.304				
1520-96-3	Perylene-d12	2049033	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	290	J			17.975	
000057-11-4	Octadecanoic acid	84	J			19.257	
	(DEL) Alkane: Cyclic	200	J			20.992	
E966796	Total Alkanes	200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH697	SDG No.:	BN052924
Lab Sample ID:	P2569-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.6
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
BN031699.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.4	74	ug/Kg
100-52-7	Benzaldehyde	54	U	54	92	370	ug/Kg
110-86-1	Pyridine	13	U	13	180	370	ug/Kg
108-95-2	Phenol	50	U	50	92	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	92	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	47.4	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	92	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	92	370	ug/Kg
98-86-2	Acetophenone	66	U	66	92	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	92	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	41	U	41	47.4	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	47.4	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	47.4	190	ug/Kg
78-59-1	Isophorone	40	U	40	47.4	190	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	47.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.5	U	9.5	47.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	47.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	47.4	190	ug/Kg
91-20-3	Naphthalene	37	U	37	47.4	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	47.4	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	47.4	190	ug/Kg
105-60-2	Caprolactam	45	U	45	92	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40	U	40	47.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	47.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	47.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	92	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	47.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	47.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH697	SDG No.:	BN052924
Lab Sample ID:	P2569-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.6
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
BN031699.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	47.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	47.4	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.4	190	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	47.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	47.4	190	ug/Kg
208-96-8	Acenaphthylene	71	J	51	47.4	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	92	370	ug/Kg
83-32-9	Acenaphthene	56	U	56	47.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	92	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	92	370	ug/Kg
132-64-9	Dibenzofuran	45	U	45	47.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	47.4	190	ug/Kg
84-66-2	Diethylphthalate	46	U	46	47.4	190	ug/Kg
86-73-7	Fluorene	65	U	65	47.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	47.4	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	92	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	92	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	47.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	47.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	47.4	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.4	190	ug/Kg
1912-24-9	Atrazine	12	U	12	92	370	ug/Kg
87-86-5	Pentachlorophenol	42	U	42	92	370	ug/Kg
85-01-8	Phenanthrene	370		59	47.4	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	47.4	190	ug/Kg
120-12-7	Anthracene	58	J	52	47.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.2	U	6.2	47.4	190	ug/Kg
86-74-8	Carbazole	68	U	68	92	370	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	47.4	190	ug/Kg
206-44-0	Fluoranthene	770		50	92	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH697	SDG No.:	BN052924
Lab Sample ID:	P2569-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.6
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
BN031699.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	710		51	47.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	120	J	48	47.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	92	370	ug/Kg
56-55-3	Benzo(a)anthracene	350		43	47.4	190	ug/Kg
218-01-9	Chrysene	450		51	47.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	480		48	47.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	92	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	590		54	47.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	210		65	47.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	400		64	47.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220		50	47.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	70	J	58	47.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260		51	47.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	47.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.744		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	16.268		20-120		41	SPK: -40
4165-62-2	Phenol-d5	23.251		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.722		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.049		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	21.472		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	22.567		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.993		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.353		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.655		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.706		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	24.167		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.001		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	24.548		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH697	SDG No.:	BN052924
Lab Sample ID:	P2569-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031699.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.145		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	24.817		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	28.117		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.083		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	396001	7.687				
1146-65-2	Naphthalene-d8	1774868	10.469				
15067-26-2	Acenaphthene-d10	1153527	14.322				
1517-22-2	Phenanthrene-d10	2415934	17.069				
1719-03-5	Chrysene-d12	2076231	21.298				
1520-96-3	Perylene-d12	1934774	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	92	J			3.705	
002531-84-2	Phenanthrene, 2-methyl-	98	J			17.945	
000057-10-3	n-Hexadecanoic acid	330	J			17.975	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	130	J			18.134	
000084-65-1	9,10-Anthracenedione	81	J			18.486	
003674-66-6	Phenanthrene, 2,5-dimethyl-	98	J			18.869	
005737-13-3	Cyclopenta(def)phenanthrenone	92	J			19.004	
033543-31-6	Fluoranthene, 2-methyl-	75	J			19.816	
000479-79-8	11H-Benzo[a]fluoren-11-one	80	J			20.739	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	77	J			20.91	
	(DEL) Alkane: Straight-Chain20.992	210	J			20.992	
	(DEL) Alkane: Straight-Chain22.063	120	J			22.063	
	(DEL) Alkane: Straight-Chain23.427	230	J			23.427	
000198-55-0	Perylene	240	J			23.968	
	(DEL) Alkane: Straight-Chain25.298	380	J			25.298	
E966796	Total Alkanes	940				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH698	SDG No.:	BN052924
Lab Sample ID:	P2569-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031700.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

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	360	ug/Kg
110-86-1	Pyridine	13	U	13	180	360	ug/Kg
108-95-2	Phenol	50	U	50	91	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	91	360	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	46.9	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	91	360	ug/Kg
98-86-2	Acetophenone	65	U	65	91	360	ug/Kg
106-44-5	4-Methylphenol	45	U	45	91	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	41	U	41	46.9	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	46.9	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	46.9	190	ug/Kg
78-59-1	Isophorone	40	U	40	46.9	190	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	46.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.4	U	9.4	46.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	34	U	34	46.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	37	U	37	46.9	190	ug/Kg
91-20-3	Naphthalene	36	U	36	46.9	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	46.9	360	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	46.9	190	ug/Kg
105-60-2	Caprolactam	44	U	44	91	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40	U	40	46.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	46.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	46.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	91	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	46.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	46.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH698	SDG No.:	BN052924
Lab Sample ID:	P2569-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031700.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	46.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	46.9	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	46.9	190	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	46.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	46.9	190	ug/Kg
208-96-8	Acenaphthylene	72	J	51	46.9	190	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	91	360	ug/Kg
83-32-9	Acenaphthene	55	U	55	46.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	35	U	35	91	360	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	91	360	ug/Kg
132-64-9	Dibenzofuran	44	U	44	46.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	46.9	190	ug/Kg
84-66-2	Diethylphthalate	45	U	45	46.9	190	ug/Kg
86-73-7	Fluorene	64	U	64	46.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	46.9	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	91	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	91	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	46.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	46.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	46.9	190	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	46.9	190	ug/Kg
1912-24-9	Atrazine	12	U	12	91	360	ug/Kg
87-86-5	Pentachlorophenol	42	U	42	91	360	ug/Kg
85-01-8	Phenanthrene	380		58	46.9	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	46.9	190	ug/Kg
120-12-7	Anthracene	71	J	52	46.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.2	U	6.2	46.9	190	ug/Kg
86-74-8	Carbazole	67	U	67	91	360	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	46.9	190	ug/Kg
206-44-0	Fluoranthene	970		50	91	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH698	SDG No.:	BN052924
Lab Sample ID:	P2569-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031700.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	880		51	46.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	180	J	47	46.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	91	360	ug/Kg
56-55-3	Benzo(a)anthracene	390		43	46.9	190	ug/Kg
218-01-9	Chrysene	470		51	46.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	230		47	46.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	47	U	47	91	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	540		53	46.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	240		64	46.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	420		63	46.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260		50	46.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85	J	57	46.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320		51	46.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	46.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.017		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	7.163	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	19.041		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.738		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.477		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	17.801		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	18.732		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.216		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.915		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.075		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.266		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	19.917		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.634		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	20.693		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH698	SDG No.:	BN052924
Lab Sample ID:	P2569-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031700.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.578		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	20.878		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	27.327		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.788		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	495829	7.687				
1146-65-2	Naphthalene-d8	2242142	10.469				
15067-26-2	Acenaphthene-d10	1430413	14.322				
1517-22-2	Phenanthrene-d10	2869098	17.069				
1719-03-5	Chrysene-d12	1901354	21.304				
1520-96-3	Perylene-d12	1864977	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	97	J			3.711	
000256-81-5	5H-Dibenzo[a,d]cycloheptene	90	J			17.945	
000057-10-3	n-Hexadecanoic acid	260	J			17.975	
000203-64-5	4H-Cyclopenta[def]phenanthrene	150	J			18.134	
003674-66-6	Phenanthrene, 2,5-dimethyl-	100	J			18.869	
005737-13-3	Cyclopenta(def)phenanthrenone	92	J			19.004	
002381-21-7	Pyrene, 1-methyl-	98	J			19.822	
000243-17-4	11H-Benzo[b]fluorene	75	J			19.986	
003442-78-2	Pyrene, 2-methyl-	80	J			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	86	J			20.739	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	150	J			20.992	
	(DEL) Alkane: Straight-Chain	23.422	J			23.422	
000192-97-2	Benzo[e]pyrene	250	J			23.969	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A0	SDG No.:	BN052924
Lab Sample ID:	P2569-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
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
BN031701.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.3	73	ug/Kg
100-52-7	Benzaldehyde	53	U	53	90.9	360	ug/Kg
110-86-1	Pyridine	13	U	13	180	360	ug/Kg
108-95-2	Phenol	50	U	50	90.9	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	90.9	360	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	46.8	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.9	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	90.9	360	ug/Kg
98-86-2	Acetophenone	65	U	65	90.9	360	ug/Kg
106-44-5	4-Methylphenol	45	U	45	90.9	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	41	U	41	46.8	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	46.8	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	46.8	190	ug/Kg
78-59-1	Isophorone	40	U	40	46.8	190	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	46.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.4	U	9.4	46.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	34	U	34	46.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	37	U	37	46.8	190	ug/Kg
91-20-3	Naphthalene	36	U	36	46.8	190	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	46.8	360	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	46.8	190	ug/Kg
105-60-2	Caprolactam	44	U	44	90.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40	U	40	46.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	46.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	46.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	90.9	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	46.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	46.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A0	SDG No.:	BN052924
Lab Sample ID:	P2569-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
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
BN031701.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	46.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	46.8	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	46.8	190	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	46.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	46.8	190	ug/Kg
208-96-8	Acenaphthylene	51	U	51	46.8	190	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	90.9	360	ug/Kg
83-32-9	Acenaphthene	55	U	55	46.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	35	U	35	90.9	360	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	90.9	360	ug/Kg
132-64-9	Dibenzofuran	44	U	44	46.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	46.8	190	ug/Kg
84-66-2	Diethylphthalate	45	U	45	46.8	190	ug/Kg
86-73-7	Fluorene	64	U	64	46.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	46.8	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	90.9	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	90.9	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	46.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	46.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	46.8	190	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	46.8	190	ug/Kg
1912-24-9	Atrazine	12	U	12	90.9	360	ug/Kg
87-86-5	Pentachlorophenol	42	U	42	90.9	360	ug/Kg
85-01-8	Phenanthrene	110	J	58	46.8	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	46.8	190	ug/Kg
120-12-7	Anthracene	52	U	52	46.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.2	U	6.2	46.8	190	ug/Kg
86-74-8	Carbazole	67	U	67	90.9	360	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	46.8	190	ug/Kg
206-44-0	Fluoranthene	220		50	90.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A0	SDG No.:	BN052924
Lab Sample ID:	P2569-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
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
BN031701.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	200		51	46.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	47	U	47	46.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	90.9	360	ug/Kg
56-55-3	Benzo(a)anthracene	96	J	43	46.8	190	ug/Kg
218-01-9	Chrysene	110	J	51	46.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	73	J	47	46.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	47	U	47	90.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	53	46.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	64	U	64	46.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	98	J	63	46.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	J	50	46.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	U	57	46.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	68	J	51	46.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	46.8	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.647		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	16.419		20-120		41	SPK: -40
4165-62-2	Phenol-d5	24.474		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.811		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.507		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	24.808		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	24.894		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.762		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.963		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.949		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.801		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	27.122		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.825		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	27.471		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A0	SDG No.:	BN052924
Lab Sample ID:	P2569-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
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
BN031701.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.107		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	28.599		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	32.256		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.514		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	514621	7.687				
1146-65-2	Naphthalene-d8	2335297	10.469				
15067-26-2	Acenaphthene-d10	1480648	14.322				
1517-22-2	Phenanthrene-d10	2943846	17.069				
1719-03-5	Chrysene-d12	2375242	21.298				
1520-96-3	Perylene-d12	2147376	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	170	J			17.975	
	(DEL) Alkane: Cyclic	160	J			20.986	
000112-84-5	13-Docosenamide, (Z)-	87	J			22.674	
E966796	Total Alkanes	160				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A2	SDG No.:	BN052924
Lab Sample ID:	P2569-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.5
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
BN031702.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

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	97.3	390	ug/Kg
110-86-1	Pyridine	14	U	14	190	390	ug/Kg
108-95-2	Phenol	53	U	53	97.3	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	97.3	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.1	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	97.3	390	ug/Kg
98-86-2	Acetophenone	70	U	70	97.3	390	ug/Kg
106-44-5	4-Methylphenol	48	U	48	97.3	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.1	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.1	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.1	200	ug/Kg
78-59-1	Isophorone	42	U	42	50.1	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	50.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.1	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50.1	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.1	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.1	200	ug/Kg
105-60-2	Caprolactam	47	U	47	97.3	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	50.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	50.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	97.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A2	SDG No.:	BN052924
Lab Sample ID:	P2569-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.5
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
BN031702.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	50.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.1	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.1	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.1	200	ug/Kg
208-96-8	Acenaphthylene	54	U	54	50.1	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	97.3	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	97.3	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	97.3	390	ug/Kg
132-64-9	Dibenzofuran	47	U	47	50.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.1	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	50.1	200	ug/Kg
86-73-7	Fluorene	68	U	68	50.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.1	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	97.3	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	97.3	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	50.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53	U	53	50.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.1	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.1	200	ug/Kg
1912-24-9	Atrazine	13	U	13	97.3	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	97.3	390	ug/Kg
85-01-8	Phenanthrene	140	J	63	50.1	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	50.1	200	ug/Kg
120-12-7	Anthracene	55	U	55	50.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.6	U	6.6	50.1	200	ug/Kg
86-74-8	Carbazole	72	U	72	97.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	50.1	200	ug/Kg
206-44-0	Fluoranthene	330		53	97.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A2	SDG No.:	BN052924
Lab Sample ID:	P2569-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.5
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
BN031702.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	300		54	50.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	210		51	50.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	97.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	46	50.1	200	ug/Kg
218-01-9	Chrysene	170	J	54	50.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240		51	50.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	97.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	240		57	50.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	74	J	68	50.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	67	50.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	89	J	53	50.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	50.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	54	50.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	50.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.939		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	11.677		20-120		29	SPK: -40
4165-62-2	Phenol-d5	17.007		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.037		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.771		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	14.373		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	16.955		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.786		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.708		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.824		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.756		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	17.902		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.324		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	18.039		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A2	SDG No.:	BN052924
Lab Sample ID:	P2569-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.5
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
BN031702.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.096		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	17.834		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	22.115		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.352		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	560906	7.687				
1146-65-2	Naphthalene-d8	2557142	10.469				
15067-26-2	Acenaphthene-d10	1633729	14.322				
1517-22-2	Phenanthrene-d10	3308258	17.069				
1719-03-5	Chrysene-d12	2584973	21.304				
1520-96-3	Perylene-d12	2288011	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	180	J			17.975	
	(DEL) Alkane: Cyclic	20.992	J			20.992	
000112-84-5	13-Docosenamide, (Z)-	85	J			22.674	
	(DEL) Alkane: Straight-Chain	23.421	J			23.421	
013187-99-0	2-Bromo dodecane	170	J			25.298	
E966796	Total Alkanes	220				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A3	SDG No.:	BN052924
Lab Sample ID:	P2569-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
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
BN031703.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

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	93.9	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	51	U	51	93.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	93.9	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.4	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	93.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	93.9	380	ug/Kg
98-86-2	Acetophenone	67	U	67	93.9	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	93.9	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	93.9	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	93.9	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:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A3	SDG No.:	BN052924
Lab Sample ID:	P2569-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
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
BN031703.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

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	93.9	380	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	93.9	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	93.9	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	93.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	93.9	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	93.9	380	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	93.9	380	ug/Kg
85-01-8	Phenanthrene	210		60	48.4	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.4	190	ug/Kg
120-12-7	Anthracene	53	U	53	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	93.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.4	190	ug/Kg
206-44-0	Fluoranthene	390		51	93.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A3	SDG No.:	BN052924
Lab Sample ID:	P2569-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
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
BN031703.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	410		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	93.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	190		44	48.4	190	ug/Kg
218-01-9	Chrysene	240		52	48.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	J	49	48.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	93.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	300		55	48.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	87	J	66	48.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	200		65	48.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	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	130	J	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	3.236		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	11.105		20-120		28	SPK: -40
4165-62-2	Phenol-d5	18.339		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.668		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.327		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	15.908		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	18.556		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.109		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.168		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.046		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.297		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	19.166		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.222		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	19.497		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A3	SDG No.:	BN052924
Lab Sample ID:	P2569-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
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
BN031703.D	1	5/24/2024 12:00:00 AM	5/29/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.9		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	20.17		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	23.963		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.456		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	465458	7.687				
1146-65-2	Naphthalene-d8	2117980	10.469				
15067-26-2	Acenaphthene-d10	1360220	14.322				
1517-22-2	Phenanthrene-d10	2714229	17.069				
1719-03-5	Chrysene-d12	2145854	21.298				
1520-96-3	Perylene-d12	1921692	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	160	J			17.969	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	85	J			18.134	
	(DEL) Alkane: Straight-Chain20.992	110	J			20.992	
000192-97-2	Benzo[e]pyrene	92	J			23.963	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SBLK110	SDG No.:	BN052924
Lab Sample ID:	PB161110BL	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
BN031705.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

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:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SBLK110	SDG No.:	BN052924
Lab Sample ID:	PB161110BL	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
BN031705.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

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:	5/24/2024 12:00:00 AM
Project:		Date Received:	5/24/2024 12:00:00 AM
Client Sample ID:	SBLK110	SDG No.:	BN052924
Lab Sample ID:	PB161110BL	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
BN031705.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

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	7.53		15-120		94	SPK: -8
7291-22-7	Pyridine-d5	37.962		20-120		95	SPK: -40
4165-62-2	Phenol-d5	39.016		10-130		98	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.504		10-150		99	SPK: -40
93951-73-6	2-Chlorophenol-d4	40.505		15-120		101	SPK: -40
190780-66-6	4-Methylphenol-d8	39.108		10-140		98	SPK: -40
4165-60-0	Nitrobenzene-d5	38.788		10-135		97	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.636		10-120		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.624		10-140		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	38.68		1-145		97	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.84		10-145		97	SPK: -40
93951-97-4	Acenaphthylene-d8	38.239		15-120		96	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.931		10-150		85	SPK: -40
81103-79-9	Fluorene-d10	38.411		20-140		96	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:	SBLK110	SDG No.:	BN052924
Lab Sample ID:	PB161110BL	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
BN031705.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.282		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	39.395		10-150		98	SPK: -40
1718-52-1	Pyrene-d10	44.103		10-130		110	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.579		10-140		104	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	401581	7.687				
1146-65-2	Naphthalene-d8	1854151	10.469				
15067-26-2	Acenaphthene-d10	1199830	14.322				
1517-22-2	Phenanthrene-d10	2510435	17.069				
1719-03-5	Chrysene-d12	1929074	21.298				
1520-96-3	Perylene-d12	1794811	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A7	SDG No.:	BN052924
Lab Sample ID:	P2569-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.8
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
BN031706.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.8	89	ug/Kg
110-86-1	Pyridine	16	U	16	220	440	ug/Kg
100-52-7	Benzaldehyde	64	U	64	110	440	ug/Kg
108-95-2	Phenol	60	U	60	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	110	440	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	56.5	230	ug/Kg
95-48-7	2-Methylphenol	52	U	52	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	39	U	39	110	440	ug/Kg
98-86-2	Acetophenone	78	U	78	110	440	ug/Kg
106-44-5	4-Methylphenol	55	U	55	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	49	U	49	56.5	230	ug/Kg
67-72-1	Hexachloroethane	21	U	21	56.5	230	ug/Kg
98-95-3	Nitrobenzene	36	U	36	56.5	230	ug/Kg
78-59-1	Isophorone	48	U	48	56.5	230	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	56.5	230	ug/Kg
105-67-9	2,4-Dimethylphenol	11	U	11	56.5	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	41	U	41	56.5	230	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	56.5	230	ug/Kg
91-20-3	Naphthalene	44	U	44	56.5	230	ug/Kg
106-47-8	4-Chloroaniline	59	U	59	56.5	440	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	56.5	230	ug/Kg
105-60-2	Caprolactam	53	U	53	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	56.5	230	ug/Kg
90-12-0	1-Methylnaphthalene	60	J	25	56.5	230	ug/Kg
91-57-6	2-Methylnaphthalene	55	J	49	56.5	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	25	U	25	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	66	U	66	56.5	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	65	U	65	56.5	230	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A7	SDG No.:	BN052924
Lab Sample ID:	P2569-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.8
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
BN031706.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	56.5	230	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	59	56.5	230	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	56.5	230	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	56.5	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	35	U	35	56.5	230	ug/Kg
208-96-8	Acenaphthylene	200	J	61	56.5	230	ug/Kg
99-09-2	3-Nitroaniline	19	U	19	110	440	ug/Kg
83-32-9	Acenaphthene	97	J	66	56.5	230	ug/Kg
51-28-5	2,4-Dinitrophenol	43	U	43	110	440	ug/Kg
100-02-7	4-Nitrophenol	15	U	15	110	440	ug/Kg
132-64-9	Dibenzofuran	150	J	53	56.5	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	56.5	230	ug/Kg
84-66-2	Diethylphthalate	55	U	55	56.5	230	ug/Kg
86-73-7	Fluorene	200	J	77	56.5	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	64	U	64	56.5	230	ug/Kg
100-01-6	4-Nitroaniline	21	U	21	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	52	U	52	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	60	56.5	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	56.5	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	56.5	230	ug/Kg
118-74-1	Hexachlorobenzene	66	U	66	56.5	230	ug/Kg
1912-24-9	Atrazine	15	U	15	110	440	ug/Kg
87-86-5	Pentachlorophenol	51	U	51	110	440	ug/Kg
85-01-8	Phenanthrene	2900		70	56.5	230	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	56.5	230	ug/Kg
120-12-7	Anthracene	650		63	56.5	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	7.4	U	7.4	56.5	230	ug/Kg
86-74-8	Carbazole	81	U	81	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	56.5	230	ug/Kg
206-44-0	Fluoranthene	3900	E	60	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A7	SDG No.:	BN052924
Lab Sample ID:	P2569-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.8
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
BN031706.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3400		61	56.5	230	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	57	56.5	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	33	U	33	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	1800		52	56.5	230	ug/Kg
218-01-9	Chrysene	1600		61	56.5	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	230		57	56.5	230	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		64	56.5	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	700		77	56.5	230	ug/Kg
50-32-8	Benzo(a)pyrene	1300		76	56.5	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	600		60	56.5	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	J	69	56.5	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	650		61	56.5	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	69	U	69	56.5	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.261		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	9.6		20-120		24	SPK: -40
4165-62-2	Phenol-d5	12.956		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.587		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.729		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	12.33		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	13.108		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.573		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.502		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.981		1-145		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.595		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	15.03		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.462		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	16.071		20-140		40	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A7	SDG No.:	BN052924
Lab Sample ID:	P2569-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031706.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.07		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	16.688		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	20.84		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.651		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	480489	7.687				
1146-65-2	Naphthalene-d8	2178651	10.469				
15067-26-2	Acenaphthene-d10	1377923	14.322				
1517-22-2	Phenanthrene-d10	2740636	17.069				
1719-03-5	Chrysene-d12	2086645	21.304				
1520-96-3	Perylene-d12	1919863	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000581-40-8	Naphthalene, 2,3-dimethyl-	110	J			13.646	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	130	J			15.669	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	160	J			15.816	
001730-37-6	9H-Fluorene, 1-methyl-	100	J			16.375	
000486-25-9	9H-Fluoren-9-one	180	J			16.722	
013674-84-5	2-Propanol, 1-chloro-, phosphate (	130	J			16.839	
000132-65-0	Dibenzothiophene	220	J			16.887	
000605-02-7	Naphthalene, 1-phenyl-	97	J			17.592	
1000383-55-1	2-Methyldibenzothiophene	130	J			17.645	
002531-84-2	Phenanthrene, 2-methyl-	490	J			17.945	
000613-12-7	Anthracene, 2-methyl-	680	J			17.992	
000832-64-4	Phenanthrene, 4-methyl-	170	J			18.069	
000203-64-5	4H-Cyclopenta[def]phenanthrene	680	J			18.139	
000949-41-7	1H-Cyclopropa[l]phenanthrene, 1a,9b	240	J			18.175	
000612-94-2	Naphthalene, 2-phenyl-	390	J			18.451	
000084-65-1	9,10-Anthracenedione	230	J			18.486	
003674-66-6	Phenanthrene, 2,5-dimethyl-	250	J			18.863	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A7	SDG No.:	BN052924
Lab Sample ID:	P2569-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.8
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
BN031706.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
006232-48-0	Acephenanthrylene, 4,5-dihydro-	190	J			18.928	
005737-13-3	Cyclopenta(def)phenanthrenone	310	J			19.01	
002381-21-7	Pyrene, 1-methyl-	140	J			19.816	
000238-84-6	11H-Benzo[a]fluorene	110	J			19.986	
033543-31-6	Fluoranthene, 2-methyl-	120	J			20.145	
000479-79-8	11H-Benzo[a]fluoren-11-one	130	J			20.739	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	140	J			20.904	
027208-37-3	Cyclopenta[cd]pyrene	160	J			20.992	
000082-05-3	7H-Benz[de]anthracen-7-one	140	J			21.051	
001705-84-6	Triphenylene, 2-methyl-	100	J			21.974	
	(DEL) Alkane: Straight-Chain22.057	100	J			22.057	
	(DEL) Alkane: Straight-Chain23.421	420	J			23.421	
000192-97-2	Benzo[e]pyrene	240	J			23.539	
000198-55-0	Perylene	750	J			23.968	
007390-81-0	Oxirane, hexadecyl-	220	J			24.745	
	(DEL) Alkane: Straight-Chain25.292	290	J			25.292	
E966796	Total Alkanes	810				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R6	SDG No.:	BN052924
Lab Sample ID:	P2569-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
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
BN031707.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.6	77	ug/Kg
100-52-7	Benzaldehyde	55	U	55	95.4	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	95.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	95.4	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	49.1	200	ug/Kg
95-48-7	2-Methylphenol	45	U	45	95.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	95.4	380	ug/Kg
98-86-2	Acetophenone	68	U	68	95.4	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	95.4	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	49.1	200	ug/Kg
67-72-1	Hexachloroethane	18	U	18	49.1	200	ug/Kg
98-95-3	Nitrobenzene	31	U	31	49.1	200	ug/Kg
78-59-1	Isophorone	42	U	42	49.1	200	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	49.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	9.8	U	9.8	49.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	49.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	49.1	200	ug/Kg
91-20-3	Naphthalene	63	J	38	49.1	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	49.1	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	49.1	200	ug/Kg
105-60-2	Caprolactam	46	U	46	95.4	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	42	U	42	49.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	49.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	95.4	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	49.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	49.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R6	SDG No.:	BN052924
Lab Sample ID:	P2569-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
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
BN031707.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	49.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	49.1	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	49.1	200	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	49.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	49.1	200	ug/Kg
208-96-8	Acenaphthylene	53	U	53	49.1	200	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	95.4	380	ug/Kg
83-32-9	Acenaphthene	75	J	58	49.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	95.4	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	95.4	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	49.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	49.1	200	ug/Kg
84-66-2	Diethylphthalate	47	U	47	49.1	200	ug/Kg
86-73-7	Fluorene	67	U	67	49.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.1	200	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	95.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	95.4	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	49.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	49.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	49.1	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.1	200	ug/Kg
1912-24-9	Atrazine	13	U	13	95.4	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	95.4	380	ug/Kg
85-01-8	Phenanthrene	640		61	49.1	200	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	49.1	200	ug/Kg
120-12-7	Anthracene	110	J	54	49.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.5	U	6.5	49.1	200	ug/Kg
86-74-8	Carbazole	100	J	71	95.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	49.1	200	ug/Kg
206-44-0	Fluoranthene	1000		52	95.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R6	SDG No.:	BN052924
Lab Sample ID:	P2569-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
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
BN031707.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	830		53	49.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	95.4	380	ug/Kg
56-55-3	Benzo(a)anthracene	430		45	49.1	200	ug/Kg
218-01-9	Chrysene	510		53	49.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	92	J	50	49.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	95.4	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	740		55	49.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	240		67	49.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	500		66	49.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280		52	49.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86	J	60	49.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330		53	49.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	49.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.319		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	20.142		20-120		50	SPK: -40
4165-62-2	Phenol-d5	24.916		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.726		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.968		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	24.778		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	26.119		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.685		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.209		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.455		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.099		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.253		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.202		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	28.212		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH5R6	SDG No.:	BN052924
Lab Sample ID:	P2569-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
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
BN031707.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.799		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	28.908		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	32.942		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.14		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	464618	7.687				
1146-65-2	Naphthalene-d8	2004106	10.469				
15067-26-2	Acenaphthene-d10	1269974	14.322				
1517-22-2	Phenanthrene-d10	2595923	17.069				
1719-03-5	Chrysene-d12	2055154	21.298				
1520-96-3	Perylene-d12	1911481	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	200	J			17.975	
000203-64-5	4H-Cyclopenta[def]phenanthrene	110	J			18.134	
1000406-04-8	Pentadecafluorooctanoic acid, octa	150	J			20.992	
000192-97-2	Benzo[e]pyrene	87	J			23.539	
000198-55-0	Perylene	280	J			23.963	
E966796	Total Alkanes	53	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH644	SDG No.:	BN052924
Lab Sample ID:	P2569-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
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
BN031708.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

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	92.7	370	ug/Kg
110-86-1	Pyridine	13	U	13	190	370	ug/Kg
108-95-2	Phenol	51	U	51	92.7	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	92.7	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	47.8	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.7	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	92.7	370	ug/Kg
98-86-2	Acetophenone	66	U	66	92.7	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	92.7	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	92.7	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	92.7	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:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH644	SDG No.:	BN052924
Lab Sample ID:	P2569-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
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
BN031708.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

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	97	J	52	47.8	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	92.7	370	ug/Kg
83-32-9	Acenaphthene	56	U	56	47.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	92.7	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	92.7	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	92.7	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	92.7	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	92.7	370	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	92.7	370	ug/Kg
85-01-8	Phenanthrene	530		60	47.8	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	47.8	190	ug/Kg
120-12-7	Anthracene	140	J	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	83	J	69	92.7	370	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	47.8	190	ug/Kg
206-44-0	Fluoranthene	1700		51	92.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH644	SDG No.:	BN052924
Lab Sample ID:	P2569-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
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
BN031708.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		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	92.7	370	ug/Kg
56-55-3	Benzo(a)anthracene	790		44	47.8	190	ug/Kg
218-01-9	Chrysene	800		52	47.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	98	J	48	47.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	92.7	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	960		54	47.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	340		65	47.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	730		64	47.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	440		51	47.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	58	47.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	560		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	2.975		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	10.958		20-120		27	SPK: -40
4165-62-2	Phenol-d5	18.11		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.745		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.269		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	15.583		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	18.847		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.825		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.237		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.003		1-145		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.768		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	20.214		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.91		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	19.989		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH644	SDG No.:	BN052924
Lab Sample ID:	P2569-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
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
BN031708.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.129		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	20.442		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	25.919		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.479		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	586425	7.687				
1146-65-2	Naphthalene-d8	2520112	10.469				
15067-26-2	Acenaphthene-d10	1544570	14.322				
1517-22-2	Phenanthrene-d10	2895405	17.069				
1719-03-5	Chrysene-d12	1697001	21.298				
1520-96-3	Perylene-d12	1817369	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	240	J			3.705	
000610-48-0	Anthracene, 1-methyl-	110	J			17.945	
000057-10-3	n-Hexadecanoic acid	360	J			17.974	
	unknown-02	190	J			18.133	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	86	J			18.174	
000084-65-1	9,10-Anthracenedione	87	J			18.486	
003674-66-6	Phenanthrene, 2,5-dimethyl-	99	J			18.869	
005737-13-3	Cyclopenta(def)phenanthrenone	110	J			19.004	
002381-21-7	Pyrene, 1-methyl-	78	J			19.816	
000238-84-6	11H-Benzo[a]fluorene	75	J			19.986	
000479-79-8	11H-Benzo[a]fluoren-11-one	110	J			20.733	
027208-37-3	Cyclopenta[cd]pyrene	130	J			20.992	
000082-05-3	7H-Benz[de]anthracen-7-one	79	J			21.051	
000192-97-2	Benzo[e]pyrene	350	J			23.968	
E966796	Total Alkanes	52	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH645	SDG No.:	BN052924
Lab Sample ID:	P2569-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031709.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8	81	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99.8	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	54	U	54	99.8	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99.8	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.4	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.8	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99.8	400	ug/Kg
98-86-2	Acetophenone	71	U	71	99.8	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	99.8	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.4	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.4	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.4	210	ug/Kg
78-59-1	Isophorone	44	U	44	51.4	210	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	51.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.4	210	ug/Kg
91-20-3	Naphthalene	40	U	40	51.4	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.4	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51.4	210	ug/Kg
105-60-2	Caprolactam	48	U	48	99.8	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	51.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99.8	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.4	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH645	SDG No.:	BN052924
Lab Sample ID:	P2569-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031709.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.4	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.4	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51.4	210	ug/Kg
208-96-8	Acenaphthylene	140	J	56	51.4	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99.8	400	ug/Kg
83-32-9	Acenaphthene	60	U	60	51.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	99.8	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99.8	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	51.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.4	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.4	210	ug/Kg
86-73-7	Fluorene	70	U	70	51.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.4	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99.8	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99.8	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.4	210	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.4	210	ug/Kg
1912-24-9	Atrazine	13	U	13	99.8	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	99.8	400	ug/Kg
85-01-8	Phenanthrene	1100		64	51.4	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51.4	210	ug/Kg
120-12-7	Anthracene	290		57	51.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.4	210	ug/Kg
86-74-8	Carbazole	130	J	74	99.8	400	ug/Kg
84-74-2	Di-n-butylphthalate	110	J	69	51.4	210	ug/Kg
206-44-0	Fluoranthene	3000		54	99.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH645	SDG No.:	BN052924
Lab Sample ID:	P2569-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031709.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2600		56	51.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99.8	400	ug/Kg
56-55-3	Benzo(a)anthracene	1300		47	51.4	210	ug/Kg
218-01-9	Chrysene	1300		56	51.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	84	J	52	51.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99.8	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		58	51.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	460		70	51.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	1100		69	51.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	630		54	51.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210		63	51.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	770		56	51.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.4	210	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	16.441		20-120		41	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.991		15-120		50	SPK: -8
4165-62-2	Phenol-d5	23.703		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.104		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.738		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	20.591		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	24.787		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.098		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.288		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.734		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.677		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.543		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.937		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	26.689		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH645	SDG No.:	BN052924
Lab Sample ID:	P2569-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031709.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.769		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	27.264		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	35.343		10-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.089		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	519173	7.687				
1146-65-2	Naphthalene-d8	2234811	10.475				
15067-26-2	Acenaphthene-d10	1365930	14.328				
1517-22-2	Phenanthrene-d10	2607620	17.075				
1719-03-5	Chrysene-d12	1484949	21.31				
1520-96-3	Perylene-d12	1642332	24.257				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	210	J			3.711	
000832-69-9	Phenanthrene, 1-methyl-	240	J			17.951	
002531-84-2	Phenanthrene, 2-methyl-	490	J			17.998	
000203-64-5	4H-Cyclopenta[def]phenanthrene	390	J			18.145	
000779-02-2	Anthracene, 9-methyl-	170	J			18.18	
000612-94-2	Naphthalene, 2-phenyl-	140	J			18.451	
000084-65-1	9,10-Anthracenedione	130	J			18.492	
003674-66-6	Phenanthrene, 2,5-dimethyl-	180	J			18.875	
001576-67-6	Phenanthrene, 3,6-dimethyl-	130	J			18.933	
005737-13-3	Cyclopenta(def)phenanthrenone	180	J			19.016	
002381-21-7	Pyrene, 1-methyl-	120	J			19.833	
000243-17-4	11H-Benzo[b]fluorene	110	J			19.998	
033543-31-6	Fluoranthene, 2-methyl-	110	J			20.151	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			20.745	
	unknown-02	160	J			20.998	
000082-05-3	7H-Benz[de]anthracen-7-one	110	J			21.057	
000198-55-0	Perylene	570	J			23.98	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH645	SDG No.:	BN052924
Lab Sample ID:	P2569-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031709.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	56	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH649	SDG No.:	BN052924
Lab Sample ID:	P2569-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
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
BN031710.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.6	76	ug/Kg
100-52-7	Benzaldehyde	55	U	55	94.6	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	52	U	52	94.6	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	94.6	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.7	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.6	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	94.6	380	ug/Kg
98-86-2	Acetophenone	68	U	68	94.6	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	94.6	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48.7	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.7	190	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.7	190	ug/Kg
78-59-1	Isophorone	41	U	41	48.7	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.7	U	9.7	48.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	36	U	36	48.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.7	190	ug/Kg
91-20-3	Naphthalene	38	U	38	48.7	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	48.7	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	48.7	190	ug/Kg
105-60-2	Caprolactam	46	U	46	94.6	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	94.6	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH649	SDG No.:	BN052924
Lab Sample ID:	P2569-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
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
BN031710.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	48.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48.7	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.7	190	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	48.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.7	190	ug/Kg
208-96-8	Acenaphthylene	53	U	53	48.7	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	94.6	380	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	94.6	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94.6	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	48.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.7	190	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.7	190	ug/Kg
86-73-7	Fluorene	67	U	67	48.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	48.7	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	94.6	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	94.6	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	48.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	48.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.7	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.7	190	ug/Kg
1912-24-9	Atrazine	13	U	13	94.6	380	ug/Kg
87-86-5	Pentachlorophenol	44	U	44	94.6	380	ug/Kg
85-01-8	Phenanthrene	80	J	61	48.7	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.7	190	ug/Kg
120-12-7	Anthracene	54	U	54	48.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.7	190	ug/Kg
86-74-8	Carbazole	70	U	70	94.6	380	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.7	190	ug/Kg
206-44-0	Fluoranthene	280		52	94.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH649	SDG No.:	BN052924
Lab Sample ID:	P2569-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
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
BN031710.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	250		53	48.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	94.6	380	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	45	48.7	190	ug/Kg
218-01-9	Chrysene	150	J	53	48.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95	J	49	48.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	94.6	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	J	55	48.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	67	U	67	48.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	65	48.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	90	J	52	48.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	48.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	53	48.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	48.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.932		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	18.576		20-120		46	SPK: -40
4165-62-2	Phenol-d5	23.615		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.679		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.625		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	21.775		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	25.73		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.233		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.532		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.055		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.374		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.631		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.552		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	26.776		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH649	SDG No.:	BN052924
Lab Sample ID:	P2569-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.8
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
BN031710.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.593		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	27.829		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	31.895		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.242		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	581494	7.693				
1146-65-2	Naphthalene-d8	2468897	10.475				
15067-26-2	Acenaphthene-d10	1432448	14.328				
1517-22-2	Phenanthrene-d10	2621532	17.075				
1719-03-5	Chrysene-d12	1770538	21.31				
1520-96-3	Perylene-d12	2016244	24.257				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	180	J			17.975	
	(DEL) Alkane: Cyclic	180	J			20.998	
E966796	Total Alkanes	180				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH699	SDG No.:	BN052924
Lab Sample ID:	P2569-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.7
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
BN031711.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

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	90.1	360	ug/Kg
110-86-1	Pyridine	13	U	13	180	360	ug/Kg
108-95-2	Phenol	49	U	49	90.1	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	90.1	360	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	46.4	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.1	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	90.1	360	ug/Kg
98-86-2	Acetophenone	64	U	64	90.1	360	ug/Kg
106-44-5	4-Methylphenol	45	U	45	90.1	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	29	U	29	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	90.1	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	90.1	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	53	U	53	46.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH699	SDG No.:	BN052924
Lab Sample ID:	P2569-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.7
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
BN031711.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

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	41	U	41	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	90.1	360	ug/Kg
83-32-9	Acenaphthene	55	U	55	46.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	35	U	35	90.1	360	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	90.1	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	90.1	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	90.1	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	90.1	360	ug/Kg
87-86-5	Pentachlorophenol	41	U	41	90.1	360	ug/Kg
85-01-8	Phenanthrene	160	J	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	90.1	360	ug/Kg
84-74-2	Di-n-butylphthalate	62	U	62	46.4	190	ug/Kg
206-44-0	Fluoranthene	390		49	90.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH699	SDG No.:	BN052924
Lab Sample ID:	P2569-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.7
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
BN031711.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	340		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	90.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	43	46.4	190	ug/Kg
218-01-9	Chrysene	170	J	50	46.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	J	47	46.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	47	U	47	90.1	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	220		52	46.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	79	J	63	46.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	62	46.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	J	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	130	J	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	3.372		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	15.89		20-120		40	SPK: -40
4165-62-2	Phenol-d5	23.256		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.163		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.551		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	22.663		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	23.97		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.602		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.394		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.763		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.12		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.676		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.771		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	25.088		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH699	SDG No.:	BN052924
Lab Sample ID:	P2569-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.7
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
BN031711.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.147		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	26.403		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	32.662		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.469		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	548807	7.687				
1146-65-2	Naphthalene-d8	2417187	10.475				
15067-26-2	Acenaphthene-d10	1479105	14.328				
1517-22-2	Phenanthrene-d10	2792737	17.075				
1719-03-5	Chrysene-d12	1729270	21.31				
1520-96-3	Perylene-d12	1725833	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	210	J			17.974	
	(DEL) Alkane: Cyclic	20.998	J			20.998	
E966796	Total Alkanes	170				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A5	SDG No.:	BN052924
Lab Sample ID:	P2569-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BN031712.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.1	81	ug/Kg
100-52-7	Benzaldehyde	59	U	59	100	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	55	U	55	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.8	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	100	400	ug/Kg
98-86-2	Acetophenone	72	U	72	100	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.8	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	51.8	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.8	210	ug/Kg
78-59-1	Isophorone	44	U	44	51.8	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	51.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	51.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.8	210	ug/Kg
91-20-3	Naphthalene	40	U	40	51.8	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	51.8	400	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	51.8	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	51.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	66	J	23	51.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	51.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	51.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A5	SDG No.:	BN052924
Lab Sample ID:	P2569-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BN031712.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.8	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.8	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	51.8	210	ug/Kg
208-96-8	Acenaphthylene	56	U	56	51.8	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	400	ug/Kg
83-32-9	Acenaphthene	61	U	61	51.8	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	100	400	ug/Kg
132-64-9	Dibenzofuran	49	U	49	51.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.8	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.8	210	ug/Kg
86-73-7	Fluorene	71	U	71	51.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	51.8	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	51.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	51.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.8	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.8	210	ug/Kg
1912-24-9	Atrazine	13	U	13	100	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	100	400	ug/Kg
85-01-8	Phenanthrene	1100		65	51.8	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51.8	210	ug/Kg
120-12-7	Anthracene	79	J	57	51.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.8	210	ug/Kg
86-74-8	Carbazole	74	U	74	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	51.8	210	ug/Kg
206-44-0	Fluoranthene	1100		55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A5	SDG No.:	BN052924
Lab Sample ID:	P2569-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BN031712.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		56	51.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	420		48	51.8	210	ug/Kg
218-01-9	Chrysene	650		56	51.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	78	J	52	51.8	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	560		59	51.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	J	71	51.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	430		70	51.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	280		55	51.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	J	63	51.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	340		56	51.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.8	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.308		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	11.699		20-120		29	SPK: -40
4165-62-2	Phenol-d5	20.4		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.821		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.707		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	18.741		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	21.47		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.574		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.094		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.252		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.549		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	22.236		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.225		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	22.004		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A5	SDG No.:	BN052924
Lab Sample ID:	P2569-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031712.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.821		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	23.456		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	31.272		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.535		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	583184	7.687				
1146-65-2	Naphthalene-d8	2515969	10.475				
15067-26-2	Acenaphthene-d10	1544935	14.328				
1517-22-2	Phenanthrene-d10	2891525	17.075				
1719-03-5	Chrysene-d12	1687529	21.31				
1520-96-3	Perylene-d12	1818488	24.251				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	110	J			3.711	
000486-25-9	9H-Fluoren-9-one	130	J			16.728	
016587-52-3	Dibenzothiophene, 3-methyl-	96	J			17.651	
002531-84-2	Phenanthrene, 2-methyl-	300	J			17.951	
000613-12-7	Anthracene, 2-methyl-	460	J			17.998	
004505-48-0	1H-Indene, 2-phenyl-	390	J			18.14	
000832-64-4	Phenanthrene, 4-methyl-	230	J			18.181	
006572-60-7	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4	160	J			18.451	
000084-65-1	9,10-Anthracenedione	360	J			18.498	
003674-69-9	Phenanthrene, 4,5-dimethyl-	84	J			18.698	
003674-66-6	Phenanthrene, 2,5-dimethyl-	240	J			18.875	
001576-67-6	Phenanthrene, 3,6-dimethyl-	100	J			18.928	
005737-13-3	Cyclopenta(def)phenanthrenone	210	J			19.016	
000084-54-8	9,10-Anthracenedione, 2-methyl-	99	J			19.339	
000243-17-4	11H-Benzo[b]fluorene	200	J			19.828	
002381-21-7	Pyrene, 1-methyl-	110	J			19.963	
003353-12-6	Pyrene, 4-methyl-	120	J			20.157	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A5	SDG No.:	BN052924
Lab Sample ID:	P2569-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BN031712.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000238-84-6	11H-Benzo[a]fluorene	120	J			20.298	
033543-31-6	Fluoranthene, 2-methyl-	100	J			20.339	
000479-79-8	11H-Benzo[a]fluoren-11-one	150	J			20.745	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	110	J			20.916	
	(DEL) Alkane: Straight-Chain20.998	240	J			20.998	
000082-05-3	7H-Benz[de]anthracen-7-one	110	J			21.057	
	(DEL) Alkane: Straight-Chain21.510	130	J			21.51	
	(DEL) Alkane: Straight-Chain22.063	200	J			22.063	
000192-97-2	Benzo[e]pyrene	280	J			23.98	
E966796	Total Alkanes	570				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A6	SDG No.:	BN052924
Lab Sample ID:	P2569-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.2
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
BN031713.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.1	82	ug/Kg
100-52-7	Benzaldehyde	59	U	59	100	410	ug/Kg
110-86-1	Pyridine	15	U	15	200	410	ug/Kg
108-95-2	Phenol	56	U	56	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	52.4	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	100	410	ug/Kg
98-86-2	Acetophenone	73	U	73	100	410	ug/Kg
106-44-5	4-Methylphenol	51	U	51	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	52.4	210	ug/Kg
67-72-1	Hexachloroethane	20	U	20	52.4	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	52.4	210	ug/Kg
78-59-1	Isophorone	44	U	44	52.4	210	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	52.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	52.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	52.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	52.4	210	ug/Kg
91-20-3	Naphthalene	140	J	41	52.4	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52.4	410	ug/Kg
87-68-3	Hexachlorobutadiene	32	U	32	52.4	210	ug/Kg
105-60-2	Caprolactam	49	U	49	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	52.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	270		23	52.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	170	J	46	52.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	52.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	60	U	60	52.4	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A6	SDG No.:	BN052924
Lab Sample ID:	P2569-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031713.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	52.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	52.4	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.4	210	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	52.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	52.4	210	ug/Kg
208-96-8	Acenaphthylene	57	U	57	52.4	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	100	410	ug/Kg
83-32-9	Acenaphthene	170	J	62	52.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	100	410	ug/Kg
100-02-7	4-Nitrophenol	14	U	14	100	410	ug/Kg
132-64-9	Dibenzofuran	49	U	49	52.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	52.4	210	ug/Kg
84-66-2	Diethylphthalate	51	U	51	52.4	210	ug/Kg
86-73-7	Fluorene	170	J	72	52.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52.4	210	ug/Kg
100-01-6	4-Nitroaniline	20	U	20	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	52.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	52.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	52.4	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.4	210	ug/Kg
1912-24-9	Atrazine	14	U	14	100	410	ug/Kg
87-86-5	Pentachlorophenol	47	U	47	100	410	ug/Kg
85-01-8	Phenanthrene	2700		65	52.4	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	52.4	210	ug/Kg
120-12-7	Anthracene	200	J	58	52.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.9	U	6.9	52.4	210	ug/Kg
86-74-8	Carbazole	75	U	75	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	52.4	210	ug/Kg
206-44-0	Fluoranthene	2100		56	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A6	SDG No.:	BN052924
Lab Sample ID:	P2569-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.2
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
BN031713.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2800		57	52.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	53	U	53	52.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	31	U	31	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	800		48	52.4	210	ug/Kg
218-01-9	Chrysene	1300		57	52.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	52.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		59	52.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	330		72	52.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	790		70	52.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	630		56	52.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240		64	52.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	770		57	52.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	52.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.01		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	13.696		20-120		34	SPK: -40
4165-62-2	Phenol-d5	19.214		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.439		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.155		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	18.029		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	19.436		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.797		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.548		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.045		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.896		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	20.172		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.782		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	19.837		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A6	SDG No.:	BN052924
Lab Sample ID:	P2569-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.2
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
BN031713.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.861		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	21.493		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	27.416		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.283		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	588417	7.693				
1146-65-2	Naphthalene-d8	2553351	10.475				
15067-26-2	Acenaphthene-d10	1529483	14.328				
1517-22-2	Phenanthrene-d10	2640173	17.075				
1719-03-5	Chrysene-d12	1512666	21.31				
1520-96-3	Perylene-d12	1723870	24.262				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	160	J			3.711	
000582-16-1	Naphthalene, 2,7-dimethyl-	130	J			13.504	
000575-43-9	Naphthalene, 1,6-dimethyl-	250	J			13.651	
000486-25-9	9H-Fluoren-9-one	370	J			16.733	
000132-65-0	Dibenzothiophene	240	J			16.892	
000090-44-8	Anthrone	130	J			17.386	
1000383-55-1	2-Methyldibenzothiophene	260	J			17.657	
000101-77-9	Benzenamine, 4,4-methylenebis-	150	J			17.798	
1000400-30-3	9-anthracenol	140	J			17.875	
002531-84-2	Phenanthrene, 2-methyl-	840	J			17.951	
000613-12-7	Anthracene, 2-methyl-	910	J			17.998	
000610-48-0	Anthracene, 1-methyl-	920	J			18.139	
000832-69-9	Phenanthrene, 1-methyl-	620	J			18.18	
000612-94-2	Naphthalene, 2-phenyl-	400	J			18.457	
000084-65-1	9,10-Anthracenedione	870	J			18.498	
003674-69-9	Phenanthrene, 4,5-dimethyl-	160	J			18.704	
003674-66-6	Phenanthrene, 2,5-dimethyl-	580	J			18.875	

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	BH6A6	SDG No.:	BN052924
Lab Sample ID:	P2569-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.2
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
BN031713.D	1	5/24/2024 12:00:00 AM	5/30/2024 12:00:00 AM	PB161110

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000781-43-1	9,10-Dimethylanthracene	240	J			18.927	
005737-13-3	Cyclopenta(def)phenanthrenone	520	J			19.016	
000084-54-8	9,10-Anthracenedione, 2-methyl-	170	J			19.339	
002381-21-7	Pyrene, 1-methyl-	330	J			19.827	
000243-17-4	11H-Benzo[b]fluorene	390	J			19.992	
003353-12-6	Pyrene, 4-methyl-	220	J			20.157	
033543-31-6	Fluoranthene, 2-methyl-	230	J			20.298	
003442-78-2	Pyrene, 2-methyl-	170	J			20.339	
000479-79-8	11H-Benzo[a]fluoren-11-one	250	J			20.745	
080252-14-8	6H-Benz[de]anthracen-6-one	190	J			20.91	
027208-37-3	Cyclopenta[cd]pyrene	140	J			20.998	
000082-05-3	7H-Benz[de]anthracen-7-one	170	J			21.063	
000198-55-0	Perylene	910	J			23.992	
E966796	Total Alkanes	57	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BH5R6								
P2569-01	BH5R6	Solid	4H-Cyclopenta[def]phenanthrene *	110.000	J			
P2569-01	BH5R6	Solid	Benzo[e]pyrene *	87.000	J			
P2569-01	BH5R6	Solid	n-Hexadecanoic acid *	200.000	J			
P2569-01	BH5R6	Solid	Pentadecafluorooctanoic acid, oct: *	150.000	J			
P2569-01	BH5R6	Solid	Perylene *	280.000	J			
P2569-01	BH5R6	Solid	Total Alkanes *	0.000		53	200	ug/Kg
Total Tics :				827.00				
P2569-01	BH5R6	Solid	Acenaphthene	75.000	J	58	200	ug/Kg
P2569-01	BH5R6	Solid	Anthracene	110.000	J	54	200	ug/Kg
P2569-01	BH5R6	Solid	Benzo(a)anthracene	430.000		45	200	ug/Kg
P2569-01	BH5R6	Solid	Benzo(a)pyrene	500.000		66	200	ug/Kg
P2569-01	BH5R6	Solid	Benzo(b)fluoranthene	740.000		55	200	ug/Kg
P2569-01	BH5R6	Solid	Benzo(g,h,i)perylene	330.000		53	200	ug/Kg
P2569-01	BH5R6	Solid	Benzo(k)fluoranthene	240.000		67	200	ug/Kg
P2569-01	BH5R6	Solid	Bis(2-ethylhexyl)phthalate	92.000	J	50	200	ug/Kg
P2569-01	BH5R6	Solid	Carbazole	100.000	J	71	380	ug/Kg
P2569-01	BH5R6	Solid	Chrysene	510.000		53	200	ug/Kg
P2569-01	BH5R6	Solid	Dibenzo(a,h)anthracene	86.000	J	60	200	ug/Kg
P2569-01	BH5R6	Solid	Fluoranthene	1,000.000		52	200	ug/Kg
P2569-01	BH5R6	Solid	Indeno(1,2,3-cd)pyrene	280.000		52	200	ug/Kg
P2569-01	BH5R6	Solid	Naphthalene	63.000	J	38	200	ug/Kg
P2569-01	BH5R6	Solid	Phenanthrene	640.000		61	200	ug/Kg
P2569-01	BH5R6	Solid	Pyrene	830.000		53	200	ug/Kg
Total Svoc :				6,026.00				
Total Concentration:				6,853.00				
Client ID : BH644								
P2569-04	BH644	Solid	11H-Benzo[a]fluoren-11-one *	110.000	J			
P2569-04	BH644	Solid	11H-Benzo[a]fluorene *	75.000	J			
P2569-04	BH644	Solid	1H-Cyclopropa[l]phenanthrene, 1a *	86.000	J			
P2569-04	BH644	Solid	7H-Benz[de]anthracen-7-one *	79.000	J			
P2569-04	BH644	Solid	9,10-Anthracenedione *	87.000	J			
P2569-04	BH644	Solid	Anthracene, 1-methyl- *	110.000	J			
P2569-04	BH644	Solid	Benzo[e]pyrene *	350.000	J			
P2569-04	BH644	Solid	Cyclopenta(def)phenanthrenone *	110.000	J			
P2569-04	BH644	Solid	Cyclopenta[cd]pyrene *	130.000	J			
P2569-04	BH644	Solid	n-Hexadecanoic acid *	360.000	J			
P2569-04	BH644	Solid	Phenanthrene, 2,5-dimethyl- *	99.000	J			

Hit Summary Sheet SW-846

SDG No.: BN052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P2569-04	BH644	Solid	Pyrene, 1-methyl-	*	78.000	J			
P2569-04	BH644	Solid	unknown-01	*	240.000	J			
P2569-04	BH644	Solid	unknown-02	*	190.000	J			
P2569-04	BH644	Solid	Total Alkanes	*	0.000	52	190	ug/Kg	
Total Tics :				2,104.00					
P2569-04	BH644	Solid	Acenaphthylene		97.000	J	52	190	ug/Kg
P2569-04	BH644	Solid	Anthracene		140.000	J	53	190	ug/Kg
P2569-04	BH644	Solid	Benzo(a)anthracene		790.000		44	190	ug/Kg
P2569-04	BH644	Solid	Benzo(a)pyrene		730.000		64	190	ug/Kg
P2569-04	BH644	Solid	Benzo(b)fluoranthene		960.000		54	190	ug/Kg
P2569-04	BH644	Solid	Benzo(g,h,i)perylene		560.000		52	190	ug/Kg
P2569-04	BH644	Solid	Benzo(k)fluoranthene		340.000		65	190	ug/Kg
P2569-04	BH644	Solid	Bis(2-ethylhexyl)phthalate		98.000	J	48	190	ug/Kg
P2569-04	BH644	Solid	Carbazole		83.000	J	69	370	ug/Kg
P2569-04	BH644	Solid	Chrysene		800.000		52	190	ug/Kg
P2569-04	BH644	Solid	Dibenzo(a,h)anthracene		150.000	J	58	190	ug/Kg
P2569-04	BH644	Solid	Fluoranthene		1,700.000		51	190	ug/Kg
P2569-04	BH644	Solid	Indeno(1,2,3-cd)pyrene		440.000		51	190	ug/Kg
P2569-04	BH644	Solid	Phenanthrene		530.000		60	190	ug/Kg
P2569-04	BH644	Solid	Pyrene		1,500.000		52	190	ug/Kg
Total Svoc :				8,918.00					
Total Concentration:				11,022.00					
Client ID : BH645									
P2569-05	BH645	Solid	11H-Benzo[a]fluoren-11-one	*	100.000	J			
P2569-05	BH645	Solid	11H-Benzo[b]fluorene	*	110.000	J			
P2569-05	BH645	Solid	4H-Cyclopenta[def]phenanthrene	*	390.000	J			
P2569-05	BH645	Solid	7H-Benz[de]anthracen-7-one	*	110.000	J			
P2569-05	BH645	Solid	9,10-Anthracenedione	*	130.000	J			
P2569-05	BH645	Solid	Anthracene, 9-methyl-	*	170.000	J			
P2569-05	BH645	Solid	Cyclopenta(def)phenanthrenone	*	180.000	J			
P2569-05	BH645	Solid	Fluoranthene, 2-methyl-	*	110.000	J			
P2569-05	BH645	Solid	Naphthalene, 2-phenyl-	*	140.000	J			
P2569-05	BH645	Solid	Perylene	*	570.000	J			
P2569-05	BH645	Solid	Phenanthrene, 1-methyl-	*	240.000	J			
P2569-05	BH645	Solid	Phenanthrene, 2,5-dimethyl-	*	180.000	J			
P2569-05	BH645	Solid	Phenanthrene, 2-methyl-	*	490.000	J			
P2569-05	BH645	Solid	Phenanthrene, 3,6-dimethyl-	*	130.000	J			
P2569-05	BH645	Solid	Pyrene, 1-methyl-	*	120.000	J			
P2569-05	BH645	Solid	unknown-01	*	210.000	J			
P2569-05	BH645	Solid	unknown-02	*	160.000	J			

Hit Summary Sheet SW-846

SDG No.: BN052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2569-05	BH645	Solid	Total Alkanes	*	0.000	56	210	ug/Kg
Total Tics :				3,540.00				
P2569-05	BH645	Solid	Acenaphthylene	140.000	J	56	210	ug/Kg
P2569-05	BH645	Solid	Anthracene	290.000		57	210	ug/Kg
P2569-05	BH645	Solid	Benzo(a)anthracene	1,300.000		47	210	ug/Kg
P2569-05	BH645	Solid	Benzo(a)pyrene	1,100.000		69	210	ug/Kg
P2569-05	BH645	Solid	Benzo(b)fluoranthene	1,500.000		58	210	ug/Kg
P2569-05	BH645	Solid	Benzo(g,h,i)perylene	770.000		56	210	ug/Kg
P2569-05	BH645	Solid	Benzo(k)fluoranthene	460.000		70	210	ug/Kg
P2569-05	BH645	Solid	Bis(2-ethylhexyl)phthalate	84.000	J	52	210	ug/Kg
P2569-05	BH645	Solid	Carbazole	130.000	J	74	400	ug/Kg
P2569-05	BH645	Solid	Chrysene	1,300.000		56	210	ug/Kg
P2569-05	BH645	Solid	Di-n-butylphthalate	110.000	J	69	210	ug/Kg
P2569-05	BH645	Solid	Dibenzo(a,h)anthracene	210.000		63	210	ug/Kg
P2569-05	BH645	Solid	Fluoranthene	3,000.000		54	210	ug/Kg
P2569-05	BH645	Solid	Indeno(1,2,3-cd)pyrene	630.000		54	210	ug/Kg
P2569-05	BH645	Solid	Phenanthrene	1,100.000		64	210	ug/Kg
P2569-05	BH645	Solid	Pyrene	2,600.000		56	210	ug/Kg
Total Svoc :				14,724.00				
Total Concentration:				18,264.00				
Client ID : BH646								
P2569-06	BH646	Solid	(DEL) Alkane: Cyclic20.992	*	85.000	J		
P2569-06	BH646	Solid	Benzo[e]pyrene	*	80.000	J		
P2569-06	BH646	Solid	n-Hexadecanoic acid	*	120.000	J		
P2569-06	BH646	Solid	Total Alkanes	*	85.000	50	190	ug/Kg
Total Tics :				370.00				
P2569-06	BH646	Solid	Benzo(a)anthracene	190.000		43	190	ug/Kg
P2569-06	BH646	Solid	Benzo(a)pyrene	170.000	J	62	190	ug/Kg
P2569-06	BH646	Solid	Benzo(b)fluoranthene	250.000		52	190	ug/Kg
P2569-06	BH646	Solid	Benzo(g,h,i)perylene	100.000	J	50	190	ug/Kg
P2569-06	BH646	Solid	Benzo(k)fluoranthene	94.000	J	63	190	ug/Kg
P2569-06	BH646	Solid	Chrysene	200.000		50	190	ug/Kg
P2569-06	BH646	Solid	Fluoranthene	350.000		49	190	ug/Kg
P2569-06	BH646	Solid	Indeno(1,2,3-cd)pyrene	92.000	J	49	190	ug/Kg
P2569-06	BH646	Solid	Phenanthrene	130.000	J	58	190	ug/Kg
P2569-06	BH646	Solid	Pyrene	330.000		50	190	ug/Kg
Total Svoc :				1,906.00				
Total Concentration:				2,276.00				
Client ID : BH647								
P2569-07	BH647	Solid	(DEL) Alkane: Straight-Chain17.4	*	120.000	J		

Hit Summary Sheet SW-846

SDG No.: BN052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2569-07	BH647	Solid	(DEL) Alkane: Straight-Chain20.5	*	190.000	J		
P2569-07	BH647	Solid	(DEL) Alkane: Straight-Chain23.4	*	87.000	J		
P2569-07	BH647	Solid	(DEL) Alkane: Straight-Chain25.3	*	170.000	J		
P2569-07	BH647	Solid	1-Hexadecanol	*	280.000	J		
P2569-07	BH647	Solid	1-Hexanol, 2-ethyl-	*	280.000	J		
P2569-07	BH647	Solid	Benzo[e]pyrene	*	140.000	J		
P2569-07	BH647	Solid	Hexadecanoic acid, methyl ester	*	79.000	J		
P2569-07	BH647	Solid	Methyl stearate	*	95.000	J		
P2569-07	BH647	Solid	n-Hexadecanoic acid	*	450.000	J		
P2569-07	BH647	Solid	Octadecanoic acid	*	170.000	J		
P2569-07	BH647	Solid	Total Alkanes	*	570.000		54	200 ug/Kg
Total Tics :					2,631.00			
P2569-07	BH647	Solid	Benzo(a)anthracene		290.000		46	200 ug/Kg
P2569-07	BH647	Solid	Benzo(a)pyrene		290.000		67	200 ug/Kg
P2569-07	BH647	Solid	Benzo(b)fluoranthene		410.000		57	200 ug/Kg
P2569-07	BH647	Solid	Benzo(g,h,i)perylene	J	170.000		54	200 ug/Kg
P2569-07	BH647	Solid	Benzo(k)fluoranthene	J	160.000		68	200 ug/Kg
P2569-07	BH647	Solid	Bis(2-ethylhexyl)phthalate	E	9,700.000		51	200 ug/Kg
P2569-07	BH647	Solid	Butylbenzylphthalate	J	100.000		51	200 ug/Kg
P2569-07	BH647	Solid	Chrysene		310.000		54	200 ug/Kg
P2569-07	BH647	Solid	Fluoranthene		550.000		53	200 ug/Kg
P2569-07	BH647	Solid	Indeno(1,2,3-cd)pyrene	J	150.000		53	200 ug/Kg
P2569-07	BH647	Solid	Phenanthrene	J	180.000		63	200 ug/Kg
P2569-07	BH647	Solid	Pyrene		510.000		54	200 ug/Kg
Total Svoc :					12,820.00			
Total Concentration:					15,451.00			
Client ID : BH648								
P2569-08	BH648	Solid	11H-Benzo[a]fluoren-11-one	*	81.000	J		
P2569-08	BH648	Solid	11H-Benzo[b]fluorene	*	82.000	J		
P2569-08	BH648	Solid	4H-Cyclopenta[def]phenanthrene	*	240.000	J		
P2569-08	BH648	Solid	7H-Benz[de]anthracen-7-one	*	99.000	J		
P2569-08	BH648	Solid	9,10-Anthracenedione	*	110.000	J		
P2569-08	BH648	Solid	Benzo[e]pyrene	*	390.000	J		
P2569-08	BH648	Solid	Cyclopenta(def)phenanthrenone	*	120.000	J		
P2569-08	BH648	Solid	Fluoranthene, 2-methyl-	*	90.000	J		
P2569-08	BH648	Solid	n-Hexadecanoic acid	*	350.000	J		
P2569-08	BH648	Solid	Naphthalene, 2-phenyl-	*	120.000	J		
P2569-08	BH648	Solid	Pentadecafluorooctanoic acid, oct-	*	170.000	J		
P2569-08	BH648	Solid	Perylene	*	140.000	J		
P2569-08	BH648	Solid	Phenanthrene, 2,5-dimethyl-	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BN052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2569-08	BH648	Solid	Phenanthrene, 2-methyl-	*	130.000	J		
P2569-08	BH648	Solid	Phenanthrene, 4-methyl-	*	81.000	J		
P2569-08	BH648	Solid	Pyrene, 1-methyl-	*	85.000	J		
P2569-08	BH648	Solid	unknown-01	*	92.000	J		
P2569-08	BH648	Solid	unknown-02	*	77.000	J		
P2569-08	BH648	Solid	Total Alkanes	*	0.000		53	190 ug/Kg
Total Tics :				2,567.00				
P2569-08	BH648	Solid	Acenaphthylene		73.000	J	53	190 ug/Kg
P2569-08	BH648	Solid	Anthracene		220.000		54	190 ug/Kg
P2569-08	BH648	Solid	Benzo(a)anthracene		800.000		45	190 ug/Kg
P2569-08	BH648	Solid	Benzo(a)pyrene		720.000		65	190 ug/Kg
P2569-08	BH648	Solid	Benzo(b)fluoranthene		980.000		55	190 ug/Kg
P2569-08	BH648	Solid	Benzo(g,h,i)perylene		400.000		53	190 ug/Kg
P2569-08	BH648	Solid	Benzo(k)fluoranthene		350.000		66	190 ug/Kg
P2569-08	BH648	Solid	Bis(2-ethylhexyl)phthalate		3,700.000	E	49	190 ug/Kg
P2569-08	BH648	Solid	Butylbenzylphthalate		57.000	J	49	190 ug/Kg
P2569-08	BH648	Solid	Carbazole		81.000	J	70	380 ug/Kg
P2569-08	BH648	Solid	Chrysene		770.000		53	190 ug/Kg
P2569-08	BH648	Solid	Dibenzo(a,h)anthracene		120.000	J	59	190 ug/Kg
P2569-08	BH648	Solid	Fluoranthene		1,600.000		51	190 ug/Kg
P2569-08	BH648	Solid	Indeno(1,2,3-cd)pyrene		350.000		51	190 ug/Kg
P2569-08	BH648	Solid	Phenanthrene		850.000		61	190 ug/Kg
P2569-08	BH648	Solid	Pyrene		1,400.000		53	190 ug/Kg
Total Svoc :				12,471.00				
Total Concentration:				15,038.00				
Client ID : BH649								
P2569-09	BH649	Solid	(DEL) Alkane: Cyclic20.998	*	180.000	J		
P2569-09	BH649	Solid	n-Hexadecanoic acid	*	180.000	J		
P2569-09	BH649	Solid	Total Alkanes	*	180.000		53	190 ug/Kg
Total Tics :				540.00				
P2569-09	BH649	Solid	Benzo(a)anthracene		140.000	J	45	190 ug/Kg
P2569-09	BH649	Solid	Benzo(a)pyrene		140.000	J	65	190 ug/Kg
P2569-09	BH649	Solid	Benzo(b)fluoranthene		180.000	J	55	190 ug/Kg
P2569-09	BH649	Solid	Benzo(g,h,i)perylene		100.000	J	53	190 ug/Kg
P2569-09	BH649	Solid	Bis(2-ethylhexyl)phthalate		95.000	J	49	190 ug/Kg
P2569-09	BH649	Solid	Chrysene		150.000	J	53	190 ug/Kg
P2569-09	BH649	Solid	Fluoranthene		280.000		52	190 ug/Kg
P2569-09	BH649	Solid	Indeno(1,2,3-cd)pyrene		90.000	J	52	190 ug/Kg
P2569-09	BH649	Solid	Phenanthrene		80.000	J	61	190 ug/Kg
P2569-09	BH649	Solid	Pyrene		250.000		53	190 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :				1,505.00				
Total Concentration:				2,045.00				
Client ID : BH650								
P2569-10	BH650	Solid	(DEL) Alkane: Cyclic20.992	*	200.000	J		
P2569-10	BH650	Solid	n-Hexadecanoic acid	*	290.000	J		
P2569-10	BH650	Solid	Octadecanoic acid	*	84.000	J		
P2569-10	BH650	Solid	Total Alkanes	*	200.000		53	200 ug/Kg
Total Tics :				774.00				
P2569-10	BH650	Solid	Benzo(a)anthracene		170.000	J	45	200 ug/Kg
P2569-10	BH650	Solid	Benzo(a)pyrene		160.000	J	66	200 ug/Kg
P2569-10	BH650	Solid	Benzo(b)fluoranthene		240.000		55	200 ug/Kg
P2569-10	BH650	Solid	Benzo(g,h,i)perylene		110.000	J	53	200 ug/Kg
P2569-10	BH650	Solid	Benzo(k)fluoranthene		81.000	J	67	200 ug/Kg
P2569-10	BH650	Solid	Bis(2-ethylhexyl)phthalate		1,600.000		49	200 ug/Kg
P2569-10	BH650	Solid	Chrysene		180.000	J	53	200 ug/Kg
P2569-10	BH650	Solid	Fluoranthene		350.000		52	200 ug/Kg
P2569-10	BH650	Solid	Indeno(1,2,3-cd)pyrene		89.000	J	52	200 ug/Kg
P2569-10	BH650	Solid	Phenanthrene		130.000	J	61	200 ug/Kg
P2569-10	BH650	Solid	Pyrene		320.000		53	200 ug/Kg
Total Svoc :				3,430.00				
Total Concentration:				4,204.00				
Client ID : BH697								
P2569-12	BH697	Solid	(DEL) Alkane: Straight-Chain20.9	*	210.000	J		
P2569-12	BH697	Solid	(DEL) Alkane: Straight-Chain22.0	*	120.000	J		
P2569-12	BH697	Solid	(DEL) Alkane: Straight-Chain23.4	*	230.000	J		
P2569-12	BH697	Solid	(DEL) Alkane: Straight-Chain25.2	*	380.000	J		
P2569-12	BH697	Solid	11H-Benzo[a]fluoren-11-one	*	80.000	J		
P2569-12	BH697	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	130.000	J		
P2569-12	BH697	Solid	9,10-Anthracenedione	*	81.000	J		
P2569-12	BH697	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	77.000	J		
P2569-12	BH697	Solid	Cyclopenta(def)phenanthrenone	*	92.000	J		
P2569-12	BH697	Solid	Fluoranthene, 2-methyl-	*	75.000	J		
P2569-12	BH697	Solid	n-Hexadecanoic acid	*	330.000	J		
P2569-12	BH697	Solid	Perylene	*	240.000	J		
P2569-12	BH697	Solid	Phenanthrene, 2,5-dimethyl-	*	98.000	J		
P2569-12	BH697	Solid	Phenanthrene, 2-methyl-	*	98.000	J		
P2569-12	BH697	Solid	unknown-01	*	92.000	J		
P2569-12	BH697	Solid	Total Alkanes	*	940.000		51	190 ug/Kg
Total Tics :				3,273.00				
P2569-12	BH697	Solid	Acenaphthylene		71.000	J	51	190 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2569-12	BH697	Solid	Anthracene	58.000	J	52	190	ug/Kg
P2569-12	BH697	Solid	Benzo(a)anthracene	350.000		43	190	ug/Kg
P2569-12	BH697	Solid	Benzo(a)pyrene	400.000		64	190	ug/Kg
P2569-12	BH697	Solid	Benzo(b)fluoranthene	590.000		54	190	ug/Kg
P2569-12	BH697	Solid	Benzo(g,h,i)perylene	260.000		51	190	ug/Kg
P2569-12	BH697	Solid	Benzo(k)fluoranthene	210.000		65	190	ug/Kg
P2569-12	BH697	Solid	Bis(2-ethylhexyl)phthalate	480.000		48	190	ug/Kg
P2569-12	BH697	Solid	Butylbenzylphthalate	120.000	J	48	190	ug/Kg
P2569-12	BH697	Solid	Chrysene	450.000		51	190	ug/Kg
P2569-12	BH697	Solid	Dibenzo(a,h)anthracene	70.000	J	58	190	ug/Kg
P2569-12	BH697	Solid	Fluoranthene	770.000		50	190	ug/Kg
P2569-12	BH697	Solid	Indeno(1,2,3-cd)pyrene	220.000		50	190	ug/Kg
P2569-12	BH697	Solid	Phenanthrene	370.000		59	190	ug/Kg
P2569-12	BH697	Solid	Pyrene	710.000		51	190	ug/Kg

Total Svoc : 5,129.00

Total Concentration: 8,402.00

Client ID : BH698

P2569-13	BH698	Solid	(DEL) Alkane: Straight-Chain23.4 *	110.000	J			
P2569-13	BH698	Solid	11H-Benzo[a]fluoren-11-one *	86.000	J			
P2569-13	BH698	Solid	11H-Benzo[b]fluorene *	75.000	J			
P2569-13	BH698	Solid	4H-Cyclopenta[def]phenanthrene *	150.000	J			
P2569-13	BH698	Solid	5H-Dibenzo[a,d]cycloheptene *	90.000	J			
P2569-13	BH698	Solid	Benzo[e]pyrene *	250.000	J			
P2569-13	BH698	Solid	Cyclopenta(def)phenanthrenone *	92.000	J			
P2569-13	BH698	Solid	Ethanol, 2-(tetradecyloxy)- *	150.000	J			
P2569-13	BH698	Solid	n-Hexadecanoic acid *	260.000	J			
P2569-13	BH698	Solid	Phenanthrene, 2,5-dimethyl- *	100.000	J			
P2569-13	BH698	Solid	Pyrene, 1-methyl- *	98.000	J			
P2569-13	BH698	Solid	Pyrene, 2-methyl- *	80.000	J			
P2569-13	BH698	Solid	unknown-01 *	97.000	J			
P2569-13	BH698	Solid	Total Alkanes *	110.000		51	190	ug/Kg

Total Tics : 1,748.00

P2569-13	BH698	Solid	Acenaphthylene	72.000	J	51	190	ug/Kg
P2569-13	BH698	Solid	Anthracene	71.000	J	52	190	ug/Kg
P2569-13	BH698	Solid	Benzo(a)anthracene	390.000		43	190	ug/Kg
P2569-13	BH698	Solid	Benzo(a)pyrene	420.000		63	190	ug/Kg
P2569-13	BH698	Solid	Benzo(b)fluoranthene	540.000		53	190	ug/Kg
P2569-13	BH698	Solid	Benzo(g,h,i)perylene	320.000		51	190	ug/Kg
P2569-13	BH698	Solid	Benzo(k)fluoranthene	240.000		64	190	ug/Kg
P2569-13	BH698	Solid	Bis(2-ethylhexyl)phthalate	230.000		47	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P2569-13	BH698	Solid	Butylbenzylphthalate	180.000	J	47	190	ug/Kg	
P2569-13	BH698	Solid	Chrysene	470.000		51	190	ug/Kg	
P2569-13	BH698	Solid	Dibenzo(a,h)anthracene	85.000	J	57	190	ug/Kg	
P2569-13	BH698	Solid	Fluoranthene	970.000		50	190	ug/Kg	
P2569-13	BH698	Solid	Indeno(1,2,3-cd)pyrene	260.000		50	190	ug/Kg	
P2569-13	BH698	Solid	Phenanthrene	380.000		58	190	ug/Kg	
P2569-13	BH698	Solid	Pyrene	880.000		51	190	ug/Kg	
Total Svoc :				5,508.00					
Total Concentration:				7,256.00					
Client ID : BH699									
P2569-14	BH699	Solid	(DEL) Alkane: Cyclic20.998	*	170.000	J			
P2569-14	BH699	Solid	n-Hexadecanoic acid	*	210.000	J			
P2569-14	BH699	Solid	Total Alkanes	*	170.000	50	190	ug/Kg	
Total Tics :				550.00					
P2569-14	BH699	Solid	Benzo(a)anthracene		150.000	J	43	190	ug/Kg
P2569-14	BH699	Solid	Benzo(a)pyrene		160.000	J	62	190	ug/Kg
P2569-14	BH699	Solid	Benzo(b)fluoranthene		220.000		52	190	ug/Kg
P2569-14	BH699	Solid	Benzo(g,h,i)perylene		130.000	J	50	190	ug/Kg
P2569-14	BH699	Solid	Benzo(k)fluoranthene		79.000	J	63	190	ug/Kg
P2569-14	BH699	Solid	Bis(2-ethylhexyl)phthalate		100.000	J	47	190	ug/Kg
P2569-14	BH699	Solid	Chrysene		170.000	J	50	190	ug/Kg
P2569-14	BH699	Solid	Fluoranthene		390.000		49	190	ug/Kg
P2569-14	BH699	Solid	Indeno(1,2,3-cd)pyrene		100.000	J	49	190	ug/Kg
P2569-14	BH699	Solid	Phenanthrene		160.000	J	58	190	ug/Kg
P2569-14	BH699	Solid	Pyrene		340.000		50	190	ug/Kg
Total Svoc :				1,999.00					
Total Concentration:				2,549.00					
Client ID : BH6A0									
P2569-15	BH6A0	Solid	(DEL) Alkane: Cyclic20.986	*	160.000	J			
P2569-15	BH6A0	Solid	13-Docosenamide, (Z)-	*	87.000	J			
P2569-15	BH6A0	Solid	n-Hexadecanoic acid	*	170.000	J			
P2569-15	BH6A0	Solid	Total Alkanes	*	160.000	51	190	ug/Kg	
Total Tics :				577.00					
P2569-15	BH6A0	Solid	Benzo(a)anthracene		96.000	J	43	190	ug/Kg
P2569-15	BH6A0	Solid	Benzo(a)pyrene		98.000	J	63	190	ug/Kg
P2569-15	BH6A0	Solid	Benzo(b)fluoranthene		140.000	J	53	190	ug/Kg
P2569-15	BH6A0	Solid	Benzo(g,h,i)perylene		68.000	J	51	190	ug/Kg
P2569-15	BH6A0	Solid	Bis(2-ethylhexyl)phthalate		73.000	J	47	190	ug/Kg
P2569-15	BH6A0	Solid	Chrysene		110.000	J	51	190	ug/Kg
P2569-15	BH6A0	Solid	Fluoranthene		220.000		50	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2569-15	BH6A0	Solid	Indeno(1,2,3-cd)pyrene	53.000	J	50	190	ug/Kg
P2569-15	BH6A0	Solid	Phenanthrene	110.000	J	58	190	ug/Kg
P2569-15	BH6A0	Solid	Pyrene	200.000		51	190	ug/Kg
Total Svoc :				1,168.00				
Total Concentration:				1,745.00				
Client ID : BH6A2								
P2569-17	BH6A2	Solid	(DEL) Alkane: Cyclic20.992	*	130.000	J		
P2569-17	BH6A2	Solid	(DEL) Alkane: Straight-Chain23.4	*	88.000	J		
P2569-17	BH6A2	Solid	13-Docosenamide, (Z)-	*	85.000	J		
P2569-17	BH6A2	Solid	2-Bromo dodecane	*	170.000	J		
P2569-17	BH6A2	Solid	n-Hexadecanoic acid	*	180.000	J		
P2569-17	BH6A2	Solid	Total Alkanes	*	220.000	54	200	ug/Kg
Total Tics :				873.00				
P2569-17	BH6A2	Solid	Benzo(a)anthracene		140.000	J	46	200 ug/Kg
P2569-17	BH6A2	Solid	Benzo(a)pyrene		160.000	J	67	200 ug/Kg
P2569-17	BH6A2	Solid	Benzo(b)fluoranthene		240.000		57	200 ug/Kg
P2569-17	BH6A2	Solid	Benzo(g,h,i)perylene		110.000	J	54	200 ug/Kg
P2569-17	BH6A2	Solid	Benzo(k)fluoranthene		74.000	J	68	200 ug/Kg
P2569-17	BH6A2	Solid	Bis(2-ethylhexyl)phthalate		240.000		51	200 ug/Kg
P2569-17	BH6A2	Solid	Butylbenzylphthalate		210.000		51	200 ug/Kg
P2569-17	BH6A2	Solid	Chrysene		170.000	J	54	200 ug/Kg
P2569-17	BH6A2	Solid	Fluoranthene		330.000		53	200 ug/Kg
P2569-17	BH6A2	Solid	Indeno(1,2,3-cd)pyrene		89.000	J	53	200 ug/Kg
P2569-17	BH6A2	Solid	Phenanthrene		140.000	J	63	200 ug/Kg
P2569-17	BH6A2	Solid	Pyrene		300.000		54	200 ug/Kg
Total Svoc :				2,203.00				
Total Concentration:				3,076.00				
Client ID : BH6A3								
P2569-18	BH6A3	Solid	(DEL) Alkane: Straight-Chain20.9	*	110.000	J		
P2569-18	BH6A3	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	85.000	J		
P2569-18	BH6A3	Solid	Benzo[e]pyrene	*	92.000	J		
P2569-18	BH6A3	Solid	n-Hexadecanoic acid	*	160.000	J		
P2569-18	BH6A3	Solid	Total Alkanes	*	110.000	52	190	ug/Kg
Total Tics :				557.00				
P2569-18	BH6A3	Solid	Benzo(a)anthracene		190.000		44	190 ug/Kg
P2569-18	BH6A3	Solid	Benzo(a)pyrene		200.000		65	190 ug/Kg
P2569-18	BH6A3	Solid	Benzo(b)fluoranthene		300.000		55	190 ug/Kg
P2569-18	BH6A3	Solid	Benzo(g,h,i)perylene		130.000	J	52	190 ug/Kg
P2569-18	BH6A3	Solid	Benzo(k)fluoranthene		87.000	J	66	190 ug/Kg
P2569-18	BH6A3	Solid	Bis(2-ethylhexyl)phthalate		170.000	J	49	190 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2569-18	BH6A3	Solid	Chrysene	240.000		52	190	ug/Kg
P2569-18	BH6A3	Solid	Fluoranthene	390.000		51	190	ug/Kg
P2569-18	BH6A3	Solid	Indeno(1,2,3-cd)pyrene	110.000	J	51	190	ug/Kg
P2569-18	BH6A3	Solid	Phenanthrene	210.000		60	190	ug/Kg
P2569-18	BH6A3	Solid	Pyrene	410.000		52	190	ug/Kg
Total Svoc :				2,437.00				
Total Concentration:				2,994.00				
Client ID : BH6A5								
P2569-19	BH6A5	Solid	(DEL) Alkane: Straight-Chain20.5 *	240.000	J			
P2569-19	BH6A5	Solid	(DEL) Alkane: Straight-Chain21.5 *	130.000	J			
P2569-19	BH6A5	Solid	(DEL) Alkane: Straight-Chain22.0 *	200.000	J			
P2569-19	BH6A5	Solid	11H-Benzo[a]fluoren-11-one *	150.000	J			
P2569-19	BH6A5	Solid	11H-Benzo[a]fluorene *	120.000	J			
P2569-19	BH6A5	Solid	11H-Benzo[b]fluorene *	200.000	J			
P2569-19	BH6A5	Solid	1H-Indene, 2-phenyl- *	390.000	J			
P2569-19	BH6A5	Solid	7H-Benz[de]anthracen-7-one *	110.000	J			
P2569-19	BH6A5	Solid	9,10-Anthracenedione *	360.000	J			
P2569-19	BH6A5	Solid	9,10-Anthracenedione, 2-methyl- *	99.000	J			
P2569-19	BH6A5	Solid	9H-Fluoren-9-one *	130.000	J			
P2569-19	BH6A5	Solid	Anthracene, 2-methyl- *	460.000	J			
P2569-19	BH6A5	Solid	Benzo[b]naphtho[2,1-d]thiophene *	110.000	J			
P2569-19	BH6A5	Solid	Benzo[e]pyrene *	280.000	J			
P2569-19	BH6A5	Solid	Cyclopenta(def)phenanthrenone *	210.000	J			
P2569-19	BH6A5	Solid	Dibenzothiophene, 3-methyl- *	96.000	J			
P2569-19	BH6A5	Solid	Fluoranthene, 2-methyl- *	100.000	J			
P2569-19	BH6A5	Solid	Phenanthrene, 2,5-dimethyl- *	240.000	J			
P2569-19	BH6A5	Solid	Phenanthrene, 2-methyl- *	300.000	J			
P2569-19	BH6A5	Solid	Phenanthrene, 3,6-dimethyl- *	100.000	J			
P2569-19	BH6A5	Solid	Phenanthrene, 4,5-dimethyl- *	84.000	J			
P2569-19	BH6A5	Solid	Phenanthrene, 4-methyl- *	230.000	J			
P2569-19	BH6A5	Solid	Pyrene, 1-methyl- *	110.000	J			
P2569-19	BH6A5	Solid	Pyrene, 4-methyl- *	120.000	J			
P2569-19	BH6A5	Solid	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6-triene *	160.000	J			
P2569-19	BH6A5	Solid	unknown-01 *	110.000	J			
P2569-19	BH6A5	Solid	Total Alkanes *	570.000		56	210	ug/Kg
Total Tics :				5,409.00				
P2569-19	BH6A5	Solid	1-Methylnaphthalene	66.000	J	23	210	ug/Kg
P2569-19	BH6A5	Solid	Anthracene	79.000	J	57	210	ug/Kg
P2569-19	BH6A5	Solid	Benzo(a)anthracene	420.000		48	210	ug/Kg
P2569-19	BH6A5	Solid	Benzo(a)pyrene	430.000		70	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2569-19	BH6A5	Solid	Benzo(b)fluoranthene	560.000		59	210	ug/Kg
P2569-19	BH6A5	Solid	Benzo(g,h,i)perylene	340.000		56	210	ug/Kg
P2569-19	BH6A5	Solid	Benzo(k)fluoranthene	200.000	J	71	210	ug/Kg
P2569-19	BH6A5	Solid	Bis(2-ethylhexyl)phthalate	78.000	J	52	210	ug/Kg
P2569-19	BH6A5	Solid	Chrysene	650.000		56	210	ug/Kg
P2569-19	BH6A5	Solid	Dibenzo(a,h)anthracene	100.000	J	63	210	ug/Kg
P2569-19	BH6A5	Solid	Fluoranthene	1,100.000		55	210	ug/Kg
P2569-19	BH6A5	Solid	Indeno(1,2,3-cd)pyrene	280.000		55	210	ug/Kg
P2569-19	BH6A5	Solid	Phenanthrene	1,100.000		65	210	ug/Kg
P2569-19	BH6A5	Solid	Pyrene	1,400.000		56	210	ug/Kg

Total Svoc : 6,803.00

Total Concentration: 12,212.00

Client ID : BH6A6

P2569-20	BH6A6	Solid	11H-Benzo[a]fluoren-11-one	*	250.000	J		
P2569-20	BH6A6	Solid	11H-Benzo[b]fluorene	*	390.000	J		
P2569-20	BH6A6	Solid	2-Methyldibenzothiophene	*	260.000	J		
P2569-20	BH6A6	Solid	6H-Benz[de]anthracen-6-one	*	190.000	J		
P2569-20	BH6A6	Solid	7H-Benz[de]anthracen-7-one	*	170.000	J		
P2569-20	BH6A6	Solid	9,10-Anthracenedione	*	870.000	J		
P2569-20	BH6A6	Solid	9,10-Anthracenedione, 2-methyl-	*	170.000	J		
P2569-20	BH6A6	Solid	9,10-Dimethylanthracene	*	240.000	J		
P2569-20	BH6A6	Solid	9-anthracenol	*	140.000	J		
P2569-20	BH6A6	Solid	9H-Fluoren-9-one	*	370.000	J		
P2569-20	BH6A6	Solid	Anthracene, 1-methyl-	*	920.000	J		
P2569-20	BH6A6	Solid	Anthracene, 2-methyl-	*	910.000	J		
P2569-20	BH6A6	Solid	Anthrone	*	130.000	J		
P2569-20	BH6A6	Solid	Benzenamine, 4,4-methylenebis-	*	150.000	J		
P2569-20	BH6A6	Solid	Cyclopenta(def)phenanthrenone	*	520.000	J		
P2569-20	BH6A6	Solid	Cyclopenta[cd]pyrene	*	140.000	J		
P2569-20	BH6A6	Solid	Dibenzothiophene	*	240.000	J		
P2569-20	BH6A6	Solid	Fluoranthene, 2-methyl-	*	230.000	J		
P2569-20	BH6A6	Solid	Naphthalene, 1,6-dimethyl-	*	250.000	J		
P2569-20	BH6A6	Solid	Naphthalene, 2,7-dimethyl-	*	130.000	J		
P2569-20	BH6A6	Solid	Naphthalene, 2-phenyl-	*	400.000	J		
P2569-20	BH6A6	Solid	Perylene	*	910.000	J		
P2569-20	BH6A6	Solid	Phenanthrene, 1-methyl-	*	620.000	J		
P2569-20	BH6A6	Solid	Phenanthrene, 2,5-dimethyl-	*	580.000	J		
P2569-20	BH6A6	Solid	Phenanthrene, 2-methyl-	*	840.000	J		
P2569-20	BH6A6	Solid	Phenanthrene, 4,5-dimethyl-	*	160.000	J		
P2569-20	BH6A6	Solid	Pyrene, 1-methyl-	*	330.000	J		

Hit Summary Sheet SW-846

SDG No.: BN052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2569-20	BH6A6	Solid	Pyrene, 2-methyl-	*	170.000	J		
P2569-20	BH6A6	Solid	Pyrene, 4-methyl-	*	220.000	J		
P2569-20	BH6A6	Solid	unknown-01	*	160.000	J		
P2569-20	BH6A6	Solid	Total Alkanes	*	0.000	57	210	ug/Kg
Total Tics :				11,060.00				
P2569-20	BH6A6	Solid	1-Methylnaphthalene		270.000	23	210	ug/Kg
P2569-20	BH6A6	Solid	2-Methylnaphthalene		170.000	J 46	210	ug/Kg
P2569-20	BH6A6	Solid	Acenaphthene		170.000	J 62	210	ug/Kg
P2569-20	BH6A6	Solid	Anthracene		200.000	J 58	210	ug/Kg
P2569-20	BH6A6	Solid	Benzo(a)anthracene		800.000	48	210	ug/Kg
P2569-20	BH6A6	Solid	Benzo(a)pyrene		790.000	70	210	ug/Kg
P2569-20	BH6A6	Solid	Benzo(b)fluoranthene		1,100.000	59	210	ug/Kg
P2569-20	BH6A6	Solid	Benzo(g,h,i)perylene		770.000	57	210	ug/Kg
P2569-20	BH6A6	Solid	Benzo(k)fluoranthene		330.000	72	210	ug/Kg
P2569-20	BH6A6	Solid	Chrysene		1,300.000	57	210	ug/Kg
P2569-20	BH6A6	Solid	Dibenzo(a,h)anthracene		240.000	64	210	ug/Kg
P2569-20	BH6A6	Solid	Fluoranthene		2,100.000	56	210	ug/Kg
P2569-20	BH6A6	Solid	Fluorene		170.000	J 72	210	ug/Kg
P2569-20	BH6A6	Solid	Indeno(1,2,3-cd)pyrene		630.000	56	210	ug/Kg
P2569-20	BH6A6	Solid	Naphthalene		140.000	J 41	210	ug/Kg
P2569-20	BH6A6	Solid	Phenanthrene		2,700.000	65	210	ug/Kg
P2569-20	BH6A6	Solid	Pyrene		2,800.000	57	210	ug/Kg
Total Svoc :				14,680.00				
Total Concentration:				25,740.00				

Client ID : BH6A7

P2569-21	BH6A7	Solid	(DEL) Alkane: Straight-Chain22.(	*	100.000	J		
P2569-21	BH6A7	Solid	(DEL) Alkane: Straight-Chain23.4	*	420.000	J		
P2569-21	BH6A7	Solid	(DEL) Alkane: Straight-Chain25.2	*	290.000	J		
P2569-21	BH6A7	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	130.000	J		
P2569-21	BH6A7	Solid	11H-Benzo[a]fluoren-11-one	*	130.000	J		
P2569-21	BH6A7	Solid	11H-Benzo[a]fluorene	*	110.000	J		
P2569-21	BH6A7	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	240.000	J		
P2569-21	BH6A7	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph	*	160.000	J		
P2569-21	BH6A7	Solid	2-Methyldibenzothiophene	*	130.000	J		
P2569-21	BH6A7	Solid	2-Propanol, 1-chloro-, phosphate (	*	130.000	J		
P2569-21	BH6A7	Solid	4H-Cyclopenta[def]phenanthrene	*	680.000	J		
P2569-21	BH6A7	Solid	7H-Benz[de]anthracen-7-one	*	140.000	J		
P2569-21	BH6A7	Solid	9,10-Anthracenedione	*	230.000	J		
P2569-21	BH6A7	Solid	9H-Fluoren-9-one	*	180.000	J		
P2569-21	BH6A7	Solid	9H-Fluorene, 1-methyl-	*	100.000	J		

Hit Summary Sheet SW-846

SDG No.: BN052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2569-21	BH6A7	Solid	Acephenanthrylene, 4,5-dihydro-	*	190.000	J		
P2569-21	BH6A7	Solid	Anthracene, 2-methyl-	*	680.000	J		
P2569-21	BH6A7	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	140.000	J		
P2569-21	BH6A7	Solid	Benzo[e]pyrene	*	240.000	J		
P2569-21	BH6A7	Solid	Cyclopenta(def)phenanthrene	*	310.000	J		
P2569-21	BH6A7	Solid	Cyclopenta[cd]pyrene	*	160.000	J		
P2569-21	BH6A7	Solid	Dibenzothiophene	*	220.000	J		
P2569-21	BH6A7	Solid	Fluoranthene, 2-methyl-	*	120.000	J		
P2569-21	BH6A7	Solid	Naphthalene, 1-phenyl-	*	97.000	J		
P2569-21	BH6A7	Solid	Naphthalene, 2,3-dimethyl-	*	110.000	J		
P2569-21	BH6A7	Solid	Naphthalene, 2-phenyl-	*	390.000	J		
P2569-21	BH6A7	Solid	Oxirane, hexadecyl-	*	220.000	J		
P2569-21	BH6A7	Solid	Perylene	*	750.000	J		
P2569-21	BH6A7	Solid	Phenanthrene, 2,5-dimethyl-	*	250.000	J		
P2569-21	BH6A7	Solid	Phenanthrene, 2-methyl-	*	490.000	J		
P2569-21	BH6A7	Solid	Phenanthrene, 4-methyl-	*	170.000	J		
P2569-21	BH6A7	Solid	Pyrene, 1-methyl-	*	140.000	J		
P2569-21	BH6A7	Solid	Triphenylene, 2-methyl-	*	100.000	J		
P2569-21	BH6A7	Solid	Total Alkanes	*	810.000	J	61	230 ug/Kg
Total Tics :					8,757.00			
P2569-21	BH6A7	Solid	1-Methylnaphthalene		60.000	J	25	230 ug/Kg
P2569-21	BH6A7	Solid	2-Methylnaphthalene		55.000	J	49	230 ug/Kg
P2569-21	BH6A7	Solid	Acenaphthene		97.000	J	66	230 ug/Kg
P2569-21	BH6A7	Solid	Acenaphthylene		200.000	J	61	230 ug/Kg
P2569-21	BH6A7	Solid	Anthracene		650.000		63	230 ug/Kg
P2569-21	BH6A7	Solid	Benzo(a)anthracene		1,800.000		52	230 ug/Kg
P2569-21	BH6A7	Solid	Benzo(a)pyrene		1,300.000		76	230 ug/Kg
P2569-21	BH6A7	Solid	Benzo(b)fluoranthene		1,800.000		64	230 ug/Kg
P2569-21	BH6A7	Solid	Benzo(g,h,i)perylene		650.000		61	230 ug/Kg
P2569-21	BH6A7	Solid	Benzo(k)fluoranthene		700.000		77	230 ug/Kg
P2569-21	BH6A7	Solid	Bis(2-ethylhexyl)phthalate		230.000		57	230 ug/Kg
P2569-21	BH6A7	Solid	Chrysene		1,600.000		61	230 ug/Kg
P2569-21	BH6A7	Solid	Dibenzo(a,h)anthracene		200.000	J	69	230 ug/Kg
P2569-21	BH6A7	Solid	Dibenzofuran		150.000	J	53	230 ug/Kg
P2569-21	BH6A7	Solid	Fluoranthene		3,900.000	E	60	230 ug/Kg
P2569-21	BH6A7	Solid	Fluorene		200.000	J	77	230 ug/Kg
P2569-21	BH6A7	Solid	Indeno(1,2,3-cd)pyrene		600.000		60	230 ug/Kg
P2569-21	BH6A7	Solid	Phenanthrene		2,900.000		70	230 ug/Kg
P2569-21	BH6A7	Solid	Pyrene		3,400.000		61	230 ug/Kg
Total Svoc :					20,492.00			

Hit Summary Sheet SW-846

SDG No.: BN052924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	29,249.00				
Client ID :	SSTD020263							
SSTDCCC020	SSTD020263	Water	Total Alkanes	*	0.000	1900	5000	ug/L
			Total Tics :	0.00				
SSTDCCC020	SSTD020263	Water	1,1-Biphenyl	21,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020263	Water	1,2,3,4-Tetrachlorobenzene	21,000.000		750	5000	ug/L
SSTDCCC020	SSTD020263	Water	1,2,4,5-Tetrachlorobenzene	21,000.000		1800	5000	ug/L
SSTDCCC020	SSTD020263	Water	1,4-Dioxane	7,900.000		310	2000	ug/L
SSTDCCC020	SSTD020263	Water	1-Methylnaphthalene	21,000.000		970	5000	ug/L
SSTDCCC020	SSTD020263	Water	2,2-oxybis(1-Chloropropane)	22,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020263	Water	2,3,4,6-Tetrachlorophenol	22,000.000		1800	5000	ug/L
SSTDCCC020	SSTD020263	Water	2,4,5-Trichlorophenol	22,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020263	Water	2,4,6-Trichlorophenol	22,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020263	Water	2,4-Dichlorophenol	21,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020263	Water	2,4-Dimethylphenol	22,000.000		720	5000	ug/L
SSTDCCC020	SSTD020263	Water	2,4-Dinitrophenol	23,000.000		1900	10000	ug/L
SSTDCCC020	SSTD020263	Water	2,4-Dinitrotoluene	22,000.000		970	5000	ug/L
SSTDCCC020	SSTD020263	Water	2,6-Dinitrotoluene	22,000.000		1300	5000	ug/L
SSTDCCC020	SSTD020263	Water	2-Chloronaphthalene	21,000.000		1800	5000	ug/L
SSTDCCC020	SSTD020263	Water	2-Chlorophenol	22,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020263	Water	2-Methylnaphthalene	21,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020263	Water	2-Methylphenol	22,000.000		1500	10000	ug/L
SSTDCCC020	SSTD020263	Water	2-Nitroaniline	22,000.000		1200	5000	ug/L
SSTDCCC020	SSTD020263	Water	2-Nitrophenol	22,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020263	Water	3,3-Dichlorobenzidine	25,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020263	Water	3-Nitroaniline	22,000.000		860	10000	ug/L
SSTDCCC020	SSTD020263	Water	4,6-Dinitro-2-methylphenol	22,000.000		1700	10000	ug/L
SSTDCCC020	SSTD020263	Water	4-Bromophenyl-phenylether	21,000.000		2700	5000	ug/L
SSTDCCC020	SSTD020263	Water	4-Chloro-3-methylphenol	21,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020263	Water	4-Chloroaniline	22,000.000		1700	10000	ug/L
SSTDCCC020	SSTD020263	Water	4-Chlorophenyl-phenylether	21,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020263	Water	4-Methylphenol	22,000.000		1600	10000	ug/L
SSTDCCC020	SSTD020263	Water	4-Nitroaniline	23,000.000		600	10000	ug/L
SSTDCCC020	SSTD020263	Water	4-Nitrophenol	21,000.000		1500	10000	ug/L
SSTDCCC020	SSTD020263	Water	Acenaphthene	21,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020263	Water	Acenaphthylene	21,000.000		1800	5000	ug/L
SSTDCCC020	SSTD020263	Water	Acetophenone	22,000.000		2100	10000	ug/L
SSTDCCC020	SSTD020263	Water	Anthracene	21,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020263	Water	Atrazine	21,000.000		1200	10000	ug/L
SSTDCCC020	SSTD020263	Water	Benzaldehyde	25,000.000		1400	10000	ug/L

Hit Summary Sheet SW-846

SDG No.: BN052924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDCCC020	SSTD020263	Water	Benzo(a)anthracene	21,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020263	Water	Benzo(a)pyrene	21,000.000		2000	5000	ug/L
SSTDCCC020	SSTD020263	Water	Benzo(b)fluoranthene	21,000.000		1600	5000	ug/L
SSTDCCC020	SSTD020263	Water	Benzo(g,h,i)perylene	15,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020263	Water	Benzo(k)fluoranthene	21,000.000		2200	5000	ug/L
SSTDCCC020	SSTD020263	Water	Bis(2-Chloroethoxy)methane	21,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020263	Water	Bis(2-Chloroethyl)ether	22,000.000		1500	10000	ug/L
SSTDCCC020	SSTD020263	Water	Bis(2-ethylhexyl)phthalate	22,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020263	Water	Butylbenzylphthalate	22,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020263	Water	Caprolactam	13,000.000		1300	10000	ug/L
SSTDCCC020	SSTD020263	Water	Carbazole	23,000.000		2000	10000	ug/L
SSTDCCC020	SSTD020263	Water	Chrysene	21,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020263	Water	Di-n-butylphthalate	22,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020263	Water	Di-n-octyl phthalate	22,000.000		1300	10000	ug/L
SSTDCCC020	SSTD020263	Water	Dibenzo(a,h)anthracene	22,000.000		2000	5000	ug/L
SSTDCCC020	SSTD020263	Water	Dibenzofuran	21,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020263	Water	Diethylphthalate	21,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020263	Water	Dimethylphthalate	21,000.000		1600	5000	ug/L
SSTDCCC020	SSTD020263	Water	Fluoranthene	21,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020263	Water	Fluorene	22,000.000		2000	5000	ug/L
SSTDCCC020	SSTD020263	Water	Hexachlorobenzene	20,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020263	Water	Hexachlorobutadiene	21,000.000		1100	5000	ug/L
SSTDCCC020	SSTD020263	Water	Hexachlorocyclopentadiene	23,000.000		1400	10000	ug/L
SSTDCCC020	SSTD020263	Water	Hexachloroethane	21,000.000		890	5000	ug/L
SSTDCCC020	SSTD020263	Water	Indeno(1,2,3-cd)pyrene	22,000.000		1900	5000	ug/L
SSTDCCC020	SSTD020263	Water	Isophorone	21,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020263	Water	N-Nitroso-di-n-propylamine	21,000.000		1400	5000	ug/L
SSTDCCC020	SSTD020263	Water	N-Nitrosodiphenylamine	21,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020263	Water	Naphthalene	21,000.000		1500	5000	ug/L
SSTDCCC020	SSTD020263	Water	Nitrobenzene	22,000.000		1300	5000	ug/L
SSTDCCC020	SSTD020263	Water	Pentachlorobenzene	20,000.000		1300	5000	ug/L
SSTDCCC020	SSTD020263	Water	Pentachlorophenol	21,000.000		1700	10000	ug/L
SSTDCCC020	SSTD020263	Water	Phenanthrene	21,000.000		1800	5000	ug/L
SSTDCCC020	SSTD020263	Water	Phenol	22,000.000		1700	10000	ug/L
SSTDCCC020	SSTD020263	Water	Pyrene	21,000.000		1700	5000	ug/L
SSTDCCC020	SSTD020263	Water	Pyridine	21,000.000		850	10000	ug/L

Total Svoc :

1,524,900.00

Total Concentration:

1,524,900.00



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.: BN052924 SAS No.: BN052924 SDG NO.: BN052924

EPA Sample No.: SSTD020205 Date Analyzed: May 29 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 10:41

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+00	10.47	1.62391e+00	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 SSTD020263	612221	7.68	2.75038e	10.47	1.77844e	14.32
02 SICV209	571395	7.69	2.58313e	10.47	1.7497e+	14.33
03 SBLK084	502233	7.69	2.20117e	10.47	1.47085e	14.32
04 SBLK110	316479	7.69	1.44447e	10.47	1.00757e	14.32
05 BH646	350357	7.69	1.62195e	10.47	1.08566e	14.32
06 BH647	406228	7.69	1.87466e	10.47	1.24765e	14.32
07 BH648	481564	7.69	2.22539e	10.47	1.46093e	14.33
08 BH650	455148	7.69	2.09747e	10.47	1.35999e	14.32
09 BH697	396001	7.69	1.77487e	10.47	1.15353e	14.32
10 BH698	495829	7.69	2.24214e	10.47	1.43041e	14.32
11 BH6A0	514621	7.69	2.3353e+	10.47	1.48065e	14.32
12 BH6A2	560906	7.69	2.55714e	10.47	1.63373e	14.32
13 BH6A3	465458	7.69	2.11798e	10.47	1.36022e	14.32
14 SBLK110	401581	7.69	1.85415e	10.47	1.19983e	14.32
15 BH6A7	480489	7.69	2.17865e	10.47	1.37792e	14.32
16 BH5R6	464618	7.69	2.00411e	10.47	1.26997e	14.32
17 BH644	586425	7.69	2.52011e	10.47	1.54457e	14.32
18 BH645	519173	7.69	2.23481e	10.48	1.36593e	14.33
19 BH649	581494	7.69	2.4689e+	10.48	1.43245e	14.33
20 BH699	548807	7.69	2.41719e	10.48	1.47911e	14.33
21 BH6A5	583184	7.69	2.51597e	10.48	1.54494e	14.33
22 BH6A6	588417	7.69	2.55335e	10.48	1.52948e	14.33



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

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

EPA Sample No.: SSTD020205 Date Analyzed: May 30 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 08:24

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.: BN052924 SAS No.: BN052924 SDG NO.: BN052924

EPA Sample No.: SSTD020263 Date Analyzed: May 29 2024 12:00AM

Lab File ID: BN031693.D Time Analyzed: 17:21

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	402239	7.687	1.85675e+00	10.47	1.26713e+00	14.32
UPPER LIMIT	804478	8.187	3713500	10.969	2534260	14.822
LOWER LIMIT	201119.5	7.187	928375	9.969	633565	13.822
EPA SAMPLE NO.						
01 SBLK110	316479	7.69	1.44447e	10.47	1.00757e	14.32
02 BH646	350357	7.69	1.62195e	10.47	1.08566e	14.32
03 BH647	406228	7.69	1.87466e	10.47	1.24765e	14.32
04 BH648	481564	7.69	2.22539e	10.47	1.46093e	14.33
05 BH650	455148	7.69	2.09747e	10.47	1.35999e	14.32
06 BH697	396001	7.69	1.77487e	10.47	1.15353e	14.32
07 BH698	495829	7.69	2.24214e	10.47	1.43041e	14.32
08 BH6A0	514621	7.69	2.3353e+	10.47	1.48065e	14.32
09 BH6A2	560906	7.69	2.55714e	10.47	1.63373e	14.32
10 BH6A3	465458	7.69	2.11798e	10.47	1.36022e	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.: BN052924 SAS No.: BN052924 SDG NO.: BN052924

EPA Sample No.: SSTD020264 Date Analyzed: May 30 2024 12:00AM

Lab File ID: BN031704.D Time Analyzed: 03:10

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	576383	7.687	2.6296e+00	10.47	1.65569e+00	14.33
UPPER LIMIT	1152766	8.187	5259200	10.969	3311380	14.828
LOWER LIMIT	288191.5	7.187	1314800	9.969	827845	13.828
EPA SAMPLE NO.						
01 SBLK110	401581	7.69	1.85415e	10.47	1.19983e	14.32
02 BH6A7	480489	7.69	2.17865e	10.47	1.37792e	14.32
03 BH5R6	464618	7.69	2.00411e	10.47	1.26997e	14.32
04 BH644	586425	7.69	2.52011e	10.47	1.54457e	14.32
05 BH645	519173	7.69	2.23481e	10.48	1.36593e	14.33
06 BH649	581494	7.69	2.4689e+	10.48	1.43245e	14.33
07 BH699	548807	7.69	2.41719e	10.48	1.47911e	14.33
08 BH6A5	583184	7.69	2.51597e	10.48	1.54494e	14.33
09 BH6A6	588417	7.69	2.55335e	10.48	1.52948e	14.33

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.: BN052924 SAS No.: BN052924 SDG NO.: BN052924

EPA Sample No.: SSTD020205 Date Analyzed: May 29 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 10:41

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	SSTD020263	3.77262	17.07	3.49903e+	21.30	4.16347e+	24.25
02	SICV209	3.79142	17.07	3.39487e+	21.31	3.88107e+	24.25
03	SBLK084	3.23773	17.07	3.16715e+	21.30	3.5952e+0	24.24
04	SBLK110	2.15549	17.07	2.09123e+	21.30	2.27546e+	24.23
05	BH646	2.26017	17.07	2.11848e+	21.30	2.18457e+	24.24
06	BH647	2.63134	17.07	2.26573e+	21.30	2.41112e+	24.24
07	BH648	2.99331	17.07	2.40258e+	21.31	2.25525e+	24.24
08	BH650	2.76696	17.07	2.24932e+	21.30	2.04903e+	24.24
09	BH697	2.41593	17.07	2.07623e+	21.30	1.93477e+	24.24
10	BH698	2.8691e	17.07	1.90135e+	21.30	1.86498e+	24.23
11	BH6A0	2.94385	17.07	2.37524e+	21.30	2.14738e+	24.23
12	BH6A2	3.30826	17.07	2.58497e+	21.30	2.28801e+	24.24
13	BH6A3	2.71423	17.07	2.14585e+	21.30	1.92169e+	24.23
14	SBLK110	2.51044	17.07	1.92907e+	21.30	1.79481e+	24.23
15	BH6A7	2.74064	17.07	2.08665e+	21.30	1.91986e+	24.24
16	BH5R6	2.59592	17.07	2.05515e+	21.30	1.91148e+	24.23
17	BH644	2.89541	17.07	1.697e+00	21.30	1.81737e+	24.25
18	BH645	2.60762	17.08	1.48495e+ *	21.31	1.64233e+ *	24.26
19	BH649	2.62153	17.08	1.77054e+	21.31	2.01624e+	24.26
20	BH699	2.79274	17.08	1.72927e+	21.31	1.72583e+ *	24.25
21	BH6A5	2.89153	17.08	1.68753e+	21.31	1.81849e+	24.25

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

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

EPA Sample No.: SSTD020205 Date Analyzed: May 30 2024 12:00AM

Lab File ID: BN031687.D Time Analyzed: 08:24

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 BH6A6	2.64017	17.08	1.51267e+ *	21.31	1.72387e+ *	24.26

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.: BN052924 SAS No.: BN052924 SDG NO.: BN052924

EPA Sample No.: SSTD020263 Date Analyzed: May 29 2024 12:00AM

Lab File ID: BN031693.D Time Analyzed: 17:21

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	2.65189e+01	17.069	2.49672e+	21.304	2.82415e+01	24.239
	UPPER LIMIT	5303780	17.569	4993440	21.804	5648300	24.739
	LOWER LIMIT	1325945	16.569	1248360	20.804	1412075	23.739
	EPA SAMPLE NO.						
01	SBLK110	2.15549	17.07	2.09123e+	21.30	2.27546e+	24.23
02	BH646	2.26017	17.07	2.11848e+	21.30	2.18457e+	24.24
03	BH647	2.63134	17.07	2.26573e+	21.30	2.41112e+	24.24
04	BH648	2.99331	17.07	2.40258e+	21.31	2.25525e+	24.24
05	BH650	2.76696	17.07	2.24932e+	21.30	2.04903e+	24.24
06	BH697	2.41593	17.07	2.07623e+	21.30	1.93477e+	24.24
07	BH698	2.8691e	17.07	1.90135e+	21.30	1.86498e+	24.23
08	BH6A0	2.94385	17.07	2.37524e+	21.30	2.14738e+	24.23
09	BH6A2	3.30826	17.07	2.58497e+	21.30	2.28801e+	24.24
10	BH6A3	2.71423	17.07	2.14585e+	21.30	1.92169e+	24.23

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.: BN052924 SAS No.: BN052924 SDG NO.: BN052924

EPA Sample No.: SSTD020264 Date Analyzed: May 30 2024 12:00AM

Lab File ID: BN031704.D Time Analyzed: 03:10

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	3.45116e+01	17.069	2.82708e+	21.304	2.67706e+01	24.239
UPPER LIMIT	6902320	17.569	5654160	21.804	5354120	24.739
LOWER LIMIT	1725580	16.569	1413540	20.804	1338530	23.739
EPA SAMPLE NO.						
01 SBLK110	2.51044	17.07	1.92907e+	21.30	1.79481e+	24.23
02 BH6A7	2.74064	17.07	2.08665e+	21.30	1.91986e+	24.24
03 BH5R6	2.59592	17.07	2.05515e+	21.30	1.91148e+	24.23
04 BH644	2.89541	17.07	1.697e+00	21.30	1.81737e+	24.25
05 BH645	2.60762	17.08	1.48495e+	21.31	1.64233e+	24.26
06 BH649	2.62153	17.08	1.77054e+	21.31	2.01624e+	24.26
07 BH699	2.79274	17.08	1.72927e+	21.31	1.72583e+	24.25
08 BH6A5	2.89153	17.08	1.68753e+	21.31	1.81849e+	24.25
09 BH6A6	2.64017	17.08	1.51267e+	21.31	1.72387e+	24.26

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.: BN052924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN052924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SSTD020263

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN052924

SAS No.: BN052924 SDG NO.: BN052924

Lab File ID: BN031684.D

Lab Sample ID: SSTDCCC020

Instrument ID: BNA_N

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 05/29/2024

Level: (low/med) LOW

Time Analyzed: 10:41

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SSTD020263	SSTDCCC020	BN031684.D	05/29/2024

COMMENTS: _____



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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK084

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN052924

SAS No.: BN052924 SDG NO.: BN052924

Lab File ID: BN031692.D

Lab Sample ID: PB161084BL

Instrument ID: BNA_N

Date Extracted: 05/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/29/2024

Level: (low/med) LOW

Time Analyzed: 15:59

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

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

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK110

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN052924

SAS No.: BN052924 SDG NO.: BN052924

Lab File ID: BN031694.D

Lab Sample ID: PB161110BL

Instrument ID: BNA_N

Date Extracted: 05/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/29/2024

Level: (low/med) LOW

Time Analyzed: 17:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH6A7	P2569-21	BN031706.D	05/30/2024
BH6A5	P2569-19	BN031712.D	05/30/2024
BH6A6	P2569-20	BN031713.D	05/30/2024
BH646	P2569-06	BN031695.D	05/29/2024
BH647	P2569-07	BN031696.D	05/29/2024
BH648	P2569-08	BN031697.D	05/29/2024
BH650	P2569-10	BN031698.D	05/29/2024
BH697	P2569-12	BN031699.D	05/29/2024
BH698	P2569-13	BN031700.D	05/29/2024
BH5R6	P2569-01	BN031707.D	05/30/2024
BH644	P2569-04	BN031708.D	05/30/2024
BH645	P2569-05	BN031709.D	05/30/2024
BH649	P2569-09	BN031710.D	05/30/2024
BH699	P2569-14	BN031711.D	05/30/2024
BH6A0	P2569-15	BN031701.D	05/29/2024
BH6A2	P2569-17	BN031702.D	05/29/2024
BH6A3	P2569-18	BN031703.D	05/29/2024

COMMENTS: _____



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

Surrogate Summary

SW-846

SDG No.: BN052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SSTDCCC020	SSTD020263	BN031684.D	1,4-Dioxane-d8	8	8,137.00	101713	*	15	120
			Pyridine-d5	40	21,207.00	53017	*	20	120
			Phenol-d5	40	21,392.00	53480	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	21,772.00	54430	*	25	120
			2-Chlorophenol-d4	40	21,639.00	54097	*	20	130
			4-Methylphenol-d8	40	21,414.00	53535	*	25	125
			Nitrobenzene-d5	40	21,282.00	53205	*	20	125
			2-Nitrophenol-d4	40	22,431.00	56078	*	20	130
			2,4-Dichlorophenol-d3	40	21,555.00	53888	*	20	120
			4-Chloroaniline-d4	40	21,302.00	53255	*	1	146
			Dimethylphthalate-d6	40	21,183.00	52958	*	25	130
			Acenaphthylene-d8	40	21,419.00	53547	*	10	130
			4-Nitrophenol-d4	40	21,928.00	54820	*	10	150
			Fluorene-d10	40	20,947.00	52367	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	22,497.00	56242	*	10	130
			Anthracene-d10	40	21,073.00	52683	*	25	130
			Pyrene-d10	40	21,095.00	52738	*	15	130
			Benzo(a)pyrene-d12	40	20,341.00	50852	*	20	130

Surrogate Summary

SW-846

SDG No.: BN052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161084BL	PB161084BL	BN031692.D	1,4-Dioxane-d8	8	5.17	65		15	120
			Pyridine-d5	40	26.91	67		20	120
			Phenol-d5	40	26.11	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.02	68		10	150
			2-Chlorophenol-d4	40	27.30	68		15	120
			4-Methylphenol-d8	40	26.26	66		10	140
			Nitrobenzene-d5	40	27.01	68		10	135
			2-Nitrophenol-d4	40	26.81	67		10	120
			2,4-Dichlorophenol-d3	40	25.43	64		10	140
			4-Chloroaniline-d4	40	28.42	71		1	145
			Dimethylphthalate-d6	40	30.13	75		10	145
			Acenaphthylene-d8	40	27.44	69		15	120
			4-Nitrophenol-d4	40	27.15	68		10	150
			Fluorene-d10	40	28.90	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.69	54		10	130
			Anthracene-d10	40	28.37	71		10	150
			Pyrene-d10	40	27.88	70		10	130
			Benzo(a)pyrene-d12	40	28.47	71		10	140

Surrogate Summary

SW-846

SDG No.: BN052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2569-01	BH5R6	BN031707.D	1,4-Dioxane-d8	8	4.32	54		15	120
			Pyridine-d5	40	20.14	50		20	120
			Phenol-d5	40	24.92	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.73	62		10	150
			2-Chlorophenol-d4	40	25.97	65		15	120
			4-Methylphenol-d8	40	24.78	62		10	140
			Nitrobenzene-d5	40	26.12	65		10	135
			2-Nitrophenol-d4	40	25.69	64		10	120
			2,4-Dichlorophenol-d3	40	26.21	66		10	140
			4-Chloroaniline-d4	40	21.46	54		1	145
			Dimethylphthalate-d6	40	28.10	70		10	145
			Acenaphthylene-d8	40	28.25	71		15	120
			4-Nitrophenol-d4	40	22.20	56		10	150
			Fluorene-d10	40	28.21	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.80	49		10	130
			Anthracene-d10	40	28.91	72		10	150
			Pyrene-d10	40	32.94	82		10	130
			Benzo(a)pyrene-d12	40	30.14	75		10	140
P2569-04	BH644	BN031708.D	1,4-Dioxane-d8	8	2.98	37		15	120
			Pyridine-d5	40	10.96	27		20	120
			Phenol-d5	40	18.11	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.75	44		10	150
			2-Chlorophenol-d4	40	19.27	48		15	120
			4-Methylphenol-d8	40	15.58	39		10	140
			Nitrobenzene-d5	40	18.85	47		10	135
			2-Nitrophenol-d4	40	18.83	47		10	120
			2,4-Dichlorophenol-d3	40	19.24	48		10	140
			4-Chloroaniline-d4	40	2.00	5		1	145
			Dimethylphthalate-d6	40	19.77	49		10	145
			Acenaphthylene-d8	40	20.21	51		15	120
			4-Nitrophenol-d4	40	13.91	35		10	150
			Fluorene-d10	40	19.99	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.13	33		10	130
			Anthracene-d10	40	20.44	51		10	150
			Pyrene-d10	40	25.92	65		10	130
			Benzo(a)pyrene-d12	40	20.48	51		10	140
P2569-05	BH645	BN031709.D	1,4-Dioxane-d8	8	3.99	50		15	120
			Pyridine-d5	40	16.44	41		20	120
			Phenol-d5	40	23.70	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.10	58		10	150
			2-Chlorophenol-d4	40	24.74	62		15	120
			4-Methylphenol-d8	40	20.59	51		10	140
			Nitrobenzene-d5	40	24.79	62		10	135
			2-Nitrophenol-d4	40	25.10	63		10	120
			2,4-Dichlorophenol-d3	40	25.29	63		10	140
			4-Chloroaniline-d4	40	9.73	24		1	145
			Dimethylphthalate-d6	40	26.68	67		10	145
			Acenaphthylene-d8	40	26.54	66		15	120
			4-Nitrophenol-d4	40	19.94	50		10	150

Surrogate Summary

SW-846

SDG No.: BN052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2569-05	BH645	BN031709.D	Fluorene-d10	40	26.69	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.77	32		10	130
			Anthracene-d10	40	27.26	68		10	150
			Pyrene-d10	40	35.34	88		10	130
			Benzo(a)pyrene-d12	40	27.09	68		10	140
P2569-06	BH646	BN031695.D	1,4-Dioxane-d8	8	3.89	49		15	120
			Pyridine-d5	40	15.19	38		20	120
			Phenol-d5	40	21.93	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.32	58		10	150
			2-Chlorophenol-d4	40	22.58	56		15	120
			4-Methylphenol-d8	40	16.51	41		10	140
			Nitrobenzene-d5	40	21.34	53		10	135
			2-Nitrophenol-d4	40	20.36	51		10	120
			2,4-Dichlorophenol-d3	40	21.10	53		10	140
			4-Chloroaniline-d4	40	17.37	43		1	145
			Dimethylphthalate-d6	40	23.47	59		10	145
			Acenaphthylene-d8	40	23.20	58		15	120
			4-Nitrophenol-d4	40	16.61	42		10	150
			Fluorene-d10	40	24.45	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.36	36		10	130
			Anthracene-d10	40	24.33	61		10	150
			Pyrene-d10	40	26.52	66		10	130
			Benzo(a)pyrene-d12	40	25.42	64		10	140
			1,4-Dioxane-d8	8	2.99	37		15	120
			Pyridine-d5	40	3.97	10	*	20	120
P2569-07	BH647	BN031696.D	Phenol-d5	40	15.51	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.87	42		10	150
			2-Chlorophenol-d4	40	16.69	42		15	120
			4-Methylphenol-d8	40	12.52	31		10	140
			Nitrobenzene-d5	40	15.77	39		10	135
			2-Nitrophenol-d4	40	13.77	34		10	120
			2,4-Dichlorophenol-d3	40	15.20	38		10	140
			4-Chloroaniline-d4	40	8.63	22		1	145
			Dimethylphthalate-d6	40	17.19	43		10	145
			Acenaphthylene-d8	40	17.15	43		15	120
			4-Nitrophenol-d4	40	5.67	14		10	150
			Fluorene-d10	40	18.44	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.29	21		10	130
			Anthracene-d10	40	18.58	46		10	150
			Pyrene-d10	40	22.23	56		10	130
			Benzo(a)pyrene-d12	40	20.25	51		10	140
			1,4-Dioxane-d8	8	3.48	44		15	120
			Pyridine-d5	40	14.81	37		20	120
			Phenol-d5	40	20.88	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.40	54		10	150
P2569-08	BH648	BN031697.D	2-Chlorophenol-d4	40	21.42	54		15	120
			4-Methylphenol-d8	40	16.41	41		10	140
			Nitrobenzene-d5	40	20.69	52		10	135
			2-Nitrophenol-d4	40	20.24	51		10	120

Surrogate Summary

SW-846

SDG No.: BN052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2569-08	BH648	BN031697.D	2,4-Dichlorophenol-d3	40	20.68	52		10	140
			4-Chloroaniline-d4	40	12.62	32		1	145
			Dimethylphthalate-d6	40	22.36	56		10	145
			Acenaphthylene-d8	40	22.00	55		15	120
			4-Nitrophenol-d4	40	15.01	38		10	150
			Fluorene-d10	40	22.88	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.06	40		10	130
			Anthracene-d10	40	23.53	59		10	150
			Pyrene-d10	40	27.48	69		10	130
			Benzo(a)pyrene-d12	40	25.72	64		10	140
P2569-09	BH649	BN031710.D	1,4-Dioxane-d8	8	3.93	49		15	120
			Pyridine-d5	40	18.58	46		20	120
			Phenol-d5	40	23.62	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.68	59		10	150
			2-Chlorophenol-d4	40	24.63	62		15	120
			4-Methylphenol-d8	40	21.78	54		10	140
			Nitrobenzene-d5	40	25.73	64		10	135
			2-Nitrophenol-d4	40	26.23	66		10	120
			2,4-Dichlorophenol-d3	40	24.53	61		10	140
			4-Chloroaniline-d4	40	22.06	55		1	145
			Dimethylphthalate-d6	40	27.37	68		10	145
			Acenaphthylene-d8	40	27.63	69		15	120
			4-Nitrophenol-d4	40	20.55	51		10	150
			Fluorene-d10	40	26.78	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.59	29		10	130
			Anthracene-d10	40	27.83	70		10	150
			Pyrene-d10	40	31.90	80		10	130
P2569-10	BH650	BN031698.D	Benzo(a)pyrene-d12	40	28.24	71		10	140
			1,4-Dioxane-d8	8	4.26	53		15	120
			Pyridine-d5	40	17.43	44		20	120
			Phenol-d5	40	24.16	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.03	63		10	150
			2-Chlorophenol-d4	40	25.22	63		15	120
			4-Methylphenol-d8	40	17.54	44		10	140
			Nitrobenzene-d5	40	24.15	60		10	135
			2-Nitrophenol-d4	40	24.27	61		10	120
			2,4-Dichlorophenol-d3	40	23.27	58		10	140
			4-Chloroaniline-d4	40	17.61	44		1	145
			Dimethylphthalate-d6	40	25.49	64		10	145
			Acenaphthylene-d8	40	25.29	63		15	120
			4-Nitrophenol-d4	40	19.83	50		10	150
			Fluorene-d10	40	25.70	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.15	45		10	130
			Anthracene-d10	40	25.00	62		10	150
			Pyrene-d10	40	31.58	79		10	130
P2569-12	BH697	BN031699.D	Benzo(a)pyrene-d12	40	29.02	73		10	140
			1,4-Dioxane-d8	8	3.74	47		15	120
			Pyridine-d5	40	16.27	41		20	120
			Phenol-d5	40	23.25	58		10	130

Surrogate Summary

SW-846

SDG No.: BN052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2569-12	BH697	BN031699.D	Bis(2-Chloroethyl)ether-d8	40	22.72	57		10	150
			2-Chlorophenol-d4	40	24.05	60		15	120
			4-Methylphenol-d8	40	21.47	54		10	140
			Nitrobenzene-d5	40	22.57	56		10	135
			2-Nitrophenol-d4	40	21.99	55		10	120
			2,4-Dichlorophenol-d3	40	23.35	58		10	140
			4-Chloroaniline-d4	40	10.66	27		1	145
			Dimethylphthalate-d6	40	23.71	59		10	145
			Acenaphthylene-d8	40	24.17	60		15	120
			4-Nitrophenol-d4	40	18.00	45		10	150
			Fluorene-d10	40	24.55	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.15	40		10	130
			Anthracene-d10	40	24.82	62		10	150
			Pyrene-d10	40	28.12	70		10	130
			Benzo(a)pyrene-d12	40	26.08	65		10	140
P2569-13	BH698	BN031700.D	1,4-Dioxane-d8	8	3.02	38		15	120
			Pyridine-d5	40	7.16	18	*	20	120
			Phenol-d5	40	19.04	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.74	47		10	150
			2-Chlorophenol-d4	40	19.48	49		15	120
			4-Methylphenol-d8	40	17.80	45		10	140
			Nitrobenzene-d5	40	18.73	47		10	135
			2-Nitrophenol-d4	40	18.22	46		10	120
			2,4-Dichlorophenol-d3	40	18.92	47		10	140
			4-Chloroaniline-d4	40	8.08	20		1	145
			Dimethylphthalate-d6	40	20.27	51		10	145
			Acenaphthylene-d8	40	19.92	50		15	120
			4-Nitrophenol-d4	40	11.63	29		10	150
			Fluorene-d10	40	20.69	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.58	31		10	130
			Anthracene-d10	40	20.88	52		10	150
			Pyrene-d10	40	27.33	68		10	130
P2569-14	BH699	BN031711.D	Benzo(a)pyrene-d12	40	21.79	54		10	140
			1,4-Dioxane-d8	8	3.37	42		15	120
			Pyridine-d5	40	15.89	40		20	120
			Phenol-d5	40	23.26	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.16	55		10	150
			2-Chlorophenol-d4	40	23.55	59		15	120
			4-Methylphenol-d8	40	22.66	57		10	140
			Nitrobenzene-d5	40	23.97	60		10	135
			2-Nitrophenol-d4	40	24.60	62		10	120
			2,4-Dichlorophenol-d3	40	23.39	58		10	140
			4-Chloroaniline-d4	40	19.76	49		1	145
			Dimethylphthalate-d6	40	25.12	63		10	145
			Acenaphthylene-d8	40	25.68	64		15	120
			4-Nitrophenol-d4	40	20.77	52		10	150
			Fluorene-d10	40	25.09	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.15	28		10	130
			Anthracene-d10	40	26.40	66		10	150

Surrogate Summary

SW-846

SDG No.: BN052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2569-14	BH699	BN031711.D	Pyrene-d10	40	32.66	82		10	130
			Benzo(a)pyrene-d12	40	27.47	69		10	140
P2569-15	BH6A0	BN031701.D	Pyridine-d5	40	16.42	41		20	120
			1,4-Dioxane-d8	8	3.65	46		15	120
			Phenol-d5	40	24.47	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.81	60		10	150
			2-Chlorophenol-d4	40	24.51	61		15	120
			4-Methylphenol-d8	40	24.81	62		10	140
			Nitrobenzene-d5	40	24.89	62		10	135
			2-Nitrophenol-d4	40	24.76	62		10	120
			2,4-Dichlorophenol-d3	40	24.96	62		10	140
			4-Chloroaniline-d4	40	22.95	57		1	145
			Dimethylphthalate-d6	40	27.80	70		10	145
			Acenaphthylene-d8	40	27.12	68		15	120
			4-Nitrophenol-d4	40	22.83	57		10	150
			Fluorene-d10	40	27.47	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.11	50		10	130
			Anthracene-d10	40	28.60	71		10	150
			Pyrene-d10	40	32.26	81		10	130
			Benzo(a)pyrene-d12	40	28.51	71		10	140
P2569-17	BH6A2	BN031702.D	1,4-Dioxane-d8	8	2.94	37		15	120
			Pyridine-d5	40	11.68	29		20	120
			Phenol-d5	40	17.01	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.04	43		10	150
			2-Chlorophenol-d4	40	17.77	44		15	120
			4-Methylphenol-d8	40	14.37	36		10	140
			Nitrobenzene-d5	40	16.96	42		10	135
			2-Nitrophenol-d4	40	16.79	42		10	120
			2,4-Dichlorophenol-d3	40	16.71	42		10	140
			4-Chloroaniline-d4	40	10.82	27		1	145
			Dimethylphthalate-d6	40	17.76	44		10	145
			Acenaphthylene-d8	40	17.90	45		15	120
			4-Nitrophenol-d4	40	13.32	33		10	150
			Fluorene-d10	40	18.04	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.10	30		10	130
			Anthracene-d10	40	17.83	45		10	150
			Pyrene-d10	40	22.12	55		10	130
			Benzo(a)pyrene-d12	40	19.35	48		10	140
P2569-18	BH6A3	BN031703.D	1,4-Dioxane-d8	8	3.24	40		15	120
			Pyridine-d5	40	11.11	28		20	120
			Phenol-d5	40	18.34	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.67	47		10	150
			2-Chlorophenol-d4	40	19.33	48		15	120
			4-Methylphenol-d8	40	15.91	40		10	140
			Nitrobenzene-d5	40	18.56	46		10	135
			2-Nitrophenol-d4	40	18.11	45		10	120
			2,4-Dichlorophenol-d3	40	18.17	45		10	140
			4-Chloroaniline-d4	40	12.05	30		1	145
			Dimethylphthalate-d6	40	19.30	48		10	145

Surrogate Summary

SW-846

SDG No.: **BN052924**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2569-18	BH6A3	BN031703.D	Acenaphthylene-d8	40	19.17	48		15	120
			4-Nitrophenol-d4	40	13.22	33		10	150
			Fluorene-d10	40	19.50	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.90	32		10	130
			Anthracene-d10	40	20.17	50		10	150
			Pyrene-d10	40	23.96	60		10	130
			Benzo(a)pyrene-d12	40	21.46	54		10	140
P2569-19	BH6A5	BN031712.D	1,4-Dioxane-d8	8	3.31	41		15	120
			Pyridine-d5	40	11.70	29		20	120
			Phenol-d5	40	20.40	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.82	50		10	150
			2-Chlorophenol-d4	40	21.71	54		15	120
			4-Methylphenol-d8	40	18.74	47		10	140
			Nitrobenzene-d5	40	21.47	54		10	135
			2-Nitrophenol-d4	40	21.57	54		10	120
			2,4-Dichlorophenol-d3	40	21.09	53		10	140
			4-Chloroaniline-d4	40	9.25	23		1	145
			Dimethylphthalate-d6	40	21.55	54		10	145
			Acenaphthylene-d8	40	22.24	56		15	120
			4-Nitrophenol-d4	40	16.23	41		10	150
			Fluorene-d10	40	22.00	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.82	25		10	130
			Anthracene-d10	40	23.46	59		10	150
			Pyrene-d10	40	31.27	78		10	130
			Benzo(a)pyrene-d12	40	23.54	59		10	140
			1,4-Dioxane-d8	8	3.01	38		15	120
			Pyridine-d5	40	13.70	34		20	120
			Phenol-d5	40	19.21	48		10	130
P2569-20	BH6A6	BN031713.D	Bis(2-Chloroethyl)ether-d8	40	18.44	46		10	150
			2-Chlorophenol-d4	40	20.16	50		15	120
			4-Methylphenol-d8	40	18.03	45		10	140
			Nitrobenzene-d5	40	19.44	49		10	135
			2-Nitrophenol-d4	40	19.80	49		10	120
			2,4-Dichlorophenol-d3	40	19.55	49		10	140
			4-Chloroaniline-d4	40	4.05	10		1	145
			Dimethylphthalate-d6	40	19.90	50		10	145
			Acenaphthylene-d8	40	20.17	50		15	120
			4-Nitrophenol-d4	40	15.78	39		10	150
			Fluorene-d10	40	19.84	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.86	22		10	130
			Anthracene-d10	40	21.49	54		10	150
			Pyrene-d10	40	27.42	69		10	130
			Benzo(a)pyrene-d12	40	21.28	53		10	140
			1,4-Dioxane-d8	8	2.26	28		15	120
			Pyridine-d5	40	9.60	24		20	120
			Phenol-d5	40	12.96	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.59	34		10	150
			2-Chlorophenol-d4	40	13.73	34		15	120
			4-Methylphenol-d8	40	12.33	31		10	140
P2569-21	BH6A7	BN031706.D	1,4-Dioxane-d8	8	2.26	28		15	120
			Pyridine-d5	40	9.60	24		20	120
			Phenol-d5	40	12.96	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.59	34		10	150
			2-Chlorophenol-d4	40	13.73	34		15	120

Surrogate Summary

SW-846

SDG No.: BN052924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2569-21	BH6A7	BN031706.D	Nitrobenzene-d5	40	13.11	33		10	135
			2-Nitrophenol-d4	40	12.57	31		10	120
			2,4-Dichlorophenol-d3	40	13.50	34		10	140
			4-Chloroaniline-d4	40	9.98	25		1	145
			Dimethylphthalate-d6	40	15.60	39		10	145
			Acenaphthylene-d8	40	15.03	38		15	120
			4-Nitrophenol-d4	40	9.46	24		10	150
			Fluorene-d10	40	16.07	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.07	23		10	130
			Anthracene-d10	40	16.69	42		10	150
			Pyrene-d10	40	20.84	52		10	130
			Benzo(a)pyrene-d12	40	18.65	47		10	140
			Pyridine-d5	40	37.96	95		20	120
PB161110BL	PB161110BL	BN031705.D	1,4-Dioxane-d8	8	7.53	94		15	120
			Pyridine-d5	40	32.99	82		20	120
		BN031694.D	1,4-Dioxane-d8	8	6.71	84		15	120
			Phenol-d5	40	31.36	78		10	130
		BN031705.D	Phenol-d5	40	39.02	98		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.50	99		10	150
		BN031694.D	Bis(2-Chloroethyl)ether-d8	40	33.32	83		10	150
			2-Chlorophenol-d4	40	32.52	81		15	120
		BN031705.D	2-Chlorophenol-d4	40	40.51	101		15	120
			4-Methylphenol-d8	40	39.11	98		10	140
		BN031694.D	4-Methylphenol-d8	40	31.09	78		10	140
			Nitrobenzene-d5	40	31.27	78		10	135
		BN031705.D	Nitrobenzene-d5	40	38.79	97		10	135
			2-Nitrophenol-d4	40	38.64	97		10	120
		BN031694.D	2-Nitrophenol-d4	40	29.66	74		10	120
			2,4-Dichlorophenol-d3	40	28.82	72		10	140
		BN031705.D	2,4-Dichlorophenol-d3	40	36.62	92		10	140
			4-Chloroaniline-d4	40	38.68	97		1	145
		BN031694.D	4-Chloroaniline-d4	40	32.52	81		1	145
			Dimethylphthalate-d6	40	32.99	82		10	145
		BN031705.D	Dimethylphthalate-d6	40	38.84	97		10	145
			Acenaphthylene-d8	40	38.24	96		15	120
		BN031694.D	Acenaphthylene-d8	40	31.15	78		15	120
			4-Nitrophenol-d4	40	28.52	71		10	150
		BN031705.D	4-Nitrophenol-d4	40	33.93	85		10	150
			Fluorene-d10	40	38.41	96		20	140
		BN031694.D	Fluorene-d10	40	31.89	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.96	55		10	130
		BN031705.D	4,6-Dinitro-2-methylphenol-d2	40	28.28	71		10	130
			Anthracene-d10	40	39.40	98		10	150
		BN031694.D	Anthracene-d10	40	33.62	84		10	150
			Pyrene-d10	40	32.70	82		10	130
		BN031705.D	Pyrene-d10	40	44.10	110		10	130
			Benzo(a)pyrene-d12	40	41.58	104		10	140
		BN031694.D	Benzo(a)pyrene-d12	40	33.11	83		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN052924

Lab Code: CHEM

SAS No.: BN052924 SDG NO.: BN052924

Lab File ID: BN031683.D

DFTPP Injection Date: 05/29/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.6
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	39.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	49.4
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	25.5
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	8.2
442	Greater than 50% of mass 198	59.9
443	15.0 - 24.0% of mass 442	11.4 (19) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020263	SSTDCCC020	BN031684.D	05/29/2024	10:41
SSTD005203	SSTD00568	BN031685.D	05/29/2024	11:20
SSTD010204	SSTD01069	BN031686.D	05/29/2024	12:00
SSTD020205	SSTD02070	BN031687.D	05/29/2024	12:39
SSTD040206	SSTD04071	BN031688.D	05/29/2024	13:18
SSTD080207	SSTD08072	BN031689.D	05/29/2024	13:57
SSTD160208	SSTD16073	BN031690.D	05/29/2024	14:37
SICV209	SSTDICV020	BN031691.D	05/29/2024	15:20
SBLK084	PB161084BL	BN031692.D	05/29/2024	15:59
SSTD020263	SSTDCCC020	BN031693.D	05/29/2024	16:41
SBLK110	PB161110BL	BN031694.D	05/29/2024	17:21
BH646	P2569-06	BN031695.D	05/29/2024	18:00
BH647	P2569-07	BN031696.D	05/29/2024	18:40
BH648	P2569-08	BN031697.D	05/29/2024	19:19
BH650	P2569-10	BN031698.D	05/29/2024	19:58
BH697	P2569-12	BN031699.D	05/29/2024	20:38
BH698	P2569-13	BN031700.D	05/29/2024	21:17
BH6A0	P2569-15	BN031701.D	05/29/2024	21:56

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN052924

Lab Code: CHEM

SAS No.: BN052924

SDG NO.: BN052924

Lab File ID: BN031683.D

DFTPP Injection Date: 05/29/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.6
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	39.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	49.4
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	25.5
365	Greater than 1% of mass 198	2.6
441	Present, but less than mass 443	8.2
442	Greater than 50% of mass 198	59.9
443	15.0 - 24.0% of mass 442	11.4 (19) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
BH6A2	P2569-17	BN031702.D	05/29/2024	22:36
BH6A3	P2569-18	BN031703.D	05/29/2024	23:15
SSTD020264	SSTDCCC020	BN031704.D	05/30/2024	02:31
SBLK110	PB161110BL	BN031705.D	05/30/2024	03:10
BH6A7	P2569-21	BN031706.D	05/30/2024	03:49
BH5R6	P2569-01	BN031707.D	05/30/2024	04:29
BH644	P2569-04	BN031708.D	05/30/2024	05:08
BH645	P2569-05	BN031709.D	05/30/2024	05:47
BH649	P2569-09	BN031710.D	05/30/2024	06:26
BH699	P2569-14	BN031711.D	05/30/2024	07:05
BH6A5	P2569-19	BN031712.D	05/30/2024	07:45
BH6A6	P2569-20	BN031713.D	05/30/2024	08:24