

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052024 SAS No.: BN052024 SDG No.: BN052024

Instrument ID: BNA_N Calibration Date/Time: 5/20/2024 1:08:56

Lab File ID: BN031563.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020251 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.518	0.535	0.010	3.2104	40.0
Benzaldehyde	0.868	1.027	0.010	18.2398	40.0
Pyridine	1.489	1.500	0.010	0.7096	40.0
Phenol	1.793	1.825	0.080	1.7816	20.0
Bis(2-Chloroethyl)ether	1.501	1.547	0.100	3.0781	20.0
2-Chlorophenol	1.268	1.351	0.200	6.5162	20.0
2-Methylphenol	1.311	1.346	0.010	2.6729	20.0
2,2-oxybis(1-Chloropropane)	1.949	2.094	0.010	7.412	40.0
Acetophenone	2.215	2.348	0.060	5.9894	20.0
4-Methylphenol	1.413	1.483	0.010	4.9372	20.0
N-Nitroso-di-n-propylamine	1.098	1.206	0.050	9.8449	30.0
Hexachloroethane	0.577	0.600	0.100	3.9776	20.0
Nitrobenzene	0.368	0.384	0.050	4.4449	25.0
Isophorone	0.698	0.734	0.050	5.0759	25.0
2-Nitrophenol	0.117	0.139	0.050	19.2228	25.0
2,4-Dimethylphenol	0.314	0.331	0.050	5.5279	25.0
Bis(2-Chloroethoxy)methane	0.452	0.476	0.050	5.365	20.0
2,4-Dichlorophenol	0.251	0.278	0.060	10.5139	20.0
Naphthalene	1.043	1.072	0.200	2.7548	20.0
4-Chloroaniline	0.433	0.442	0.010	1.9922	40.0
Hexachlorobutadiene	0.168	0.172	0.040	2.3847	30.0
Caprolactam	0.095	0.096	0.010	0.8085	40.0
4-Chloro-3-methylphenol	0.291	0.321	0.040	10.3213	25.0
1-Methylnaphthalene	0.687	0.722	0.100	5.0744	20.0
2-Methylnaphthalene	0.678	0.720	0.100	6.1074	20.0
Hexachlorocyclopentadiene	0.286	0.268	0.010	-6.396	40.0
2,4,6-Trichlorophenol	0.274	0.309	0.090	12.6941	25.0
2,4,5-Trichlorophenol	0.321	0.349	0.100	8.8018	25.0
1,1-Biphenyl	1.412	1.413	0.200	0.0787	20.0
2-Chloronaphthalene	1.108	1.105	0.300	-0.302	20.0
2-Nitroaniline	0.285	0.319	0.050	11.782	40.0
Dimethylphthalate	1.327	1.362	0.300	2.6211	20.0
2,6-Dinitrotoluene	0.226	0.253	0.080	12.0106	30.0
Acenaphthylene	1.818	1.872	0.400	2.9494	20.0
3-Nitroaniline	0.265	0.287	0.010	8.2712	40.0
Acenaphthene	1.219	1.226	0.200	0.5247	20.0
2,4-Dinitrophenol	0.096	0.092	0.010	-4.5295	40.0
4-Nitrophenol	0.196	0.194	0.010	-1.0795	40.0
Dibenzofuran	1.652	1.623	0.300	-1.7417	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052024 SAS No.: BN052024 SDG No.: BN052024

Instrument ID: BNA_N Calibration Date/Time: 5/20/2024 1:08:56

Lab File ID: BN031563.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020251 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.327	0.383	0.070	17.05	30.0
Diethylphthalate	1.330	1.396	0.300	4.9276	20.0
Fluorene	1.356	1.388	0.200	2.3998	20.0
4-Chlorophenyl-phenylether	0.647	0.638	0.100	-1.3874	20.0
4-Nitroaniline	0.267	0.288	0.010	8.0418	40.0
4,6-Dinitro-2-methylphenol	0.079	0.081	0.010	2.0964	40.0
N-Nitrosodiphenylamine	0.542	0.551	0.050	1.6072	20.0
1,2,4,5-Tetrachlorobenzene	0.526	0.521	0.100	-0.8051	20.0
4-Bromophenyl-phenylether	0.182	0.188	0.070	3.6437	20.0
Hexachlorobenzene	0.212	0.215	0.050	1.5775	25.0
Atrazine	0.160	0.158	0.010	-1.056	25.0
Pentachlorophenol	0.107	0.110	0.010	2.3433	40.0
Phenanthrene	1.048	1.061	0.200	1.25	20.0
Pentachlorobenzene	0.245	0.246	0.050	0.3993	20.0
Anthracene	1.057	1.046	0.200	-1.0296	20.0
1,2,3,4-Tetrachlorobenzene	0.253	0.250	0.050	-1.0959	20.0
Carbazole	0.951	0.944	0.050	-0.7149	40.0
Di-n-butylphthalate	1.048	1.140	0.500	8.7359	25.0
Fluoranthene	1.171	1.375	0.400	17.3794	25.0
Pyrene	1.268	1.423	0.400	12.1691	25.0
Butylbenzylphthalate	0.400	0.521	0.100	30.3666	40.0
3,3-Dichlorobenzidine	0.369	0.378	0.010	2.5717	40.0
Benzo (a) anthracene	1.315	1.363	0.300	3.65	30.0
Chrysene	1.229	1.242	0.200	1.0664	30.0
Bis(2-ethylhexyl)phthalate	0.657	0.827	0.200	25.9083	40.0
Di-n-octyl phthalate	0.997	1.281	0.010	28.5405	40.0
Benzo (b) fluoranthene	1.133	1.250	0.200	10.2953	25.0
Benzo (k) fluoranthene	1.158	1.245	0.200	7.4632	25.0
Benzo (a) pyrene	1.099	1.137	0.200	3.4356	20.0
Indeno (1,2,3-cd) pyrene	1.239	1.124	0.200	-9.2302	25.0
Dibenzo (a,h) anthracene	1.055	0.946	0.200	-10.3236	30.0
Benzo (g,h,i) perylene	1.000	0.870	0.200	-13.0264	30.0
2,3,4,6-Tetrachlorophenol	0.232	0.266	0.040	14.7123	20.0
1,4-Dioxane-d8	0.486	0.492	0.010	1.3105	25.0
Pyridine-d5	1.485	1.487	0.010	0.1507	40.0
Phenol-d5	1.697	1.731	0.010	1.9703	25.0
Bis- (2-Chloroethyl) ether-d8	1.111	1.169	0.050	5.1837	25.0
2-Chlorophenol-d4	1.164	1.243	0.200	6.7916	20.0
4-Methylphenol-d8	1.303	1.360	0.010	4.3621	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052024 SAS No.: BN052024 SDG No.: BN052024

Instrument ID: BNA_N Calibration Date/Time: 5/20/2024 1:08:56

Lab File ID: BN031563.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020251 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.132	0.139	0.050	5.6341	20.0
2-Nitrophenol-d4	0.099	0.116	0.050	16.2932	30.0
2,4-Dichlorophenol-d3	0.247	0.273	0.060	10.3367	20.0
4-Chloroaniline-d4	0.440	0.446	0.010	1.4599	40.0
Dimethylphthalate-d6	1.265	1.330	0.300	5.1633	20.0
Acenaphthylene-d8	1.546	1.607	0.400	3.9854	20.0
4-Nitrophenol-d4	0.243	0.243	0.010	-0.0275	40.0
Fluorene-d10	1.157	1.183	0.100	2.2523	20.0
4,6-Dinitro-2-methylphenol-d2	0.072	0.069	0.010	-2.9587	40.0
Anthracene-d10	0.855	0.856	0.300	0.1247	20.0
Pyrene-d10	0.993	1.113	0.300	12.1284	25.0
Benzo(a)pyrene-d12	0.888	0.922	0.010	3.8131	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.: BN052024 SAS No.: BN052024 SDG No.: BN052024

Instrument ID: BNA_N Calibration Date/Time: 5/20/2024 1:13:41

Lab File ID: BN031570.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020252 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.518	0.543	0.010	4.881	40.0
Pyridine	1.489	1.516	0.010	1.8059	40.0
Benzaldehyde	0.868	1.026	0.010	18.1912	40.0
Phenol	1.793	1.809	0.080	0.9107	20.0
Bis(2-Chloroethyl) ether	1.501	1.550	0.100	3.2709	20.0
2-Chlorophenol	1.268	1.360	0.200	7.2282	20.0
2-Methylphenol	1.311	1.363	0.010	4.0236	20.0
2,2-oxybis(1-Chloropropane)	1.949	1.982	0.010	1.6645	40.0
Acetophenone	2.215	2.289	0.060	3.3492	20.0
4-Methylphenol	1.413	1.461	0.010	3.3762	20.0
N-Nitroso-di-n-propylamine	1.098	1.166	0.050	6.191	30.0
Hexachloroethane	0.577	0.594	0.100	2.9615	20.0
Nitrobenzene	0.368	0.381	0.050	3.449	25.0
Isophorone	0.698	0.740	0.050	6.0358	25.0
2-Nitrophenol	0.117	0.145	0.050	23.6769	25.0
2,4-Dimethylphenol	0.314	0.333	0.050	5.9846	25.0
Bis(2-Chloroethoxy) methane	0.452	0.466	0.050	3.0367	20.0
2,4-Dichlorophenol	0.251	0.275	0.060	9.371	20.0
Naphthalene	1.043	1.059	0.200	1.5415	20.0
4-Chloroaniline	0.433	0.427	0.010	-1.3575	40.0
Hexachlorobutadiene	0.168	0.170	0.040	1.5867	30.0
Caprolactam	0.095	0.092	0.010	-3.2298	40.0
4-Chloro-3-methylphenol	0.291	0.316	0.040	8.5215	25.0
1-Methylnaphthalene	0.687	0.711	0.100	3.4311	20.0
2-Methylnaphthalene	0.678	0.706	0.100	4.0309	20.0
Hexachlorocyclopentadiene	0.286	0.285	0.010	-0.4553	40.0
2,4,6-Trichlorophenol	0.274	0.311	0.090	13.4559	25.0
2,4,5-Trichlorophenol	0.321	0.351	0.100	9.583	25.0
1,1-Biphenyl	1.412	1.420	0.200	0.5759	20.0
2-Chloronaphthalene	1.108	1.118	0.300	0.8526	20.0
2-Nitroaniline	0.285	0.310	0.050	8.6734	40.0
Dimethylphthalate	1.327	1.333	0.300	0.4484	20.0
2,6-Dinitrotoluene	0.226	0.251	0.080	10.8485	30.0
Acenaphthylene	1.818	1.853	0.400	1.9395	20.0
3-Nitroaniline	0.265	0.281	0.010	6.2218	40.0
Acenaphthene	1.219	1.193	0.200	-2.1304	20.0
2,4-Dinitrophenol	0.096	0.087	0.010	-9.8795	40.0
4-Nitrophenol	0.196	0.183	0.010	-6.8512	40.0
Dibenzofuran	1.652	1.648	0.300	-0.2446	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN052024 SAS No.: BN052024 SDG No.: BN052024
Instrument ID: BNA_N Calibration Date/Time: 5/20/2024 1:13:41
Lab File ID: BN031570.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020252 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.327	0.364	0.070	11.297	30.0
Diethylphthalate	1.330	1.325	0.300	-0.3877	20.0
Fluorene	1.356	1.342	0.200	-1.0485	20.0
4-Chlorophenyl-phenylether	0.647	0.641	0.100	-0.9658	20.0
4-Nitroaniline	0.267	0.269	0.010	0.7031	40.0
4,6-Dinitro-2-methylphenol	0.079	0.080	0.010	0.5237	40.0
N-Nitrosodiphenylamine	0.542	0.592	0.050	9.0846	20.0
1,2,4,5-Tetrachlorobenzene	0.526	0.547	0.100	3.996	20.0
4-Bromophenyl-phenylether	0.182	0.208	0.070	14.2738	20.0
Hexachlorobenzene	0.212	0.227	0.050	7.042	25.0
Atrazine	0.160	0.165	0.010	3.018	25.0
Pentachlorophenol	0.107	0.110	0.010	2.4737	40.0
Phenanthrene	1.048	1.075	0.200	2.6222	20.0
Pentachlorobenzene	0.245	0.279	0.050	13.8435	20.0
Anthracene	1.057	1.076	0.200	1.8407	20.0
1,2,3,4-Tetrachlorobenzene	0.253	0.295	0.050	16.6856	20.0
Carbazole	0.951	0.945	0.050	-0.5929	40.0
Di-n-butylphthalate	1.048	1.107	0.500	5.5697	25.0
Fluoranthene	1.171	1.607	0.400	37.203	25.0
Pyrene	1.268	1.653	0.400	30.3068	25.0
Butylbenzylphthalate	0.400	0.512	0.100	27.9808	40.0
3,3-Dichlorobenzidine	0.369	0.365	0.010	-0.9786	40.0
Benzo (a) anthracene	1.315	1.348	0.300	2.5396	30.0
Chrysene	1.229	1.262	0.200	2.6474	30.0
Bis (2-ethylhexyl) phthalate	0.657	0.741	0.200	12.7973	40.0
Di-n-octyl phthalate	0.997	1.036	0.010	3.9346	40.0
Benzo (b) fluoranthene	1.133	1.166	0.200	2.871	25.0
Benzo (k) fluoranthene	1.158	1.252	0.200	8.102	25.0
Benzo (a) pyrene	1.099	1.130	0.200	2.7972	20.0
Indeno (1,2,3-cd) pyrene	1.239	1.302	0.200	5.1269	25.0
Dibenzo (a,h) anthracene	1.055	1.103	0.200	4.5315	30.0
Benzo (g,h,i) perylene	1.000	1.068	0.200	6.8109	30.0
2,3,4,6-Tetrachlorophenol	0.232	0.255	0.040	9.6275	20.0
1,4-Dioxane-d8	0.486	0.492	0.010	1.2661	25.0
Pyridine-d5	1.485	1.458	0.010	-1.8086	40.0
Phenol-d5	1.697	1.736	0.010	2.2762	25.0
Bis- (2-Chloroethyl) ether-d8	1.111	1.143	0.050	2.8239	25.0
2-Chlorophenol-d4	1.164	1.268	0.200	8.9397	20.0
4-Methylphenol-d8	1.303	1.338	0.010	2.6755	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN052024 SAS No.: BN052024 SDG No.: BN052024
 Instrument ID: BNA_N Calibration Date/Time: 5/20/2024 1:13:41
 Lab File ID: BN031570.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020252 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.132	0.144	0.050	9.5999	20.0
2-Nitrophenol-d4	0.099	0.119	0.050	20.0477	30.0
2,4-Dichlorophenol-d3	0.247	0.275	0.060	11.1792	20.0
4-Chloroaniline-d4	0.440	0.430	0.010	-2.1733	40.0
Dimethylphthalate-d6	1.265	1.305	0.300	3.1418	20.0
Acenaphthylene-d8	1.546	1.581	0.400	2.2642	20.0
4-Nitrophenol-d4	0.243	0.228	0.010	-5.8928	40.0
Fluorene-d10	1.157	1.123	0.100	-2.8993	20.0
4,6-Dinitro-2-methylphenol-d2	0.072	0.072	0.010	0.3145	40.0
Anthracene-d10	0.855	0.887	0.300	3.7142	20.0
Pyrene-d10	0.993	1.315	0.300	32.451	25.0
Benzo(a)pyrene-d12	0.888	0.918	0.010	3.4346	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.: BN052024 SAS No.: BN052024 SDG No.: BN052024

Instrument ID: BNA_N Calibration Date/Time: 5/21/2024 1:00:31

Lab File ID: BN031584.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020253 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.518	0.526	0.010	1.4527	50.0
Benzaldehyde	0.868	0.983	0.010	13.1516	50.0
Pyridine	1.489	1.410	0.010	-5.3383	50.0
Phenol	1.793	1.765	0.080	-1.5651	50.0
Bis(2-Chloroethyl) ether	1.501	1.473	0.100	-1.8685	50.0
2-Chlorophenol	1.268	1.363	0.200	7.4671	50.0
2-Methylphenol	1.311	1.332	0.010	1.6161	50.0
2,2-oxybis(1-Chloropropane)	1.949	1.718	0.010	-11.868	50.0
Acetophenone	2.215	2.097	0.060	-5.3304	50.0
4-Methylphenol	1.413	1.402	0.010	-0.7659	50.0
N-Nitroso-di-n-propylamine	1.098	1.059	0.050	-3.5251	50.0
Hexachloroethane	0.577	0.586	0.100	1.5432	50.0
Nitrobenzene	0.368	0.373	0.050	1.3292	50.0
Isophorone	0.698	0.715	0.050	2.3926	50.0
2-Nitrophenol	0.117	0.165	0.050	41.3486	50.0
2,4-Dimethylphenol	0.314	0.333	0.050	6.0343	50.0
Bis(2-Chloroethoxy) methane	0.452	0.453	0.050	0.2906	50.0
2,4-Dichlorophenol	0.251	0.285	0.060	13.3341	50.0
Naphthalene	1.043	1.036	0.200	-0.6812	50.0
4-Chloroaniline	0.433	0.410	0.010	-5.4278	50.0
Hexachlorobutadiene	0.168	0.177	0.040	5.9488	50.0
Caprolactam	0.095	0.090	0.010	-5.4043	50.0
4-Chloro-3-methylphenol	0.291	0.306	0.040	5.1042	50.0
1-Methylnaphthalene	0.687	0.672	0.100	-2.2762	50.0
2-Methylnaphthalene	0.678	0.678	0.100	-0.0651	50.0
Hexachlorocyclopentadiene	0.286	0.317	0.010	10.7563	50.0
2,4,6-Trichlorophenol	0.274	0.362	0.090	32.0798	50.0
2,4,5-Trichlorophenol	0.321	0.384	0.100	19.7831	50.0
1,1-Biphenyl	1.412	1.501	0.200	6.3088	50.0
2-Chloronaphthalene	1.108	1.185	0.300	6.9197	50.0
2-Nitroaniline	0.285	0.317	0.050	11.208	50.0
Dimethylphthalate	1.327	1.367	0.300	3.0378	50.0
2,6-Dinitrotoluene	0.226	0.269	0.080	19.023	50.0
Acenaphthylene	1.818	1.879	0.400	3.3581	50.0
3-Nitroaniline	0.265	0.290	0.010	9.5304	50.0
Acenaphthene	1.219	1.207	0.200	-1.016	50.0
2,4-Dinitrophenol	0.096	0.089	0.010	-7.3904	50.0
4-Nitrophenol	0.196	0.175	0.010	-10.494	50.0
Dibenzofuran	1.652	1.595	0.300	-3.4425	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052024 SAS No.: BN052024 SDG No.: BN052024

Instrument ID: BNA_N Calibration Date/Time: 5/21/2024 1:00:31

Lab File ID: BN031584.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020253 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.327	0.352	0.070	7.59	50.0
Diethylphthalate	1.330	1.310	0.300	-1.5378	50.0
Fluorene	1.356	1.279	0.200	-5.6989	50.0
4-Chlorophenyl-phenylether	0.647	0.607	0.100	-6.2274	50.0
4-Nitroaniline	0.267	0.270	0.010	1.3185	50.0
4,6-Dinitro-2-methylphenol	0.079	0.088	0.010	10.9487	50.0
N-Nitrosodiphenylamine	0.542	0.624	0.050	14.9873	50.0
1,2,4,5-Tetrachlorobenzene	0.526	0.587	0.100	11.7212	50.0
4-Bromophenyl-phenylether	0.182	0.207	0.070	13.7834	50.0
Hexachlorobenzene	0.212	0.229	0.050	8.2744	50.0
Atrazine	0.160	0.175	0.010	9.3612	50.0
Pentachlorophenol	0.107	0.125	0.010	16.5019	50.0
Phenanthrene	1.048	1.062	0.200	1.3151	50.0
Pentachlorobenzene	0.245	0.298	0.050	21.7603	50.0
Anthracene	1.057	1.077	0.200	1.9607	50.0
1,2,3,4-Tetrachlorobenzene	0.253	0.341	0.050	34.8447	50.0
Carbazole	0.951	0.942	0.050	-1.0009	50.0
Di-n-butylphthalate	1.048	1.168	0.500	11.4576	50.0
Fluoranthene	1.171	1.400	0.400	19.5716	50.0
Pyrene	1.268	1.399	0.400	10.3337	50.0
Butylbenzylphthalate	0.400	0.569	0.100	42.1877	50.0
3,3-Dichlorobenzidine	0.369	0.379	0.010	2.7596	50.0
Benzo (a) anthracene	1.315	1.369	0.300	4.1632	50.0
Chrysene	1.229	1.254	0.200	2.0435	50.0
Bis(2-ethylhexyl)phthalate	0.657	0.825	0.200	25.4878	50.0
Di-n-octyl phthalate	0.997	1.186	0.010	18.9707	50.0
Benzo (b) fluoranthene	1.133	1.125	0.200	-0.7574	50.0
Benzo (k) fluoranthene	1.158	1.166	0.200	0.675	50.0
Benzo (a) pyrene	1.099	1.110	0.200	0.9545	50.0
Indeno (1,2,3-cd) pyrene	1.239	1.369	0.200	10.5575	50.0
Dibenzo (a,h) anthracene	1.055	1.124	0.200	6.5047	50.0
Benzo (g,h,i) perylene	1.000	1.098	0.200	9.739	50.0
2,3,4,6-Tetrachlorophenol	0.232	0.277	0.040	19.1261	50.0
1,4-Dioxane-d8	0.486	0.486	0.010	0.187	50.0
Pyridine-d5	1.485	1.433	0.010	-3.4743	50.0
Phenol-d5	1.697	1.724	0.010	1.5653	50.0
Bis- (2-Chloroethyl) ether-d8	1.111	1.038	0.050	-6.6194	50.0
2-Chlorophenol-d4	1.164	1.298	0.200	11.5587	50.0
4-Methylphenol-d8	1.303	1.325	0.010	1.6546	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052024 SAS No.: BN052024 SDG No.: BN052024

Instrument ID: BNA_N Calibration Date/Time: 5/21/2024 1:00:31

Lab File ID: BN031584.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020253 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.132	0.154	0.050	17.1398	50.0
2-Nitrophenol-d4	0.099	0.148	0.050	48.495	50.0
2,4-Dichlorophenol-d3	0.247	0.286	0.060	15.8079	50.0
4-Chloroaniline-d4	0.440	0.412	0.010	-6.2929	50.0
Dimethylphthalate-d6	1.265	1.327	0.300	4.9166	50.0
Acenaphthylene-d8	1.546	1.641	0.400	6.1549	50.0
4-Nitrophenol-d4	0.243	0.228	0.010	-5.8591	50.0
Fluorene-d10	1.157	1.118	0.100	-3.3893	50.0
4,6-Dinitro-2-methylphenol-d2	0.072	0.079	0.010	9.9836	50.0
Anthracene-d10	0.855	0.883	0.300	3.2999	50.0
Pyrene-d10	0.993	1.135	0.300	14.334	50.0
Benzo(a)pyrene-d12	0.888	0.941	0.010	5.9486	50.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052024 SAS No.: BN052024 SDG No.: BN052024

Instrument ID: BNA_N Calibration Date/Time: 5/21/2024 1:07:43

Lab File ID: BN031593.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020254 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.518	0.502	0.010	-3.1328	50.0
Benzaldehyde	0.868	0.999	0.010	15.0417	50.0
Pyridine	1.489	1.394	0.010	-6.417	50.0
Phenol	1.793	1.815	0.080	1.251	50.0
Bis(2-Chloroethyl) ether	1.501	1.506	0.100	0.3632	50.0
2-Chlorophenol	1.268	1.391	0.200	9.6738	50.0
2-Methylphenol	1.311	1.390	0.010	6.0162	50.0
2,2-oxybis(1-Chloropropane)	1.949	1.773	0.010	-9.0391	50.0
Acetophenone	2.215	2.198	0.060	-0.7619	50.0
4-Methylphenol	1.413	1.478	0.010	4.5769	50.0
N-Nitroso-di-n-propylamine	1.098	1.108	0.050	0.9515	50.0
Hexachloroethane	0.577	0.595	0.100	3.1984	50.0
Nitrobenzene	0.368	0.374	0.050	1.6451	50.0
Isophorone	0.698	0.744	0.050	6.4796	50.0
2-Nitrophenol	0.117	0.172	0.050	46.6625	50.0
2,4-Dimethylphenol	0.314	0.335	0.050	6.8685	50.0
Bis(2-Chloroethoxy) methane	0.452	0.462	0.050	2.2963	50.0
2,4-Dichlorophenol	0.251	0.291	0.060	16.0364	50.0
Naphthalene	1.043	1.046	0.200	0.3133	50.0
4-Chloroaniline	0.433	0.424	0.010	-2.215	50.0
Hexachlorobutadiene	0.168	0.176	0.040	4.7757	50.0
Caprolactam	0.095	0.106	0.010	11.6474	50.0
4-Chloro-3-methylphenol	0.291	0.335	0.040	15.0553	50.0
1-Methylnaphthalene	0.687	0.703	0.100	2.2923	50.0
2-Methylnaphthalene	0.678	0.707	0.100	4.2312	50.0
Hexachlorocyclopentadiene	0.286	0.293	0.010	2.4292	50.0
2,4,6-Trichlorophenol	0.274	0.377	0.090	37.5162	50.0
2,4,5-Trichlorophenol	0.321	0.397	0.100	23.7992	50.0
1,1-Biphenyl	1.412	1.453	0.200	2.9389	50.0
2-Chloronaphthalene	1.108	1.127	0.300	1.6536	50.0
2-Nitroaniline	0.285	0.333	0.050	16.6908	50.0
Dimethylphthalate	1.327	1.383	0.300	4.2358	50.0
2,6-Dinitrotoluene	0.226	0.293	0.080	29.5121	50.0
Acenaphthylene	1.818	1.856	0.400	2.0732	50.0
3-Nitroaniline	0.265	0.317	0.010	19.6312	50.0
Acenaphthene	1.219	1.222	0.200	0.2267	50.0
2,4-Dinitrophenol	0.096	0.107	0.010	11.3163	50.0
4-Nitrophenol	0.196	0.190	0.010	-3.3113	50.0
Dibenzofuran	1.652	1.618	0.300	-2.0549	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052024 SAS No.: BN052024 SDG No.: BN052024

Instrument ID: BNA_N Calibration Date/Time: 5/21/2024 1:07:43

Lab File ID: BN031593.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020254 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.327	0.407	0.070	24.3638	50.0
Diethylphthalate	1.330	1.398	0.300	5.141	50.0
Fluorene	1.356	1.301	0.200	-4.0231	50.0
4-Chlorophenyl-phenylether	0.647	0.629	0.100	-2.7639	50.0
4-Nitroaniline	0.267	0.301	0.010	12.6317	50.0
4,6-Dinitro-2-methylphenol	0.079	0.098	0.010	23.3272	50.0
N-Nitrosodiphenylamine	0.542	0.602	0.050	11.0609	50.0
1,2,4,5-Tetrachlorobenzene	0.526	0.560	0.100	6.4428	50.0
4-Bromophenyl-phenylether	0.182	0.206	0.070	13.5377	50.0
Hexachlorobenzene	0.212	0.224	0.050	5.6485	50.0
Atrazine	0.160	0.179	0.010	12.252	50.0
Pentachlorophenol	0.107	0.125	0.010	16.6352	50.0
Phenanthrene	1.048	1.023	0.200	-2.4003	50.0
Pentachlorobenzene	0.245	0.276	0.050	12.7416	50.0
Anthracene	1.057	1.037	0.200	-1.8795	50.0
1,2,3,4-Tetrachlorobenzene	0.253	0.299	0.050	18.2148	50.0
Carbazole	0.951	0.914	0.050	-3.8912	50.0
Di-n-butylphthalate	1.048	1.198	0.500	14.3211	50.0
Fluoranthene	1.171	1.670	0.400	42.6216	50.0
Pyrene	1.268	1.674	0.400	31.9973	50.0
Butylbenzylphthalate	0.400	0.705	0.100	76.2522	50.0
3,3-Dichlorobenzidine	0.369	0.388	0.010	5.3965	50.0
Benzo (a) anthracene	1.315	1.394	0.300	6.0688	50.0
Chrysene	1.229	1.275	0.200	3.6994	50.0
Bis(2-ethylhexyl)phthalate	0.657	0.976	0.200	48.5497	50.0
Di-n-octyl phthalate	0.997	1.337	0.010	34.1707	50.0
Benzo (b) fluoranthene	1.133	1.162	0.200	2.519	50.0
Benzo (k) fluoranthene	1.158	1.181	0.200	1.9584	50.0
Benzo (a) pyrene	1.099	1.109	0.200	0.8692	50.0
Indeno (1,2,3-cd) pyrene	1.239	1.360	0.200	9.803	50.0
Dibenzo (a,h) anthracene	1.055	1.099	0.200	4.1197	50.0
Benzo (g,h,i) perylene	1.000	1.105	0.200	10.4496	50.0
2,3,4,6-Tetrachlorophenol	0.232	0.305	0.040	31.1443	50.0
1,4-Dioxane-d8	0.486	0.465	0.010	-4.2172	50.0
Pyridine-d5	1.485	1.394	0.010	-6.1282	50.0
Phenol-d5	1.697	1.765	0.010	4.0075	50.0
Bis- (2-Chloroethyl) ether-d8	1.111	1.057	0.050	-4.8599	50.0
2-Chlorophenol-d4	1.164	1.338	0.200	15.0154	50.0
4-Methylphenol-d8	1.303	1.411	0.010	8.2715	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN052024 SAS No.: BN052024 SDG No.: BN052024
Instrument ID: BNA_N Calibration Date/Time: 5/21/2024 1:07:43
Lab File ID: BN031593.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020254 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.132	0.158	0.050	20.2097	50.0
2-Nitrophenol-d4	0.099	0.158	0.050	58.9082	50.0
2,4-Dichlorophenol-d3	0.247	0.299	0.060	20.9876	50.0
4-Chloroaniline-d4	0.440	0.432	0.010	-1.7249	50.0
Dimethylphthalate-d6	1.265	1.368	0.300	8.1697	50.0
Acenaphthylene-d8	1.546	1.657	0.400	7.2125	50.0
4-Nitrophenol-d4	0.243	0.256	0.010	5.4945	50.0
Fluorene-d10	1.157	1.163	0.100	0.5595	50.0
4,6-Dinitro-2-methylphenol-d2	0.072	0.088	0.010	23.3225	50.0
Anthracene-d10	0.855	0.847	0.300	-0.9871	50.0
Pyrene-d10	0.993	1.337	0.300	34.6657	50.0
Benzo(a)pyrene-d12	0.888	0.945	0.010	6.4218	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK893	SDG No.:	BN052024
Lab Sample ID:	PB160893BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031564.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160893

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

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK893	SDG No.:	BN052024
Lab Sample ID:	PB160893BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031564.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160893

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

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK893	SDG No.:	BN052024
Lab Sample ID:	PB160893BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031564.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160893

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.45		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	26.158		20-120		65	SPK: -40
4165-62-2	Phenol-d5	27.453		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.931		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.714		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	28.14		25-125		70	SPK: -40
4165-60-0	Nitrobenzene-d5	31.299		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.023		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.002		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.36		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.415		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	29.349		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.025		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	28.851		25-125		72	SPK: -40

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK893	SDG No.:	BN052024
Lab Sample ID:	PB160893BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031564.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160893

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.084		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	29.309		25-130		73	SPK: -40
1718-52-1	Pyrene-d10	34.359		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.782		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	535463	7.692				
1146-65-2	Naphthalene-d8	2374111	10.475				
15067-26-2	Acenaphthene-d10	1567446	14.327				
1517-22-2	Phenanthrene-d10	3248772	17.074				
1719-03-5	Chrysene-d12	2703676	21.303				
1520-96-3	Perylene-d12	2565528	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-03	SDG No.:	BN052024
Lab Sample ID:	P2409-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031565.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160893

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	J	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	6.5	J	1.4	5	10	ug/L
110-86-1	Pyridine	4.8	J	0.85	10	10	ug/L
108-95-2	Phenol	4.7	J	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	4.9	J	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	5		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	4.3	J	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.8	J	1.4	5	10	ug/L
98-86-2	Acetophenone	5	J	2.1	5	10	ug/L
106-44-5	4-Methylphenol	4.7	J	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	4.7	J	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	4.9	J	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	5		1.3	2.5	5	ug/L
78-59-1	Isophorone	4.6	J	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	5.6		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	3.2	J	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	4.9	J	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	5.1		1.4	2.5	5	ug/L
91-20-3	Naphthalene	4.9	J	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	4.7	J	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.9	J	1.1	2.5	5	ug/L
105-60-2	Caprolactam	4.2	J	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	4.6	J	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	5.1		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	5		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.6	J	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	4.6	J	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	4.4	J	1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-03	SDG No.:	BN052024
Lab Sample ID:	P2409-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031565.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160893

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	5		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.9	J	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	4.2	J	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	5		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	4.2	J	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	5		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	4.2	J	0.86	5	10	ug/L
83-32-9	Acenaphthene	4.9	J	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	3.9	J	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	5	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	5		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.5	J	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	4.7	J	1.5	2.5	5	ug/L
86-73-7	Fluorene	5		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.9	J	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	4.4	J	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.6	J	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	4.7	J	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.9	J	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.8	J	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	4.9	J	1.9	2.5	5	ug/L
1912-24-9	Atrazine	5.3	J	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	4.2	J	1.7	5	10	ug/L
85-01-8	Phenanthrene	4.8	J	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	5.2		1.3	2.5	5	ug/L
120-12-7	Anthracene	4.5	J	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.8	J	0.75	2.5	5	ug/L
86-74-8	Carbazole	4.5	J	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	4.3	J	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	5.5		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-03	SDG No.:	BN052024
Lab Sample ID:	P2409-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031565.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160893

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5.5		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	4.3	J	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.5	J	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	4.8	J	1.5	2.5	5	ug/L
218-01-9	Chrysene	4.7	J	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.3	J	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	4.1	J	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	5		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.9	J	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	4.8	J	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.8	J	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.8	J	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	3.8	J	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.7	J	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.418		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	25.591		20-120		64	SPK: -40
4165-62-2	Phenol-d5	25.583		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.898		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.661		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	25.256		25-125		63	SPK: -40
4165-60-0	Nitrobenzene-d5	28.119		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.205		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.742		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.579		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.853		25-130		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.535		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.135		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	26.104		25-125		65	SPK: -40

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-03	SDG No.:	BN052024
Lab Sample ID:	P2409-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031565.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160893

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.597		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	23.709		25-130		59	SPK: -40
1718-52-1	Pyrene-d10	29.47		15-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.252		20-130		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	475145	7.693				
1146-65-2	Naphthalene-d8	2146102	10.475				
15067-26-2	Acenaphthene-d10	1373252	14.328				
1517-22-2	Phenanthrene-d10	2874031	17.074				
1719-03-5	Chrysene-d12	2438701	21.304				
1520-96-3	Perylene-d12	2006323	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-03	SDG No.:	BN052024
Lab Sample ID:	P2409-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN031566.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	J	12	6.6	66	ug/Kg
100-52-7	Benzaldehyde	210	J	48	82.2	330	ug/Kg
110-86-1	Pyridine	160	J	12	160	330	ug/Kg
108-95-2	Phenol	160	J	45	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	160	J	35	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	160	J	22	42.4	170	ug/Kg
95-48-7	2-Methylphenol	140	J	39	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	J	29	82.2	330	ug/Kg
98-86-2	Acetophenone	160	J	59	82.2	330	ug/Kg
106-44-5	4-Methylphenol	150	J	41	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	160	J	37	42.4	170	ug/Kg
67-72-1	Hexachloroethane	160	J	16	42.4	170	ug/Kg
98-95-3	Nitrobenzene	170		27	42.4	170	ug/Kg
78-59-1	Isophorone	150	J	36	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	180		30	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	110	J	8.5	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	160	J	31	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	170		34	42.4	170	ug/Kg
91-20-3	Naphthalene	160	J	33	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	160	J	44	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	160	J	26	42.4	170	ug/Kg
105-60-2	Caprolactam	140	J	40	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	J	36	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	170		19	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	170		37	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	J	19	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	J	50	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	J	49	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-03	SDG No.:	BN052024
Lab Sample ID:	P2409-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN031566.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	160	J	46	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	170		44	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	140	J	22	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	160	J	38	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	J	26	42.4	170	ug/Kg
208-96-8	Acenaphthylene	170		46	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	140	J	14	82.2	330	ug/Kg
83-32-9	Acenaphthene	160	J	50	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	J	32	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	160	J	11	82.2	330	ug/Kg
132-64-9	Dibenzofuran	160	J	40	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	J	13	42.4	170	ug/Kg
84-66-2	Diethylphthalate	160	J	41	42.4	170	ug/Kg
86-73-7	Fluorene	170		58	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160	J	48	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	150	J	16	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	J	39	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	160	J	45	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	170		45	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	J	99	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	160	J	50	42.4	170	ug/Kg
1912-24-9	Atrazine	170	J	11	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	150	J	38	82.2	330	ug/Kg
85-01-8	Phenanthrene	160	J	53	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	180		36	42.4	170	ug/Kg
120-12-7	Anthracene	150	J	47	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	160	J	5.6	42.4	170	ug/Kg
86-74-8	Carbazole	150	J	61	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	150	J	57	42.4	170	ug/Kg
206-44-0	Fluoranthene	180		45	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-03	SDG No.:	BN052024
Lab Sample ID:	P2409-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN031566.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	180		46	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	150	J	43	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	J	25	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	39	42.4	170	ug/Kg
218-01-9	Chrysene	160	J	46	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	J	43	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	140	J	43	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	170		48	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	170		58	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	57	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	45	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	52	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	46	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	J	52	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.29		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	25.141		20-120		63	SPK: -40
4165-62-2	Phenol-d5	25.391		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.93		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.086		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	24.991		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	28.147		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.08		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.328		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.054		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.462		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.902		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.776		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	26.35		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-03	SDG No.:	BN052024
Lab Sample ID:	P2409-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BN031566.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.611		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	24.239		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	28.924		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.845		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	477196	7.693				
1146-65-2	Naphthalene-d8	2127977	10.475				
15067-26-2	Acenaphthene-d10	1369057	14.334				
1517-22-2	Phenanthrene-d10	2821901	17.075				
1719-03-5	Chrysene-d12	2409106	21.304				
1520-96-3	Perylene-d12	2021919	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-03	SDG No.:	BN052024
Lab Sample ID:	P2409-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031567.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1100	J	330	190	1900	ug/Kg
100-52-7	Benzaldehyde	6000	J	1300	2400	9500	ug/Kg
110-86-1	Pyridine	4600	J	200	4700	9500	ug/Kg
108-95-2	Phenol	4500	J	1200	2400	9500	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4600	J	840	2400	9500	ug/Kg
95-57-8	2-Chlorophenol	4600	J	630	1200	4800	ug/Kg
95-48-7	2-Methylphenol	4100	J	1100	2400	9500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4400	J	800	2400	9500	ug/Kg
98-86-2	Acetophenone	4800	J	1600	2400	9500	ug/Kg
106-44-5	4-Methylphenol	4400	J	1200	2400	9500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4500	J	910	1200	4800	ug/Kg
67-72-1	Hexachloroethane	4400	J	390	1200	4800	ug/Kg
98-95-3	Nitrobenzene	4700	J	880	1200	4800	ug/Kg
78-59-1	Isophorone	4400	J	1100	1200	4800	ug/Kg
88-75-5	2-Nitrophenol	5300		1000	1200	4800	ug/Kg
105-67-9	2,4-Dimethylphenol	3000	J	270	1200	4800	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4700	J	880	1200	4800	ug/Kg
120-83-2	2,4-Dichlorophenol	4800		900	1200	4800	ug/Kg
91-20-3	Naphthalene	4700	J	1000	1200	4800	ug/Kg
106-47-8	4-Chloroaniline	4500	J	1200	1200	9500	ug/Kg
87-68-3	Hexachlorobutadiene	4600	J	700	1200	4800	ug/Kg
105-60-2	Caprolactam	4200	J	1400	2400	9500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4400	J	1100	1200	4800	ug/Kg
90-12-0	1-Methylnaphthalene	4800		500	1200	4800	ug/Kg
91-57-6	2-Methylnaphthalene	4800		1100	1200	4800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3300	J	640	2400	9500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4300	J	1500	1200	4800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4500	J	1300	1200	4800	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-03	SDG No.:	BN052024
Lab Sample ID:	P2409-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031567.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4700	J	1300	1200	4800	ug/Kg
91-58-7	2-Chloronaphthalene	4700	J	1300	1200	4800	ug/Kg
88-74-4	2-Nitroaniline	4000	J	420	1200	4800	ug/Kg
131-11-3	Dimethylphthalate	4700	J	1100	1200	4800	ug/Kg
606-20-2	2,6-Dinitrotoluene	4000	J	580	1200	4800	ug/Kg
208-96-8	Acenaphthylene	4700	J	1400	1200	4800	ug/Kg
99-09-2	3-Nitroaniline	4000	J	230	2400	9500	ug/Kg
83-32-9	Acenaphthene	4600	J	1400	1200	4800	ug/Kg
51-28-5	2,4-Dinitrophenol	3800	J	760	2400	9500	ug/Kg
100-02-7	4-Nitrophenol	4700	J	180	2400	9500	ug/Kg
132-64-9	Dibenzofuran	4700	J	1300	1200	4800	ug/Kg
121-14-2	2,4-Dinitrotoluene	4300	J	310	1200	4800	ug/Kg
84-66-2	Diethylphthalate	4500	J	1200	1200	4800	ug/Kg
86-73-7	Fluorene	4700	J	1700	1200	4800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4800		1500	1200	4800	ug/Kg
100-01-6	4-Nitroaniline	4200	J	530	2400	9500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4400	J	1100	2400	9500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4500	J	1400	1200	4800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4700	J	1300	1200	4800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4600	J	2700	1200	4800	ug/Kg
118-74-1	Hexachlorobenzene	4600	J	1400	1200	4800	ug/Kg
1912-24-9	Atrazine	5000	J	270	2400	9500	ug/Kg
87-86-5	Pentachlorophenol	3900	J	1100	2400	9500	ug/Kg
85-01-8	Phenanthrene	4600	J	1600	1200	4800	ug/Kg
608-93-5	Pentachlorobenzene	5000		1000	1200	4800	ug/Kg
120-12-7	Anthracene	4300	J	1500	1200	4800	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4500	J	280	1200	4800	ug/Kg
86-74-8	Carbazole	4400	J	1800	2400	9500	ug/Kg
84-74-2	Di-n-butylphthalate	4100	J	1700	1200	4800	ug/Kg
206-44-0	Fluoranthene	5300		1200	2400	4800	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-03	SDG No.:	BN052024
Lab Sample ID:	P2409-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031567.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5300		1100	1200	4800	ug/Kg
85-68-7	Butylbenzylphthalate	4100	J	1100	1200	4800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3500	J	720	2400	9500	ug/Kg
56-55-3	Benzo(a)anthracene	4400	J	1000	1200	4800	ug/Kg
218-01-9	Chrysene	4600	J	1100	1200	4800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4100	J	1100	1200	4800	ug/Kg
117-84-0	Di-n-octyl phthalate	4000	J	1300	2400	9500	ug/Kg
205-99-2	Benzo(b)fluoranthene	4700	J	1600	1200	4800	ug/Kg
207-08-9	Benzo(k)fluoranthene	4800		1700	1200	4800	ug/Kg
50-32-8	Benzo(a)pyrene	4500	J	1600	1200	4800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3500	J	1500	1200	4800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3600	J	1600	1200	4800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3600	J	1600	1200	4800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4500	J	1500	1200	4800	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.366		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	25.841		20-120		65	SPK: -40
4165-62-2	Phenol-d5	25.734		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.408		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.321		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	24.95		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	28.006		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.245		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.466		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.333		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.994		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.319		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.751		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	26.107		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-03	SDG No.:	BN052024
Lab Sample ID:	P2409-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031567.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.382		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	23.714		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	28.979		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.686		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	465889	7.693				
1146-65-2	Naphthalene-d8	2079081	10.475				
15067-26-2	Acenaphthene-d10	1344610	14.334				
1517-22-2	Phenanthrene-d10	2806210	17.075				
1719-03-5	Chrysene-d12	2372801	21.304				
1520-96-3	Perylene-d12	1951767	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1300	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK896	SDG No.:	BN052024
Lab Sample ID:	PB160896BL	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
BN031568.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160896

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:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK896	SDG No.:	BN052024
Lab Sample ID:	PB160896BL	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
BN031568.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160896

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:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK896	SDG No.:	BN052024
Lab Sample ID:	PB160896BL	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
BN031568.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.95		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	23.946		20-120		60	SPK: -40
4165-62-2	Phenol-d5	24.834		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.029		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.899		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	25.624		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	27.856		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.087		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.319		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.347		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.958		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	27		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.048		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	27.006		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK896	SDG No.:	BN052024
Lab Sample ID:	PB160896BL	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
BN031568.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.146		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	26.999		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	31.85		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.731		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	518063	7.693				
1146-65-2	Naphthalene-d8	2303019	10.475				
15067-26-2	Acenaphthene-d10	1496718	14.328				
1517-22-2	Phenanthrene-d10	3053563	17.075				
1719-03-5	Chrysene-d12	2472032	21.304				
1520-96-3	Perylene-d12	2092155	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK897	SDG No.:	BN052024
Lab Sample ID:	PB160897BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031569.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	340	U	340	190	2000	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2400	9800	ug/Kg
110-86-1	Pyridine	210	U	210	4900	9800	ug/Kg
108-95-2	Phenol	1300	U	1300	2400	9800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	860	U	860	2400	9800	ug/Kg
95-57-8	2-Chlorophenol	650	U	650	1300	4900	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	2400	9800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	820	U	820	2400	9800	ug/Kg
98-86-2	Acetophenone	1700	U	1700	2400	9800	ug/Kg
106-44-5	4-Methylphenol	1300	U	1300	2400	9800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	940	U	940	1300	4900	ug/Kg
67-72-1	Hexachloroethane	400	U	400	1300	4900	ug/Kg
98-95-3	Nitrobenzene	900	U	900	1300	4900	ug/Kg
78-59-1	Isophorone	1200	U	1200	1300	4900	ug/Kg
88-75-5	2-Nitrophenol	1100	U	1100	1300	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	270	U	270	1300	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	900	U	900	1300	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	920	U	920	1300	4900	ug/Kg
91-20-3	Naphthalene	1100	U	1100	1300	4900	ug/Kg
106-47-8	4-Chloroaniline	1300	U	1300	1300	9800	ug/Kg
87-68-3	Hexachlorobutadiene	720	U	720	1300	4900	ug/Kg
105-60-2	Caprolactam	1500	U	1500	2400	9800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200	U	1200	1300	4900	ug/Kg
90-12-0	1-Methylnaphthalene	510	U	510	1300	4900	ug/Kg
91-57-6	2-Methylnaphthalene	1200	U	1200	1300	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	660	U	660	2400	9800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600	U	1600	1300	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400	U	1400	1300	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK897	SDG No.:	BN052024
Lab Sample ID:	PB160897BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031569.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400	U	1400	1300	4900	ug/Kg
91-58-7	2-Chloronaphthalene	1400	U	1400	1300	4900	ug/Kg
88-74-4	2-Nitroaniline	430	U	430	1300	4900	ug/Kg
131-11-3	Dimethylphthalate	1200	U	1200	1300	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	600	U	600	1300	4900	ug/Kg
208-96-8	Acenaphthylene	1500	U	1500	1300	4900	ug/Kg
99-09-2	3-Nitroaniline	240	U	240	2400	9800	ug/Kg
83-32-9	Acenaphthene	1500	U	1500	1300	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	780	U	780	2400	9800	ug/Kg
100-02-7	4-Nitrophenol	190	U	190	2400	9800	ug/Kg
132-64-9	Dibenzofuran	1400	U	1400	1300	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	320	U	320	1300	4900	ug/Kg
84-66-2	Diethylphthalate	1300	U	1300	1300	4900	ug/Kg
86-73-7	Fluorene	1800	U	1800	1300	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600	U	1600	1300	4900	ug/Kg
100-01-6	4-Nitroaniline	550	U	550	2400	9800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	2400	9800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1300	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	1300	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2700	U	2700	1300	4900	ug/Kg
118-74-1	Hexachlorobenzene	1500	U	1500	1300	4900	ug/Kg
1912-24-9	Atrazine	270	U	270	2400	9800	ug/Kg
87-86-5	Pentachlorophenol	1200	U	1200	2400	9800	ug/Kg
85-01-8	Phenanthrene	1700	U	1700	1300	4900	ug/Kg
608-93-5	Pentachlorobenzene	1100	U	1100	1300	4900	ug/Kg
120-12-7	Anthracene	1600	U	1600	1300	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	280	U	280	1300	4900	ug/Kg
86-74-8	Carbazole	1900	U	1900	2400	9800	ug/Kg
84-74-2	Di-n-butylphthalate	1800	U	1800	1300	4900	ug/Kg
206-44-0	Fluoranthene	1300	U	1300	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK897	SDG No.:	BN052024
Lab Sample ID:	PB160897BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031569.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200	U	1200	1300	4900	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1300	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	750	U	750	2400	9800	ug/Kg
56-55-3	Benzo(a)anthracene	1100	U	1100	1300	4900	ug/Kg
218-01-9	Chrysene	1200	U	1200	1300	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200	U	1200	1300	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	1400	U	1400	2400	9800	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700	U	1700	1300	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800	U	1800	1300	4900	ug/Kg
50-32-8	Benzo(a)pyrene	1700	U	1700	1300	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600	U	1600	1300	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700	U	1700	1300	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700	U	1700	1300	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600	U	1600	1300	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.222		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	24.968		20-120		62	SPK: -40
4165-62-2	Phenol-d5	25.963		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.826		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.044		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	26.87		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	28.864		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.179		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.125		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.302		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.944		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.619		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.663		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	27.254		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK897	SDG No.:	BN052024
Lab Sample ID:	PB160897BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031569.D	1	5/13/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.883		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	27.676		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	37.073		10-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.418		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	535331	7.693				
1146-65-2	Naphthalene-d8	2411492	10.475				
15067-26-2	Acenaphthene-d10	1567263	14.328				
1517-22-2	Phenanthrene-d10	3129816	17.075				
1719-03-5	Chrysene-d12	2071417	21.304				
1520-96-3	Perylene-d12	1848100	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1400	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SBLK987	SDG No.:	BN052024
Lab Sample ID:	PB160987BL	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
BN031571.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

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:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SBLK987	SDG No.:	BN052024
Lab Sample ID:	PB160987BL	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
BN031571.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

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:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SBLK987	SDG No.:	BN052024
Lab Sample ID:	PB160987BL	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
BN031571.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.945		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	25.293		20-120		63	SPK: -40
4165-62-2	Phenol-d5	25.24		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.836		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.277		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	26.206		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	27.594		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.472		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.053		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.548		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.667		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	27.49		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.243		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	27.734		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SBLK987	SDG No.:	BN052024
Lab Sample ID:	PB160987BL	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
BN031571.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.888		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	28.975		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	35.328		10-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.404		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	476103	7.693				
1146-65-2	Naphthalene-d8	2163969	10.475				
15067-26-2	Acenaphthene-d10	1389928	14.328				
1517-22-2	Phenanthrene-d10	2851609	17.075				
1719-03-5	Chrysene-d12	2246530	21.298				
1520-96-3	Perylene-d12	1879955	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9Q4	SDG No.:	BN052024
Lab Sample ID:	P2484-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25
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
BN031572.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

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
100-52-7	Benzaldehyde	64	U	64	110	440	ug/Kg
110-86-1	Pyridine	16	U	16	220	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	54	U	54	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	58	U	58	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	25	U	25	56.5	230	ug/Kg
91-57-6	2-Methylnaphthalene	49	U	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:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9Q4	SDG No.:	BN052024
Lab Sample ID:	P2484-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25
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
BN031572.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

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	58	U	58	56.5	230	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	56.5	230	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	56.5	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	35	U	35	56.5	230	ug/Kg
208-96-8	Acenaphthylene	61	U	61	56.5	230	ug/Kg
99-09-2	3-Nitroaniline	19	U	19	110	440	ug/Kg
83-32-9	Acenaphthene	66	U	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	53	U	53	56.5	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	17	U	17	56.5	230	ug/Kg
84-66-2	Diethylphthalate	54	U	54	56.5	230	ug/Kg
86-73-7	Fluorene	77	U	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	50	U	50	110	440	ug/Kg
85-01-8	Phenanthrene	70	U	70	56.5	230	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	56.5	230	ug/Kg
120-12-7	Anthracene	62	U	62	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	60	U	60	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9Q4	SDG No.:	BN052024
Lab Sample ID:	P2484-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25
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
BN031572.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	61	U	61	56.5	230	ug/Kg
85-68-7	Butylbenzylphthalate	120	J	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	52	U	52	56.5	230	ug/Kg
218-01-9	Chrysene	61	U	61	56.5	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57	J	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	64	U	64	56.5	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	77	U	77	56.5	230	ug/Kg
50-32-8	Benzo(a)pyrene	76	U	76	56.5	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	60	U	60	56.5	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	69	U	69	56.5	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61	U	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	5.536		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	19.429		20-120		49	SPK: -40
4165-62-2	Phenol-d5	36.082		10-130		90	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.551		10-150		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	38.569		15-120		96	SPK: -40
190780-66-6	4-Methylphenol-d8	35.386		10-140		88	SPK: -40
4165-60-0	Nitrobenzene-d5	38.507		10-135		96	SPK: -40
93951-78-1	2-Nitrophenol-d4	45.871		10-120		115	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.287		10-140		98	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.845		1-145		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.671		10-145		94	SPK: -40
93951-97-4	Acenaphthylene-d8	37.085		15-120		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.753		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	35.112		20-140		88	SPK: -40

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9Q4	SDG No.:	BN052024
Lab Sample ID:	P2484-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25
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
BN031572.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.501		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	37.827		10-150		95	SPK: -40
1718-52-1	Pyrene-d10	46.117		10-130		115	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.769		10-140		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	565807	7.693				
1146-65-2	Naphthalene-d8	2475359	10.475				
15067-26-2	Acenaphthene-d10	1482855	14.328				
1517-22-2	Phenanthrene-d10	2507150	17.075				
1719-03-5	Chrysene-d12	1562208	21.298				
1520-96-3	Perylene-d12	1756642	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	89	J			3.464	
	unknown-01	96	J			3.711	
000090-04-0	Benzenamine, 2-methoxy-	430	J			10.193	
000700-87-8	Benzene, 1-isocyanato-2-methoxy-	220	J			10.669	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.216	
027799-91-3	1H-Benzotriazole, 5-methoxy-	140	J			16.245	
	unknown-02	270	J			16.293	
000057-10-3	n-Hexadecanoic acid	240	J			17.981	
000057-11-4	Octadecanoic acid	130	J			19.263	
1000406-04-8	Pentadecafluorooctanoic acid, octa	130	J			20.998	
E966796	Total Alkanes	61	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9Q3	SDG No.:	BN052024
Lab Sample ID:	P2484-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
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
BN031573.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.4	75	ug/Kg
100-52-7	Benzaldehyde	54	U	54	93	370	ug/Kg
110-86-1	Pyridine	14	U	14	190	370	ug/Kg
108-95-2	Phenol	51	U	51	93	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	93	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	47.9	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	93	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	93	370	ug/Kg
98-86-2	Acetophenone	67	U	67	93	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	93	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	47.9	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	47.9	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	47.9	190	ug/Kg
78-59-1	Isophorone	41	U	41	47.9	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	47.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.6	U	9.6	47.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	47.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	47.9	190	ug/Kg
91-20-3	Naphthalene	37	U	37	47.9	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	47.9	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	47.9	190	ug/Kg
105-60-2	Caprolactam	45	U	45	93	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	47.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	47.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	47.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	93	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	47.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	47.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9Q3	SDG No.:	BN052024
Lab Sample ID:	P2484-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
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
BN031573.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	47.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	47.9	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.9	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	47.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	47.9	190	ug/Kg
208-96-8	Acenaphthylene	52	U	52	47.9	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	93	370	ug/Kg
83-32-9	Acenaphthene	56	U	56	47.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	93	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	93	370	ug/Kg
132-64-9	Dibenzofuran	45	U	45	47.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	47.9	190	ug/Kg
84-66-2	Diethylphthalate	46	U	46	47.9	190	ug/Kg
86-73-7	Fluorene	65	U	65	47.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	47.9	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	93	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	93	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	47.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	47.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	47.9	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.9	190	ug/Kg
1912-24-9	Atrazine	12	U	12	93	370	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	93	370	ug/Kg
85-01-8	Phenanthrene	60	U	60	47.9	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.9	190	ug/Kg
120-12-7	Anthracene	53	U	53	47.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.3	U	6.3	47.9	190	ug/Kg
86-74-8	Carbazole	69	U	69	93	370	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	47.9	190	ug/Kg
206-44-0	Fluoranthene	51	U	51	93	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9Q3	SDG No.:	BN052024
Lab Sample ID:	P2484-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
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
BN031573.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	47.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	47.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	93	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	47.9	190	ug/Kg
218-01-9	Chrysene	52	U	52	47.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	47.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	93	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	47.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	65	U	65	47.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	64	U	64	47.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	51	47.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	47.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	47.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	47.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.62		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	21.782		20-120		54	SPK: -40
4165-62-2	Phenol-d5	25.985		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.454		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.957		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	26.738		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	29.267		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.784		10-120		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.714		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.926		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.221		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	26.974		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.728		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	25.841		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9Q3	SDG No.:	BN052024
Lab Sample ID:	P2484-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.3
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
BN031573.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.876		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	27.13		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	35.917		10-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.533		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	553249	7.693				
1146-65-2	Naphthalene-d8	2396416	10.475				
15067-26-2	Acenaphthene-d10	1419671	14.334				
1517-22-2	Phenanthrene-d10	2493536	17.075				
1719-03-5	Chrysene-d12	1456346	21.304				
1520-96-3	Perylene-d12	1602049	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	110	J			17.98	
000057-11-4	Octadecanoic acid	80	J			19.263	
E966796	Total Alkanes	52	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9X8	SDG No.:	BN052024
Lab Sample ID:	P2484-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.2
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
BN031574.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

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	91.6	370	ug/Kg
110-86-1	Pyridine	13	U	13	180	370	ug/Kg
108-95-2	Phenol	50	U	50	91.6	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	91.6	370	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	47.2	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91.6	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	91.6	370	ug/Kg
98-86-2	Acetophenone	65	J	65	91.6	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	91.6	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	41	U	41	47.2	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	47.2	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	47.2	190	ug/Kg
78-59-1	Isophorone	40	U	40	47.2	190	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	47.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.4	U	9.4	47.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	34	U	34	47.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	47.2	190	ug/Kg
91-20-3	Naphthalene	37	U	37	47.2	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	47.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	47.2	190	ug/Kg
105-60-2	Caprolactam	44	U	44	91.6	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40	U	40	47.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	47.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	47.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	91.6	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	47.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9X8	SDG No.:	BN052024
Lab Sample ID:	P2484-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.2
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
BN031574.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	47.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	47.2	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	47.2	190	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	47.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	47.2	190	ug/Kg
208-96-8	Acenaphthylene	51	U	51	47.2	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	91.6	370	ug/Kg
83-32-9	Acenaphthene	55	U	55	47.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	91.6	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	91.6	370	ug/Kg
132-64-9	Dibenzofuran	44	U	44	47.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	47.2	190	ug/Kg
84-66-2	Diethylphthalate	46	U	46	47.2	190	ug/Kg
86-73-7	Fluorene	64	U	64	47.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	47.2	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	91.6	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	91.6	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	47.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	47.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	47.2	190	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	47.2	190	ug/Kg
1912-24-9	Atrazine	12	U	12	91.6	370	ug/Kg
87-86-5	Pentachlorophenol	42	U	42	91.6	370	ug/Kg
85-01-8	Phenanthrene	59	U	59	47.2	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	47.2	190	ug/Kg
120-12-7	Anthracene	52	U	52	47.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.2	U	6.2	47.2	190	ug/Kg
86-74-8	Carbazole	68	U	68	91.6	370	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	47.2	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	91.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9X8	SDG No.:	BN052024
Lab Sample ID:	P2484-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.2
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
BN031574.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	47.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	47.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	91.6	370	ug/Kg
56-55-3	Benzo(a)anthracene	43	U	43	47.2	190	ug/Kg
218-01-9	Chrysene	51	U	51	47.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	47.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	91.6	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	47.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	64	U	64	47.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	63	U	63	47.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	47.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	47.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	47.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	47.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.103		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	10.9		20-120		27	SPK: -40
4165-62-2	Phenol-d5	24.407		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.303		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.699		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	17.335		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	28.337		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.622		10-120		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.779		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.584		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.098		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	26.929		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.433		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	25.733		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9X8	SDG No.:	BN052024
Lab Sample ID:	P2484-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.2
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
BN031574.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.852		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	26.865		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	39.552		10-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.113		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	553221	7.699				
1146-65-2	Naphthalene-d8	2443596	10.481				
15067-26-2	Acenaphthene-d10	1497955	14.334				
1517-22-2	Phenanthrene-d10	2889882	17.075				
1719-03-5	Chrysene-d12	1682154	21.304				
1520-96-3	Perylene-d12	1681239	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	100	J			11.216	
000057-10-3	n-Hexadecanoic acid	230	J			17.98	
000057-11-4	Octadecanoic acid	150	J			19.263	
002004-39-9	1-Heptacosanol	120	J			20.998	
E966796	Total Alkanes	51	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9P9	SDG No.:	BN052024
Lab Sample ID:	P2484-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BN031575.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.5	76	ug/Kg
100-52-7	Benzaldehyde	54	U	54	93.5	370	ug/Kg
110-86-1	Pyridine	14	U	14	190	370	ug/Kg
108-95-2	Phenol	51	U	51	93.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	93.5	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.2	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	93.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	93.5	370	ug/Kg
98-86-2	Acetophenone	67	U	67	93.5	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	93.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48.2	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.2	190	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.2	190	ug/Kg
78-59-1	Isophorone	41	U	41	48.2	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.6	U	9.6	48.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	48.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.2	190	ug/Kg
91-20-3	Naphthalene	37	U	37	48.2	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	48.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	48.2	190	ug/Kg
105-60-2	Caprolactam	45	U	45	93.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	93.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9P9	SDG No.:	BN052024
Lab Sample ID:	P2484-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BN031575.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	48.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48.2	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.2	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	48.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	48.2	190	ug/Kg
208-96-8	Acenaphthylene	52	U	52	48.2	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	93.5	370	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	93.5	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	93.5	370	ug/Kg
132-64-9	Dibenzofuran	45	U	45	48.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.2	190	ug/Kg
84-66-2	Diethylphthalate	46	U	46	48.2	190	ug/Kg
86-73-7	Fluorene	66	U	66	48.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	48.2	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	93.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	93.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	48.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	48.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.2	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.2	190	ug/Kg
1912-24-9	Atrazine	12	U	12	93.5	370	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	93.5	370	ug/Kg
85-01-8	Phenanthrene	60	U	60	48.2	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.2	190	ug/Kg
120-12-7	Anthracene	53	U	53	48.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.3	U	6.3	48.2	190	ug/Kg
86-74-8	Carbazole	69	U	69	93.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.2	190	ug/Kg
206-44-0	Fluoranthene	51	U	51	93.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9P9	SDG No.:	BN052024
Lab Sample ID:	P2484-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BN031575.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	93.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	48.2	190	ug/Kg
218-01-9	Chrysene	52	U	52	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	93.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	66	U	66	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	65	U	65	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	51	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.304		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	16.797		20-120		42	SPK: -40
4165-62-2	Phenol-d5	21.219		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.42		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.377		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	22.32		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	24.142		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.208		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.297		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.735		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.581		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	23.644		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.188		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	22.724		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9P9	SDG No.:	BN052024
Lab Sample ID:	P2484-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BN031575.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.296		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	23.462		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	32.818		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.031		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	559217	7.698				
1146-65-2	Naphthalene-d8	2427184	10.481				
15067-26-2	Acenaphthene-d10	1503332	14.333				
1517-22-2	Phenanthrene-d10	2826470	17.074				
1719-03-5	Chrysene-d12	1661561	21.304				
1520-96-3	Perylene-d12	1704558	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	210	J			17.98	
000057-11-4	Octadecanoic acid	90	J			19.262	
	(DEL) Alkane: Straight-Chain	20.998	J			20.998	
E966796	Total Alkanes	160				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9S2	SDG No.:	BN052024
Lab Sample ID:	P2484-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031576.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

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	91.1	360	ug/Kg
110-86-1	Pyridine	13	U	13	180	360	ug/Kg
108-95-2	Phenol	50	U	50	91.1	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	91.1	360	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	46.9	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91.1	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	91.1	360	ug/Kg
98-86-2	Acetophenone	65	U	65	91.1	360	ug/Kg
106-44-5	4-Methylphenol	45	U	45	91.1	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	38	U	38	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	91.1	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	91.1	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:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9S2	SDG No.:	BN052024
Lab Sample ID:	P2484-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031576.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

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	51	U	51	46.9	190	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	91.1	360	ug/Kg
83-32-9	Acenaphthene	55	U	55	46.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	35	U	35	91.1	360	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	91.1	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	91.1	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	91.1	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	91.1	360	ug/Kg
87-86-5	Pentachlorophenol	42	U	42	91.1	360	ug/Kg
85-01-8	Phenanthrene	58	U	58	46.9	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	46.9	190	ug/Kg
120-12-7	Anthracene	52	U	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	91.1	360	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	46.9	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	91.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9S2	SDG No.:	BN052024
Lab Sample ID:	P2484-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031576.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	46.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	47	U	47	46.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	91.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	43	U	43	46.9	190	ug/Kg
218-01-9	Chrysene	51	U	51	46.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	47	U	47	46.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	47	U	47	91.1	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	46.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	64	U	64	46.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	63	U	63	46.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	46.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	U	57	46.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	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	3.674		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	15.99		20-120		40	SPK: -40
4165-62-2	Phenol-d5	22.943		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.573		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.737		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	24.81		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	26.407		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.501		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.882		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.294		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.512		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.81		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.241		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	24.396		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9S2	SDG No.:	BN052024
Lab Sample ID:	P2484-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031576.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.162		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	26.508		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	36.841		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.814		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	558408	7.699				
1146-65-2	Naphthalene-d8	2451247	10.481				
15067-26-2	Acenaphthene-d10	1544771	14.334				
1517-22-2	Phenanthrene-d10	2871388	17.075				
1719-03-5	Chrysene-d12	1712641	21.304				
1520-96-3	Perylene-d12	1690931	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	87	J			17.981	
002004-39-9	1-Heptacosanol	120	J			20.998	
E966796	Total Alkanes	51	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9S3	SDG No.:	BN052024
Lab Sample ID:	P2484-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
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
BN031577.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8	80	ug/Kg
100-52-7	Benzaldehyde	58	U	58	99.4	400	ug/Kg
110-86-1	Pyridine	14	U	14	200	400	ug/Kg
108-95-2	Phenol	54	U	54	99.4	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99.4	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.2	200	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.4	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99.4	400	ug/Kg
98-86-2	Acetophenone	71	U	71	99.4	400	ug/Kg
106-44-5	4-Methylphenol	49	U	49	99.4	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.2	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.2	200	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.2	200	ug/Kg
78-59-1	Isophorone	43	U	43	51.2	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	51.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.2	200	ug/Kg
91-20-3	Naphthalene	40	U	40	51.2	200	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.2	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51.2	200	ug/Kg
105-60-2	Caprolactam	48	U	48	99.4	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	51.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99.4	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	51.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9S3	SDG No.:	BN052024
Lab Sample ID:	P2484-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
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
BN031577.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	51.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.2	200	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.2	200	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51.2	200	ug/Kg
208-96-8	Acenaphthylene	55	U	55	51.2	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99.4	400	ug/Kg
83-32-9	Acenaphthene	60	U	60	51.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	99.4	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99.4	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	51.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.2	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	51.2	200	ug/Kg
86-73-7	Fluorene	70	U	70	51.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.2	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99.4	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99.4	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.2	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.2	200	ug/Kg
1912-24-9	Atrazine	13	U	13	99.4	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	99.4	400	ug/Kg
85-01-8	Phenanthrene	64	U	64	51.2	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	51.2	200	ug/Kg
120-12-7	Anthracene	57	U	57	51.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.7	U	6.7	51.2	200	ug/Kg
86-74-8	Carbazole	74	U	74	99.4	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.2	200	ug/Kg
206-44-0	Fluoranthene	54	U	54	99.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9S3	SDG No.:	BN052024
Lab Sample ID:	P2484-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
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
BN031577.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	51.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99.4	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.2	200	ug/Kg
218-01-9	Chrysene	55	U	55	51.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99.4	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	51.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	70	U	70	51.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	69	U	69	51.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	51.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	51.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.603		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	16.687		20-120		42	SPK: -40
4165-62-2	Phenol-d5	21.767		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.446		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.441		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	22.743		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	24.969		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.882		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.528		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.104		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.068		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	24.455		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.296		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	22.865		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9S3	SDG No.:	BN052024
Lab Sample ID:	P2484-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
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
BN031577.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.97		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	24.931		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	29.979		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.78		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	554858	7.699				
1146-65-2	Naphthalene-d8	2393159	10.481				
15067-26-2	Acenaphthene-d10	1372727	14.334				
1517-22-2	Phenanthrene-d10	2304704	17.075				
1719-03-5	Chrysene-d12	1659059	21.304				
1520-96-3	Perylene-d12	1928843	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic	20.998				20.998	
E966796	Total Alkanes	90	J			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9T2	SDG No.:	BN052024
Lab Sample ID:	P2484-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031578.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

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	94.4	380	ug/Kg
110-86-1	Pyridine	14	U	14	190	380	ug/Kg
108-95-2	Phenol	51	U	51	94.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	94.4	380	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	48.6	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	94.4	380	ug/Kg
98-86-2	Acetophenone	68	U	68	94.4	380	ug/Kg
106-44-5	4-Methylphenol	47	U	47	94.4	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	42	U	42	48.6	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	48.6	190	ug/Kg
98-95-3	Nitrobenzene	31	U	31	48.6	190	ug/Kg
78-59-1	Isophorone	41	U	41	48.6	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	48.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.7	U	9.7	48.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	48.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	48.6	190	ug/Kg
91-20-3	Naphthalene	38	U	38	48.6	190	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	48.6	380	ug/Kg
87-68-3	Hexachlorobutadiene	30	U	30	48.6	190	ug/Kg
105-60-2	Caprolactam	46	U	46	94.4	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	48.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	22	U	22	48.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	22	U	22	94.4	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	48.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	48.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9T2	SDG No.:	BN052024
Lab Sample ID:	P2484-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031578.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	48.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	48.6	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.6	190	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	48.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	30	U	30	48.6	190	ug/Kg
208-96-8	Acenaphthylene	53	U	53	48.6	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	94.4	380	ug/Kg
83-32-9	Acenaphthene	57	U	57	48.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	37	U	37	94.4	380	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	94.4	380	ug/Kg
132-64-9	Dibenzofuran	46	U	46	48.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	48.6	190	ug/Kg
84-66-2	Diethylphthalate	47	U	47	48.6	190	ug/Kg
86-73-7	Fluorene	66	U	66	48.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	48.6	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	94.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	94.4	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	48.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	48.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	48.6	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.6	190	ug/Kg
1912-24-9	Atrazine	13	U	13	94.4	380	ug/Kg
87-86-5	Pentachlorophenol	43	U	43	94.4	380	ug/Kg
85-01-8	Phenanthrene	61	U	61	48.6	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	48.6	190	ug/Kg
120-12-7	Anthracene	54	U	54	48.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.4	U	6.4	48.6	190	ug/Kg
86-74-8	Carbazole	70	U	70	94.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	48.6	190	ug/Kg
206-44-0	Fluoranthene	51	U	51	94.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9T2	SDG No.:	BN052024
Lab Sample ID:	P2484-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031578.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	48.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	49	U	49	48.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	94.4	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	48.6	190	ug/Kg
218-01-9	Chrysene	53	U	53	48.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	48.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	94.4	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	U	55	48.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	66	U	66	48.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	65	U	65	48.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	51	48.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	48.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	48.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	48.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.043		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	30.249		20-120		76	SPK: -40
4165-62-2	Phenol-d5	38.051		10-130		95	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.949		10-150		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	42.085		15-120		105	SPK: -40
190780-66-6	4-Methylphenol-d8	40.392		10-140		101	SPK: -40
4165-60-0	Nitrobenzene-d5	44.113		10-135		110	SPK: -40
93951-78-1	2-Nitrophenol-d4	55.819	*	10-120		140	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	43.735		10-140		109	SPK: -40
191656-33-4	4-Chloroaniline-d4	38.101		1-145		95	SPK: -40
85448-30-2	Dimethylphthalate-d6	42.795		10-145		107	SPK: -40
93951-97-4	Acenaphthylene-d8	42.183		15-120		105	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.18		10-150		90	SPK: -40
81103-79-9	Fluorene-d10	39.502		20-140		99	SPK: -40

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9T2	SDG No.:	BN052024
Lab Sample ID:	P2484-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031578.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.705		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	41.197		10-150		103	SPK: -40
1718-52-1	Pyrene-d10	55.185	*	10-130		138	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.928		10-140		110	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	528452	7.699				
1146-65-2	Naphthalene-d8	2310669	10.475				
15067-26-2	Acenaphthene-d10	1416433	14.334				
1517-22-2	Phenanthrene-d10	2673019	17.075				
1719-03-5	Chrysene-d12	1571753	21.304				
1520-96-3	Perylene-d12	1603759	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	140	J			3.464	
000770-35-4	1-Phenoxypropan-2-ol	100	J			11.216	
000057-10-3	n-Hexadecanoic acid	460	J			17.987	
000057-11-4	Octadecanoic acid	410	J			19.263	
002004-39-9	1-Heptacosanol	170	J			20.998	
007683-64-9	Supraene	150	J			22.875	
E966796	Total Alkanes	53	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9T3	SDG No.:	BN052024
Lab Sample ID:	P2484-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031579.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

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

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9T3	SDG No.:	BN052024
Lab Sample ID:	P2484-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031579.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

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

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9T3	SDG No.:	BN052024
Lab Sample ID:	P2484-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031579.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	49.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	96.9	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	49.9	200	ug/Kg
218-01-9	Chrysene	54	U	54	49.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	49.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	96.9	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	56	U	56	49.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	49.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	67	U	67	49.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	49.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	49.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	49.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	61	U	61	49.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.212		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	18.852		20-120		47	SPK: -40
4165-62-2	Phenol-d5	32.256		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.841		10-150		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.728		15-120		92	SPK: -40
190780-66-6	4-Methylphenol-d8	34.748		10-140		87	SPK: -40
4165-60-0	Nitrobenzene-d5	38.688		10-135		97	SPK: -40
93951-78-1	2-Nitrophenol-d4	49.472	*	10-120		124	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.491		10-140		94	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.38		1-145		83	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.751		10-145		97	SPK: -40
93951-97-4	Acenaphthylene-d8	37.695		15-120		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.737		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	36.134		20-140		90	SPK: -40

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9T3	SDG No.:	BN052024
Lab Sample ID:	P2484-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031579.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.816		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	37.57		10-150		94	SPK: -40
1718-52-1	Pyrene-d10	51.334		10-130		128	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.376		10-140		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	542489	7.699				
1146-65-2	Naphthalene-d8	2391686	10.481				
15067-26-2	Acenaphthene-d10	1459896	14.334				
1517-22-2	Phenanthrene-d10	2821461	17.075				
1719-03-5	Chrysene-d12	1721889	21.298				
1520-96-3	Perylene-d12	1713211	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	85	J			11.222	
000057-10-3	n-Hexadecanoic acid	140	J			17.98	
000057-11-4	Octadecanoic acid	99	J			19.263	
015594-90-8	1-Heneicosanol	150	J			20.992	
E966796	Total Alkanes	54	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9P8	SDG No.:	BN052024
Lab Sample ID:	P2484-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031580.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

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

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9P8	SDG No.:	BN052024
Lab Sample ID:	P2484-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031580.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

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

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9P8	SDG No.:	BN052024
Lab Sample ID:	P2484-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031580.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	47.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	47.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	91.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	43	U	43	47.1	190	ug/Kg
218-01-9	Chrysene	51	U	51	47.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	47.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	91.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	47.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	64	U	64	47.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	63	U	63	47.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	47.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	47.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	47.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	47.1	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.096		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	12.322		20-120		31	SPK: -40
4165-62-2	Phenol-d5	24.409		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.761		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.409		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	21.253		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	27.35		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.92		10-120		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.791		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.164		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.5		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.273		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.036		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	24.918		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	BH9P8	SDG No.:	BN052024
Lab Sample ID:	P2484-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031580.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.873		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	25.94		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	38.184		10-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.659		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	561660	7.698				
1146-65-2	Naphthalene-d8	2473514	10.481				
15067-26-2	Acenaphthene-d10	1551687	14.333				
1517-22-2	Phenanthrene-d10	2997917	17.074				
1719-03-5	Chrysene-d12	1828731	21.298				
1520-96-3	Perylene-d12	1713050	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	250	J			17.98	
000057-11-4	Octadecanoic acid	140	J			19.263	
015594-90-8	1-Heneicosanol	190	J			20.998	
E966796	Total Alkanes	51	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9Q2	SDG No.:	BN052024
Lab Sample ID:	P2484-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031581.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

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	99.9	400	ug/Kg
110-86-1	Pyridine	15	U	15	200	400	ug/Kg
108-95-2	Phenol	54	U	54	99.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	99.9	400	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	51.5	210	ug/Kg
95-48-7	2-Methylphenol	47	U	47	99.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	99.9	400	ug/Kg
98-86-2	Acetophenone	71	U	71	99.9	400	ug/Kg
106-44-5	4-Methylphenol	50	U	50	99.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	45	U	45	51.5	210	ug/Kg
67-72-1	Hexachloroethane	19	U	19	51.5	210	ug/Kg
98-95-3	Nitrobenzene	33	U	33	51.5	210	ug/Kg
78-59-1	Isophorone	44	U	44	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	51.5	210	ug/Kg
91-20-3	Naphthalene	40	U	40	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	51.5	210	ug/Kg
105-60-2	Caprolactam	48	U	48	99.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	99.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	51.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9Q2	SDG No.:	BN052024
Lab Sample ID:	P2484-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031581.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	51.5	210	ug/Kg
208-96-8	Acenaphthylene	56	U	56	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	99.9	400	ug/Kg
83-32-9	Acenaphthene	61	U	61	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	39	U	39	99.9	400	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	99.9	400	ug/Kg
132-64-9	Dibenzofuran	48	U	48	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	16	U	16	51.5	210	ug/Kg
84-66-2	Diethylphthalate	50	U	50	51.5	210	ug/Kg
86-73-7	Fluorene	70	U	70	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	99.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	99.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.5	210	ug/Kg
1912-24-9	Atrazine	13	U	13	99.9	400	ug/Kg
87-86-5	Pentachlorophenol	46	U	46	99.9	400	ug/Kg
85-01-8	Phenanthrene	64	U	64	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51.5	210	ug/Kg
120-12-7	Anthracene	57	U	57	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.8	U	6.8	51.5	210	ug/Kg
86-74-8	Carbazole	74	U	74	99.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	69	U	69	51.5	210	ug/Kg
206-44-0	Fluoranthene	54	U	54	99.9	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9Q2	SDG No.:	BN052024
Lab Sample ID:	P2484-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031581.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	52	U	52	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	99.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.5	210	ug/Kg
218-01-9	Chrysene	56	U	56	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	99.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	U	58	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	70	U	70	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	69	U	69	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.579		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	15.027		20-120		38	SPK: -40
4165-62-2	Phenol-d5	27.181		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.398		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.736		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	29.197		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	30.805		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.315		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.208		10-140		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.947		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.405		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	30.734		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.828		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	29.861		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9Q2	SDG No.:	BN052024
Lab Sample ID:	P2484-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031581.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.305		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	30.653		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	42.391		10-130		106	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.356		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	530450	7.698				
1146-65-2	Naphthalene-d8	2350279	10.481				
15067-26-2	Acenaphthene-d10	1456716	14.333				
1517-22-2	Phenanthrene-d10	2884176	17.074				
1719-03-5	Chrysene-d12	1785655	21.304				
1520-96-3	Perylene-d12	1716897	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	150	J			3.463	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	95	J			7.293	
000770-35-4	1-Phenoxypropan-2-ol	230	J			11.216	
	(DEL) Alkane: Straight-Chain	94	J			20.527	
1000406-04-8	Pentadecafluorooctanoic acid, octa	210	J			20.998	
000111-02-4	Squalene	140	J			22.874	
E966796	Total Alkanes	94				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9S4	SDG No.:	BN052024
Lab Sample ID:	P2484-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
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
BN031582.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

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

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9S4	SDG No.:	BN052024
Lab Sample ID:	P2484-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
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
BN031582.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

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

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9S4	SDG No.:	BN052024
Lab Sample ID:	P2484-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
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
BN031582.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	95.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49	200	ug/Kg
218-01-9	Chrysene	53	U	53	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	95.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	U	55	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	67	U	67	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	66	U	66	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52	U	52	49	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	U	60	49	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	49	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	49	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.14		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	22.243		20-120		56	SPK: -40
4165-62-2	Phenol-d5	30.613		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.34		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.762		15-120		84	SPK: -40
190780-66-6	4-Methylphenol-d8	32.797		10-140		82	SPK: -40
4165-60-0	Nitrobenzene-d5	35.738		10-135		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.509		10-120		109	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.334		10-140		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.064		1-145		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.443		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	34.119		15-120		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.688		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	32.558		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9S4	SDG No.:	BN052024
Lab Sample ID:	P2484-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.6
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
BN031582.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.546		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	32.944		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	46.292		10-130		116	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.056		10-140		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	533610	7.699				
1146-65-2	Naphthalene-d8	2352647	10.481				
15067-26-2	Acenaphthene-d10	1442570	14.334				
1517-22-2	Phenanthrene-d10	2824803	17.075				
1719-03-5	Chrysene-d12	1649956	21.298				
1520-96-3	Perylene-d12	1584509	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	140	J			3.464	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.222	
000057-10-3	n-Hexadecanoic acid	160	J			17.98	
959261-23-5	Heptafluorobutyric acid, pentadecy	170	J			20.992	
E966796	Total Alkanes	53	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SLCS987	SDG No.:	BN052024
Lab Sample ID:	PB160987BS	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
BN031583.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	390		12	6.6	67	ug/Kg
110-86-1	Pyridine	940		12	170	330	ug/Kg
100-52-7	Benzaldehyde	1300		48	82.5	330	ug/Kg
108-95-2	Phenol	1100		45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	990		35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1100		22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1100		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	910		29	82.5	330	ug/Kg
98-86-2	Acetophenone	1000		59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1100		41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000		37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1000		16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1000		27	42.5	170	ug/Kg
78-59-1	Isophorone	1100		36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1500		30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1000		31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		34	42.5	170	ug/Kg
91-20-3	Naphthalene	980		33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	940		44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1000		26	42.5	170	ug/Kg
105-60-2	Caprolactam	1200		40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1000		19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1000		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	880		19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SLCS987	SDG No.:	BN052024
Lab Sample ID:	PB160987BS	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
BN031583.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1000		46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1000		44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1200		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1000		38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	990		46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1300		14	82.5	330	ug/Kg
83-32-9	Acenaphthene	960		50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1000		11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	990		40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1100		41	42.5	170	ug/Kg
86-73-7	Fluorene	970		58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	970		48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1300		16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1000		50	42.5	170	ug/Kg
1912-24-9	Atrazine	1200		11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1200		38	82.5	330	ug/Kg
85-01-8	Phenanthrene	970		53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1100		36	42.5	170	ug/Kg
120-12-7	Anthracene	970		47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		5.6	42.5	170	ug/Kg
86-74-8	Carbazole	980		61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1200		57	42.5	170	ug/Kg
206-44-0	Fluoranthene	1500		45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SLCS987	SDG No.:	BN052024
Lab Sample ID:	PB160987BS	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
BN031583.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1900		43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1100		39	42.5	170	ug/Kg
218-01-9	Chrysene	1000		46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	970		57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.837		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	29.055		20-120		73	SPK: -40
4165-62-2	Phenol-d5	33.073		10-130		83	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.885		10-150		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.195		15-120		93	SPK: -40
190780-66-6	4-Methylphenol-d8	33.867		10-140		85	SPK: -40
4165-60-0	Nitrobenzene-d5	37.414		10-135		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	47.183		10-120		118	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.235		10-140		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.481		1-145		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.757		10-145		84	SPK: -40
93951-97-4	Acenaphthylene-d8	33.489		15-120		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.554		10-150		86	SPK: -40
81103-79-9	Fluorene-d10	31.478		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SLCS987	SDG No.:	BN052024
Lab Sample ID:	PB160987BS	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
BN031583.D	1	5/17/2024 12:00:00 AM	5/20/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.543		10-130		91	SPK: -40
1719-06-8	Anthracene-d10	31.881		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	44.153		10-130		110	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.323		10-140		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	616245	7.693				
1146-65-2	Naphthalene-d8	2732663	10.481				
15067-26-2	Acenaphthene-d10	1688606	14.334				
1517-22-2	Phenanthrene-d10	3341038	17.075				
1719-03-5	Chrysene-d12	2066978	21.304				
1520-96-3	Perylene-d12	1932779	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SBLK987	SDG No.:	BN052024
Lab Sample ID:	PB160987BL	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
BN031585.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

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:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SBLK987	SDG No.:	BN052024
Lab Sample ID:	PB160987BL	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
BN031585.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

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:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SBLK987	SDG No.:	BN052024
Lab Sample ID:	PB160987BL	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
BN031585.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.889		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	23.469		20-120		59	SPK: -40
4165-62-2	Phenol-d5	25.875		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.007		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.48		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	26.782		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	29.964		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.133		10-120		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.056		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.912		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.452		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	27.077		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.594		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	26.553		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	5/17/2024 12:00:00 AM
Project:		Date Received:	5/17/2024 12:00:00 AM
Client Sample ID:	SBLK987	SDG No.:	BN052024
Lab Sample ID:	PB160987BL	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
BN031585.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.001		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	28.536		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	39.145		10-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.051		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	669715	7.693				
1146-65-2	Naphthalene-d8	2960533	10.475				
15067-26-2	Acenaphthene-d10	1860304	14.328				
1517-22-2	Phenanthrene-d10	3505239	17.075				
1719-03-5	Chrysene-d12	2096696	21.304				
1520-96-3	Perylene-d12	2207315	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9S5	SDG No.:	BN052024
Lab Sample ID:	P2484-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031586.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

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
110-86-1	Pyridine	13	U	13	180	370	ug/Kg
100-52-7	Benzaldehyde	54	U	54	92.1	370	ug/Kg
108-95-2	Phenol	50	U	50	92.1	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	92.1	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	47.4	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.1	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	92.1	370	ug/Kg
98-86-2	Acetophenone	66	U	66	92.1	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	92.1	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	92.1	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	92.1	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:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9S5	SDG No.:	BN052024
Lab Sample ID:	P2484-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.7
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
BN031586.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

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	51	U	51	47.4	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	92.1	370	ug/Kg
83-32-9	Acenaphthene	56	U	56	47.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	92.1	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	92.1	370	ug/Kg
132-64-9	Dibenzofuran	45	U	45	47.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	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	92.1	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	92.1	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	92.1	370	ug/Kg
87-86-5	Pentachlorophenol	42	U	42	92.1	370	ug/Kg
85-01-8	Phenanthrene	59	U	59	47.4	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	47.4	190	ug/Kg
120-12-7	Anthracene	52	U	52	47.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.3	U	6.3	47.4	190	ug/Kg
86-74-8	Carbazole	68	U	68	92.1	370	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	47.4	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	92.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9S5	SDG No.:	BN052024
Lab Sample ID:	P2484-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.7
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
BN031586.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	47.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	47.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	92.1	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	47.4	190	ug/Kg
218-01-9	Chrysene	51	U	51	47.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	47.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	92.1	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	47.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	65	U	65	47.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	64	U	64	47.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	47.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	47.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	47.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	47.4	190	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	24.86		20-120		62	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.448		15-120		68	SPK: -8
4165-62-2	Phenol-d5	31.194		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.541		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.192		15-120		85	SPK: -40
190780-66-6	4-Methylphenol-d8	32.66		10-140		82	SPK: -40
4165-60-0	Nitrobenzene-d5	36.327		10-135		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	45.852		10-120		115	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.906		10-140		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.461		1-145		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.343		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	34.363		15-120		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.241		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	32.936		20-140		82	SPK: -40

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9S5	SDG No.:	BN052024
Lab Sample ID:	P2484-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.7
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
BN031586.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.045		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	34.208		10-150		86	SPK: -40
1718-52-1	Pyrene-d10	45.981		10-130		115	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.348		10-140		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	577663	7.693				
1146-65-2	Naphthalene-d8	2551349	10.475				
15067-26-2	Acenaphthene-d10	1602582	14.328				
1517-22-2	Phenanthrene-d10	3047438	17.075				
1719-03-5	Chrysene-d12	1880359	21.298				
1520-96-3	Perylene-d12	1850994	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	170	J			3.464	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.216	
000057-10-3	n-Hexadecanoic acid	190	J			17.981	
1000406-04-8	Pentadecafluorooctanoic acid, octa	190	J			20.998	
E966796	Total Alkanes	51	U			99	ug/Kg



Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9T0	SDG No.:	BN052024
Lab Sample ID:	P2484-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031587.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

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	91.3	370	ug/Kg
110-86-1	Pyridine	13	U	13	180	370	ug/Kg
108-95-2	Phenol	50	U	50	91.3	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	91.3	370	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	47	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91.3	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	91.3	370	ug/Kg
98-86-2	Acetophenone	65	U	65	91.3	370	ug/Kg
106-44-5	4-Methylphenol	45	U	45	91.3	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	41	U	41	47	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	47	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	47	190	ug/Kg
78-59-1	Isophorone	40	U	40	47	190	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	47	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.4	U	9.4	47	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	34	U	34	47	190	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	47	190	ug/Kg
91-20-3	Naphthalene	37	U	37	47	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	47	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	47	190	ug/Kg
105-60-2	Caprolactam	44	U	44	91.3	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40	U	40	47	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	47	190	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	47	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	91.3	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	47	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9T0	SDG No.:	BN052024
Lab Sample ID:	P2484-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031587.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	47	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	47	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	47	190	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	47	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	47	190	ug/Kg
208-96-8	Acenaphthylene	51	U	51	47	190	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	91.3	370	ug/Kg
83-32-9	Acenaphthene	55	U	55	47	190	ug/Kg
51-28-5	2,4-Dinitrophenol	35	U	35	91.3	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	91.3	370	ug/Kg
132-64-9	Dibenzofuran	44	U	44	47	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	47	190	ug/Kg
84-66-2	Diethylphthalate	45	U	45	47	190	ug/Kg
86-73-7	Fluorene	64	U	64	47	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	47	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	91.3	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	91.3	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	47	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	47	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	47	190	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	47	190	ug/Kg
1912-24-9	Atrazine	12	U	12	91.3	370	ug/Kg
87-86-5	Pentachlorophenol	42	U	42	91.3	370	ug/Kg
85-01-8	Phenanthrene	59	U	59	47	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	47	190	ug/Kg
120-12-7	Anthracene	52	U	52	47	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.2	U	6.2	47	190	ug/Kg
86-74-8	Carbazole	67	U	67	91.3	370	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	47	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	91.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9T0	SDG No.:	BN052024
Lab Sample ID:	P2484-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031587.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	47	190	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	47	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	91.3	370	ug/Kg
56-55-3	Benzo(a)anthracene	43	U	43	47	190	ug/Kg
218-01-9	Chrysene	51	U	51	47	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	47	190	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	91.3	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	47	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	64	U	64	47	190	ug/Kg
50-32-8	Benzo(a)pyrene	63	U	63	47	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	47	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	47	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	47	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	47	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.805		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	15.091		20-120		38	SPK: -40
4165-62-2	Phenol-d5	19.482		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.189		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.254		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	22.144		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	26.073		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.307		10-120		21	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.696		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.534		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.78		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	25.375		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.47	*	10-150		4	SPK: -40
81103-79-9	Fluorene-d10	24.833		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9T0	SDG No.:	BN052024
Lab Sample ID:	P2484-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031587.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.205	*	10-130		1	SPK: -40
1719-06-8	Anthracene-d10	25.83		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	36.23		10-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.512		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	595714	7.693				
1146-65-2	Naphthalene-d8	2684517	10.475				
15067-26-2	Acenaphthene-d10	1724511	14.328				
1517-22-2	Phenanthrene-d10	3280058	17.075				
1719-03-5	Chrysene-d12	2053220	21.304				
1520-96-3	Perylene-d12	1985566	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
1000406-04-8	Pentadecafluorooctanoic acid, octa	84	J			20.998	
E966796	Total Alkanes	51	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9T1	SDG No.:	BN052024
Lab Sample ID:	P2484-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
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
BN031588.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

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	98.1	390	ug/Kg
110-86-1	Pyridine	14	U	14	200	390	ug/Kg
108-95-2	Phenol	54	U	54	98.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	98.1	390	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	50.5	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	98.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	98.1	390	ug/Kg
98-86-2	Acetophenone	70	U	70	98.1	390	ug/Kg
106-44-5	4-Methylphenol	49	U	49	98.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	44	U	44	50.5	200	ug/Kg
67-72-1	Hexachloroethane	19	U	19	50.5	200	ug/Kg
98-95-3	Nitrobenzene	32	U	32	50.5	200	ug/Kg
78-59-1	Isophorone	43	U	43	50.5	200	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	50.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	10	U	10	50.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	37	U	37	50.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	50.5	200	ug/Kg
91-20-3	Naphthalene	39	U	39	50.5	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	50.5	390	ug/Kg
87-68-3	Hexachlorobutadiene	31	U	31	50.5	200	ug/Kg
105-60-2	Caprolactam	48	U	48	98.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	50.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	23	U	23	50.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	23	U	23	98.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	59	U	59	50.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	50.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9T1	SDG No.:	BN052024
Lab Sample ID:	P2484-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
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
BN031588.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	50.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	50.5	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.5	200	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	50.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	50.5	200	ug/Kg
208-96-8	Acenaphthylene	55	U	55	50.5	200	ug/Kg
99-09-2	3-Nitroaniline	17	U	17	98.1	390	ug/Kg
83-32-9	Acenaphthene	59	U	59	50.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	38	U	38	98.1	390	ug/Kg
100-02-7	4-Nitrophenol	13	U	13	98.1	390	ug/Kg
132-64-9	Dibenzofuran	48	U	48	50.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	50.5	200	ug/Kg
84-66-2	Diethylphthalate	49	U	49	50.5	200	ug/Kg
86-73-7	Fluorene	69	U	69	50.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	50.5	200	ug/Kg
100-01-6	4-Nitroaniline	19	U	19	98.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	98.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	50.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	50.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	U	120	50.5	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.5	200	ug/Kg
1912-24-9	Atrazine	13	U	13	98.1	390	ug/Kg
87-86-5	Pentachlorophenol	45	U	45	98.1	390	ug/Kg
85-01-8	Phenanthrene	63	U	63	50.5	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	50.5	200	ug/Kg
120-12-7	Anthracene	56	U	56	50.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.7	U	6.7	50.5	200	ug/Kg
86-74-8	Carbazole	73	U	73	98.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	50.5	200	ug/Kg
206-44-0	Fluoranthene	54	U	54	98.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9T1	SDG No.:	BN052024
Lab Sample ID:	P2484-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
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
BN031588.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	50.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	51	U	51	50.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	98.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.5	200	ug/Kg
218-01-9	Chrysene	55	U	55	50.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	50.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	98.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	50.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	U	69	50.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	68	U	68	50.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	U	54	50.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62	U	62	50.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	50.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	62	U	62	50.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.232		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	17.547		20-120		44	SPK: -40
4165-62-2	Phenol-d5	25.025		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.115		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.053		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	26.496		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	29.128		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.943		10-120		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.155		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.828		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.747		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	28.263		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.724		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	26.654		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	5/15/2024 12:00:00 AM
Project:		Date Received:	5/15/2024 12:00:00 AM
Client Sample ID:	BH9T1	SDG No.:	BN052024
Lab Sample ID:	P2484-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
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
BN031588.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.608		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	27.699		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	37.944		10-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.326		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	593499	7.693				
1146-65-2	Naphthalene-d8	2606457	10.475				
15067-26-2	Acenaphthene-d10	1617610	14.328				
1517-22-2	Phenanthrene-d10	3105586	17.075				
1719-03-5	Chrysene-d12	1805970	21.298				
1520-96-3	Perylene-d12	1915422	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-14-2	R-(-)-1,2-propanediol	120	J			3.464	
000770-35-4	1-Phenoxypropan-2-ol	82	J			11.216	
000057-10-3	n-Hexadecanoic acid	80	J			17.975	
1000406-04-8	Pentadecafluorooctanoic acid, octa	100	J			20.998	
E966796	Total Alkanes	55	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9Q0	SDG No.:	BN052024
Lab Sample ID:	P2484-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.3
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
BN031589.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7	71	ug/Kg
100-52-7	Benzaldehyde	51	U	51	88	350	ug/Kg
110-86-1	Pyridine	13	U	13	180	350	ug/Kg
108-95-2	Phenol	48	U	48	88	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	88	350	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	45.4	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	88	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	88	350	ug/Kg
98-86-2	Acetophenone	63	U	63	88	350	ug/Kg
106-44-5	4-Methylphenol	44	U	44	88	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	39	U	39	45.4	180	ug/Kg
67-72-1	Hexachloroethane	17	U	17	45.4	180	ug/Kg
98-95-3	Nitrobenzene	29	U	29	45.4	180	ug/Kg
78-59-1	Isophorone	38	U	38	45.4	180	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	45.4	180	ug/Kg
105-67-9	2,4-Dimethylphenol	9.1	U	9.1	45.4	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	33	U	33	45.4	180	ug/Kg
120-83-2	2,4-Dichlorophenol	36	U	36	45.4	180	ug/Kg
91-20-3	Naphthalene	35	U	35	45.4	180	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	45.4	350	ug/Kg
87-68-3	Hexachlorobutadiene	28	U	28	45.4	180	ug/Kg
105-60-2	Caprolactam	43	U	43	88	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	38	U	38	45.4	180	ug/Kg
90-12-0	1-Methylnaphthalene	20	U	20	45.4	180	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	45.4	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	20	U	20	88	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	45.4	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	45.4	180	ug/Kg

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9Q0	SDG No.:	BN052024
Lab Sample ID:	P2484-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.3
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
BN031589.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	49	U	49	45.4	180	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	45.4	180	ug/Kg
88-74-4	2-Nitroaniline	23	U	23	45.4	180	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	45.4	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	45.4	180	ug/Kg
208-96-8	Acenaphthylene	49	U	49	45.4	180	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	88	350	ug/Kg
83-32-9	Acenaphthene	53	U	53	45.4	180	ug/Kg
51-28-5	2,4-Dinitrophenol	34	U	34	88	350	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	88	350	ug/Kg
132-64-9	Dibenzofuran	43	U	43	45.4	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	14	U	14	45.4	180	ug/Kg
84-66-2	Diethylphthalate	44	U	44	45.4	180	ug/Kg
86-73-7	Fluorene	62	U	62	45.4	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51	U	51	45.4	180	ug/Kg
100-01-6	4-Nitroaniline	17	U	17	88	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	88	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	45.4	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	48	45.4	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	45.4	180	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	45.4	180	ug/Kg
1912-24-9	Atrazine	12	U	12	88	350	ug/Kg
87-86-5	Pentachlorophenol	41	U	41	88	350	ug/Kg
85-01-8	Phenanthrene	57	U	57	45.4	180	ug/Kg
608-93-5	Pentachlorobenzene	38	U	38	45.4	180	ug/Kg
120-12-7	Anthracene	50	U	50	45.4	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6	U	6	45.4	180	ug/Kg
86-74-8	Carbazole	65	U	65	88	350	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	45.4	180	ug/Kg
206-44-0	Fluoranthene	48	U	48	88	180	ug/Kg

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9Q0	SDG No.:	BN052024
Lab Sample ID:	P2484-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.3
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
BN031589.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	45.4	180	ug/Kg
85-68-7	Butylbenzylphthalate	46	U	46	45.4	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	88	350	ug/Kg
56-55-3	Benzo(a)anthracene	42	U	42	45.4	180	ug/Kg
218-01-9	Chrysene	49	U	49	45.4	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	46	U	46	45.4	180	ug/Kg
117-84-0	Di-n-octyl phthalate	46	U	46	88	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	45.4	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	62	U	62	45.4	180	ug/Kg
50-32-8	Benzo(a)pyrene	61	U	61	45.4	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	48	45.4	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	45.4	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49	U	49	45.4	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55	U	55	45.4	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.093		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	11.99		20-120		30	SPK: -40
4165-62-2	Phenol-d5	25.374		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.36		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.314		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	22.641		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	28.764		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.496		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.038		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.507		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.909		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	27.03		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.966		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	26.704		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9Q0	SDG No.:	BN052024
Lab Sample ID:	P2484-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.3
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
BN031589.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.974		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	27.232		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	37.78		10-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.514		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	522229	7.693				
1146-65-2	Naphthalene-d8	2322557	10.475				
15067-26-2	Acenaphthene-d10	1477442	14.328				
1517-22-2	Phenanthrene-d10	2973206	17.075				
1719-03-5	Chrysene-d12	1944192	21.298				
1520-96-3	Perylene-d12	1706547	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.123	180	J			3.123	
004254-14-2	R-(-)-1,2-propanediol	74	J			3.464	
000770-35-4	1-Phenoxypropan-2-ol	83	J			11.216	
000057-10-3	n-Hexadecanoic acid	230	J			17.981	
000057-11-4	Octadecanoic acid	90	J			19.263	
	(DEL) Alkane: Straight-Chain20.998	130	J			20.998	
E966796	Total Alkanes	310				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9Q1	SDG No.:	BN052024
Lab Sample ID:	P2484-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BN031590.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

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	91.1	360	ug/Kg
110-86-1	Pyridine	13	U	13	180	360	ug/Kg
108-95-2	Phenol	50	U	50	91.1	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	91.1	360	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	46.9	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	91.1	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	91.1	360	ug/Kg
98-86-2	Acetophenone	81	J	65	91.1	360	ug/Kg
106-44-5	4-Methylphenol	45	U	45	91.1	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	38	U	38	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	91.1	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	91.1	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:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9Q1	SDG No.:	BN052024
Lab Sample ID:	P2484-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BN031590.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

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	51	U	51	46.9	190	ug/Kg
99-09-2	3-Nitroaniline	15	U	15	91.1	360	ug/Kg
83-32-9	Acenaphthene	55	U	55	46.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	35	U	35	91.1	360	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	91.1	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	91.1	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	91.1	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	91.1	360	ug/Kg
87-86-5	Pentachlorophenol	42	U	42	91.1	360	ug/Kg
85-01-8	Phenanthrene	58	U	58	46.9	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	46.9	190	ug/Kg
120-12-7	Anthracene	52	U	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	91.1	360	ug/Kg
84-74-2	Di-n-butylphthalate	63	U	63	46.9	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	91.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9Q1	SDG No.:	BN052024
Lab Sample ID:	P2484-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BN031590.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	46.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	47	U	47	46.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	91.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	43	U	43	46.9	190	ug/Kg
218-01-9	Chrysene	51	U	51	46.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	47	U	47	46.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	47	U	47	91.1	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	46.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	64	U	64	46.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	63	U	63	46.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	46.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	U	57	46.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	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	4.538		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	14.284		20-120		36	SPK: -40
4165-62-2	Phenol-d5	26.551		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.556		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.895		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	21.829		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	30.523		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.657		10-120		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.608		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.719		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.878		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	29.08		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.132		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	26.62		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9Q1	SDG No.:	BN052024
Lab Sample ID:	P2484-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
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
BN031590.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.164		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	28.262		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	36.398		10-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.595		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	623308	7.693				
1146-65-2	Naphthalene-d8	2727396	10.475				
15067-26-2	Acenaphthene-d10	1587193	14.334				
1517-22-2	Phenanthrene-d10	2723369	17.075				
1719-03-5	Chrysene-d12	1961217	21.298				
1520-96-3	Perylene-d12	2234074	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.123	190	J			3.123	
000770-35-4	1-Phenoxypropan-2-ol	96	J			11.216	
000057-10-3	n-Hexadecanoic acid	440	J			17.981	
1000336-66-8	6-Octadecenoic acid	170	J			19.145	
000057-11-4	Octadecanoic acid	200	J			19.263	
	(DEL) Alkane: Cyclic20.992	180	J			20.992	
E966796	Total Alkanes	370				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9S6	SDG No.:	BN052024
Lab Sample ID:	P2484-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.8
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
BN031591.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

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	92.2	370	ug/Kg
110-86-1	Pyridine	13	U	13	180	370	ug/Kg
108-95-2	Phenol	50	U	50	92.2	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	92.2	370	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	47.5	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.2	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	92.2	370	ug/Kg
98-86-2	Acetophenone	66	U	66	92.2	370	ug/Kg
106-44-5	4-Methylphenol	46	U	46	92.2	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	41	U	41	47.5	190	ug/Kg
67-72-1	Hexachloroethane	18	U	18	47.5	190	ug/Kg
98-95-3	Nitrobenzene	30	U	30	47.5	190	ug/Kg
78-59-1	Isophorone	40	U	40	47.5	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	47.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	9.5	U	9.5	47.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	35	U	35	47.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	47.5	190	ug/Kg
91-20-3	Naphthalene	37	U	37	47.5	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	47.5	370	ug/Kg
87-68-3	Hexachlorobutadiene	29	U	29	47.5	190	ug/Kg
105-60-2	Caprolactam	45	U	45	92.2	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40	U	40	47.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	21	U	21	47.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	47.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	21	U	21	92.2	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	47.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	47.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9S6	SDG No.:	BN052024
Lab Sample ID:	P2484-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.8
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
BN031591.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	47.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	47.5	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.5	190	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	47.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	47.5	190	ug/Kg
208-96-8	Acenaphthylene	51	U	51	47.5	190	ug/Kg
99-09-2	3-Nitroaniline	16	U	16	92.2	370	ug/Kg
83-32-9	Acenaphthene	56	U	56	47.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	36	U	36	92.2	370	ug/Kg
100-02-7	4-Nitrophenol	12	U	12	92.2	370	ug/Kg
132-64-9	Dibenzofuran	45	U	45	47.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	15	U	15	47.5	190	ug/Kg
84-66-2	Diethylphthalate	46	U	46	47.5	190	ug/Kg
86-73-7	Fluorene	65	U	65	47.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	47.5	190	ug/Kg
100-01-6	4-Nitroaniline	18	U	18	92.2	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	92.2	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	47.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	47.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	47.5	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.5	190	ug/Kg
1912-24-9	Atrazine	12	U	12	92.2	370	ug/Kg
87-86-5	Pentachlorophenol	42	U	42	92.2	370	ug/Kg
85-01-8	Phenanthrene	59	U	59	47.5	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	47.5	190	ug/Kg
120-12-7	Anthracene	53	U	53	47.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	6.3	U	6.3	47.5	190	ug/Kg
86-74-8	Carbazole	68	U	68	92.2	370	ug/Kg
84-74-2	Di-n-butylphthalate	64	U	64	47.5	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	92.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9S6	SDG No.:	BN052024
Lab Sample ID:	P2484-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.8
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
BN031591.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	47.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	47.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	92.2	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	47.5	190	ug/Kg
218-01-9	Chrysene	51	U	51	47.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	47.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	92.2	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	47.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	65	U	65	47.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	64	U	64	47.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50	U	50	47.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	47.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	47.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	47.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.961		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	15.495		20-120		39	SPK: -40
4165-62-2	Phenol-d5	22.545		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.15		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.854		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	23.953		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	26.187		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.365		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.747		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.227		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.132		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.104		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.943		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	23.726		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9S6	SDG No.:	BN052024
Lab Sample ID:	P2484-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.8
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
BN031591.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.165		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	23.718		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	32.466		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.758		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	677519	7.693				
1146-65-2	Naphthalene-d8	3012749	10.475				
15067-26-2	Acenaphthene-d10	1883920	14.328				
1517-22-2	Phenanthrene-d10	3636603	17.075				
1719-03-5	Chrysene-d12	2162977	21.298				
1520-96-3	Perylene-d12	2232079	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	82	A			4.834	
1000406-04-8	Pentadecafluorooctanoic acid, octa	85	J			20.998	
E966796	Total Alkanes	51	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9S7	SDG No.:	BN052024
Lab Sample ID:	P2484-24	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
BN031592.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

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:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9S7	SDG No.:	BN052024
Lab Sample ID:	P2484-24	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
BN031592.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

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	60	U	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	51	U	51	93.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9S7	SDG No.:	BN052024
Lab Sample ID:	P2484-24	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
BN031592.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	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	44	U	44	48.4	190	ug/Kg
218-01-9	Chrysene	52	U	52	48.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	48.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	49	U	49	93.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	U	55	48.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	66	U	66	48.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	65	U	65	48.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	U	51	48.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	48.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	48.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	48.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.355		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	11.692		20-120		29	SPK: -40
4165-62-2	Phenol-d5	18.804		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.795		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.61		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	20.032		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	21.601		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.31		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.369		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.173		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.673		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.534		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.665		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	19.767		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	5/16/2024 12:00:00 AM
Project:		Date Received:	5/16/2024 12:00:00 AM
Client Sample ID:	BH9S7	SDG No.:	BN052024
Lab Sample ID:	P2484-24	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
BN031592.D	1	5/17/2024 12:00:00 AM	5/21/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.216		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	20.748		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	27.463		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.252		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	581693	7.692				
1146-65-2	Naphthalene-d8	2593327	10.475				
15067-26-2	Acenaphthene-d10	1672608	14.327				
1517-22-2	Phenanthrene-d10	3242866	17.074				
1719-03-5	Chrysene-d12	2055289	21.298				
1520-96-3	Perylene-d12	1958809	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	52	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN052024

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-WATER-QT2-2024-03							
P2409-01	MDL-WATER-QT2-2024 Water	Total Alkanes	*	0.000	1.9	5	ug/L
		Total Tics :			0.00		
P2409-01	MDL-WATER-QT2-2024 Water	1,1-Biphenyl		5.000	1.9	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	1,2,3,4-Tetrachlorobenzene		4.800	J 0.75	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	1,2,4,5-Tetrachlorobenzene		4.900	J 1.8	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	1,4-Dioxane		1.200	J 0.31	2	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	1-Methylnaphthalene		5.100	0.97	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,2-oxybis(1-Chloropropane)		4.800	J 1.4	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,3,4,6-Tetrachlorophenol		4.700	J 1.8	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,4,5-Trichlorophenol		4.400	J 1.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,4,6-Trichlorophenol		4.600	J 1.9	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,4-Dichlorophenol		5.100	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,4-Dimethylphenol		3.200	J 0.72	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,4-Dinitrophenol		3.900	J 1.9	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,4-Dinitrotoluene		4.500	J 0.97	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,6-Dinitrotoluene		4.200	J 1.3	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2-Chloronaphthalene		4.900	J 1.8	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2-Chlorophenol		5.000	1.1	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2-Methylnaphthalene		5.000	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2-Methylphenol		4.300	J 1.5	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2-Nitroaniline		4.200	J 1.2	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2-Nitrophenol		5.600	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	3,3-Dichlorobenzidine		3.500	J 1.4	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	3-Nitroaniline		4.200	J 0.86	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4,6-Dinitro-2-methylphenol		4.600	J 1.7	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Bromophenyl-phenylether		4.800	J 2.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Chloro-3-methylphenol		4.600	J 1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Chloroaniline		4.700	J 1.7	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Chlorophenyl-phenylether		4.900	J 1.9	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Methylphenol		4.700	J 1.6	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Nitroaniline		4.400	J 0.6	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Nitrophenol		5.000	J 1.5	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Acenaphthene		4.900	J 1.9	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Acenaphthylene		5.000	1.8	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Acetophenone		5.000	J 2.1	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Anthracene		4.500	J 1.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Atrazine		5.300	J 1.2	10	ug/L

Hit Summary Sheet SW-846

SDG No.: BN052024

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2409-01	MDL-WATER-QT2-2024 Water	Benzaldehyde	6.500	J	1.4	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Benzo(a)anthracene	4.800	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Benzo(a)pyrene	4.800	J	2	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Benzo(b)fluoranthene	5.000		1.6	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Benzo(g,h,i)perylene	3.800	J	1.9	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Benzo(k)fluoranthene	4.900	J	2.2	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Bis(2-Chloroethoxy)methane	4.900	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Bis(2-Chloroethyl)ether	4.900	J	1.5	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Bis(2-ethylhexyl)phthalate	4.300	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Butylbenzylphthalate	4.300	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Caprolactam	4.200	J	1.3	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Carbazole	4.500	J	2	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Chrysene	4.700	J	1.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Di-n-butylphthalate	4.300	J	1.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Di-n-octyl phthalate	4.100	J	1.3	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Dibenzo(a,h)anthracene	3.800	J	2	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Dibenzofuran	5.000		1.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Diethylphthalate	4.700	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Dimethylphthalate	5.000		1.6	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Fluoranthene	5.500		1.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Fluorene	5.000		2	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Hexachlorobenzene	4.900	J	1.9	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Hexachlorobutadiene	4.900	J	1.1	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Hexachlorocyclopentadiene	3.600	J	1.4	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Hexachloroethane	4.900	J	0.89	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Indeno(1,2,3-cd)pyrene	3.800	J	1.9	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Isophorone	4.600	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	N-Nitroso-di-n-propylamine	4.700	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	N-Nitrosodiphenylamine	4.700	J	1.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Naphthalene	4.900	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Nitrobenzene	5.000		1.3	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Pentachlorobenzene	5.200		1.3	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Pentachlorophenol	4.200	J	1.7	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Phenanthrene	4.800	J	1.8	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Phenol	4.700	J	1.7	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Pyrene	5.500		1.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Pyridine	4.800	J	0.85	10	ug/L

Total Svoc : 333.70

Total Concentration: 333.70

Client ID : MDL-SOIL-QT2-2024-03

Hit Summary Sheet SW-846

SDG No.: BN052024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Total Alkanes	*	0.000	46	170	ug/Kg
			Total Tics :			0.00		
P2409-03	MDL-SOIL-QT2-2024-0	Solid	1,1-Biphenyl	160.000	J	46	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	1,2,3,4-Tetrachlorobenzene	160.000	J	5.6	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	1,2,4,5-Tetrachlorobenzene	170.000		45	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	1,4-Dioxane	36.000	J	12	66	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	1-Methylnaphthalene	170.000		19	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,2-oxybis(1-Chloropropane)	160.000	J	29	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,3,4,6-Tetrachlorophenol	150.000	J	52	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,4,5-Trichlorophenol	150.000	J	49	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,4,6-Trichlorophenol	150.000	J	50	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,4-Dichlorophenol	170.000		34	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,4-Dimethylphenol	110.000	J	8.5	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,4-Dinitrophenol	130.000	J	32	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,4-Dinitrotoluene	150.000	J	13	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,6-Dinitrotoluene	140.000	J	26	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2-Chloronaphthalene	170.000		44	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2-Chlorophenol	160.000	J	22	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2-Methylnaphthalene	170.000		37	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2-Methylphenol	140.000	J	39	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2-Nitroaniline	140.000	J	22	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2-Nitrophenol	180.000		30	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	3,3-Dichlorobenzidine	120.000	J	25	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	3-Nitroaniline	140.000	J	14	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4,6-Dinitro-2-methylphenol	160.000	J	39	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Bromophenyl-phenylether	160.000	J	99	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Chloro-3-methylphenol	150.000	J	36	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Chloroaniline	160.000	J	44	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Chlorophenyl-phenylether	160.000	J	48	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Methylphenol	150.000	J	41	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Nitroaniline	150.000	J	16	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Nitrophenol	160.000	J	11	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Acenaphthene	160.000	J	50	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Acenaphthylene	170.000		46	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Acetophenone	160.000	J	59	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Anthracene	150.000	J	47	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Atrazine	170.000	J	11	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Benzaldehyde	210.000	J	48	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Benzo(a)anthracene	160.000	J	39	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Benzo(a)pyrene	160.000	J	57	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN052024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Benzo(b)fluoranthene	170.000		48	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Benzo(g,h,i)perylene	130.000	J	46	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Benzo(k)fluoranthene	170.000		58	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Bis(2-Chloroethoxy)methane	160.000	J	31	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Bis(2-Chloroethyl)ether	160.000	J	35	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Bis(2-ethylhexyl)phthalate	150.000	J	43	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Butylbenzylphthalate	150.000	J	43	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Caprolactam	140.000	J	40	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Carbazole	150.000	J	61	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Chrysene	160.000	J	46	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Di-n-butylphthalate	150.000	J	57	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Di-n-octyl phthalate	140.000	J	43	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Dibenzo(a,h)anthracene	120.000	J	52	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Dibenzofuran	160.000	J	40	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Diethylphthalate	160.000	J	41	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Dimethylphthalate	160.000	J	38	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Fluoranthene	180.000		45	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Fluorene	170.000		58	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Hexachlorobenzene	160.000	J	50	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Hexachlorobutadiene	160.000	J	26	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Hexachlorocyclopentadiene	120.000	J	19	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Hexachloroethane	160.000	J	16	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Indeno(1,2,3-cd)pyrene	130.000	J	45	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Isophorone	150.000	J	36	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	N-Nitroso-di-n-propylamine	160.000	J	37	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	N-Nitrosodiphenylamine	160.000	J	45	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Naphthalene	160.000	J	33	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Nitrobenzene	170.000		27	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Pentachlorobenzene	180.000		36	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Pentachlorophenol	150.000	J	38	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Phenanthrene	160.000	J	53	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Phenol	160.000	J	45	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Pyrene	180.000		46	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Pyridine	160.000	J	12	330	ug/Kg
Total Svoc :				11,116.00				
Total Concentration:				11,116.00				

Client ID : MDL-MED-SOIL-QT2-2024-03

P2409-05	MDL-MED-SOIL-QT2-2 Solid	Total Alkanes	*	0.000	1300	4800	ug/Kg
Total Tics :				0.00			
P2409-05	MDL-MED-SOIL-QT2-2 Solid	1,1-Biphenyl		4,700.000	J 1300	4800	ug/Kg

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SDG No.: BN052024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-05	MDL-MED-SOIL-QT2-2	Solid	1,2,3,4-Tetrachlorobenzene	4,500.000	J	280	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	1,2,4,5-Tetrachlorobenzene	4,700.000	J	1300	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	1,4-Dioxane	1,100.000	J	330	1900	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	1-Methylnaphthalene	4,800.000		500	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,2-oxybis(1-Chloropropane)	4,400.000	J	800	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,3,4,6-Tetrachlorophenol	4,500.000	J	1500	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,4,5-Trichlorophenol	4,500.000	J	1300	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,4,6-Trichlorophenol	4,300.000	J	1500	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,4-Dichlorophenol	4,800.000		900	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,4-Dimethylphenol	3,000.000	J	270	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,4-Dinitrophenol	3,800.000	J	760	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,4-Dinitrotoluene	4,300.000	J	310	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,6-Dinitrotoluene	4,000.000	J	580	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2-Chloronaphthalene	4,700.000	J	1300	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2-Chlorophenol	4,600.000	J	630	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2-Methylnaphthalene	4,800.000		1100	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2-Methylphenol	4,100.000	J	1100	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2-Nitroaniline	4,000.000	J	420	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2-Nitrophenol	5,300.000		1000	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	3,3-Dichlorobenzidine	3,500.000	J	720	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	3-Nitroaniline	4,000.000	J	230	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4,6-Dinitro-2-methylphenol	4,400.000	J	1100	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Bromophenyl-phenylether	4,600.000	J	2700	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Chloro-3-methylphenol	4,400.000	J	1100	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Chloroaniline	4,500.000	J	1200	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Chlorophenyl-phenylether	4,800.000		1500	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Methylphenol	4,400.000	J	1200	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Nitroaniline	4,200.000	J	530	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Nitrophenol	4,700.000	J	180	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Acenaphthene	4,600.000	J	1400	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Acenaphthylene	4,700.000	J	1400	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Acetophenone	4,800.000	J	1600	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Anthracene	4,300.000	J	1500	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Atrazine	5,000.000	J	270	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Benzaldehyde	6,000.000	J	1300	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Benzo(a)anthracene	4,400.000	J	1000	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Benzo(a)pyrene	4,500.000	J	1600	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Benzo(b)fluoranthene	4,700.000	J	1600	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Benzo(g,h,i)perylene	3,600.000	J	1600	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Benzo(k)fluoranthene	4,800.000		1700	4800	ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Bis(2-Chloroethoxy)methane	4,700.000	J	880	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Bis(2-Chloroethyl)ether	4,600.000	J	840	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Bis(2-ethylhexyl)phthalate	4,100.000	J	1100	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Butylbenzylphthalate	4,100.000	J	1100	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Caprolactam	4,200.000	J	1400	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Carbazole	4,400.000	J	1800	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Chrysene	4,600.000	J	1100	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Di-n-butylphthalate	4,100.000	J	1700	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Di-n-octyl phthalate	4,000.000	J	1300	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Dibenzo(a,h)anthracene	3,600.000	J	1600	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Dibenzofuran	4,700.000	J	1300	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Diethylphthalate	4,500.000	J	1200	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Dimethylphthalate	4,700.000	J	1100	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Fluoranthene	5,300.000		1200	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Fluorene	4,700.000	J	1700	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Hexachlorobenzene	4,600.000	J	1400	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Hexachlorobutadiene	4,600.000	J	700	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Hexachlorocyclopentadiene	3,300.000	J	640	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Hexachloroethane	4,400.000	J	390	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Indeno(1,2,3-cd)pyrene	3,500.000	J	1500	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Isophorone	4,400.000	J	1100	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	N-Nitroso-di-n-propylamine	4,500.000	J	910	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	N-Nitrosodiphenylamine	4,500.000	J	1400	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Naphthalene	4,700.000	J	1000	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Nitrobenzene	4,700.000	J	880	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Pentachlorobenzene	5,000.000		1000	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Pentachlorophenol	3,900.000	J	1100	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Phenanthrene	4,600.000	J	1600	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Phenol	4,500.000	J	1200	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Pyrene	5,300.000		1100	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Pyridine	4,600.000	J	200	9500	ug/Kg

Total Svoc : 317,200.00

Total Concentration: 317,200.00

Client ID : BH9P8

P2484-01	BH9P8	Solid	1-Heneicosanol	*	190.000	J		
P2484-01	BH9P8	Solid	n-Hexadecanoic acid	*	250.000	J		
P2484-01	BH9P8	Solid	Octadecanoic acid	*	140.000	J		
P2484-01	BH9P8	Solid	Total Alkanes	*	0.000		51	190 ug/Kg

Total Tics : 580.00

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				580.00				
Client ID :	BH9Q3							
P2484-02	BH9Q3	Solid	n-Hexadecanoic acid	*	110.000	J		
P2484-02	BH9Q3	Solid	Octadecanoic acid	*	80.000	J		
P2484-02	BH9Q3	Solid	Total Alkanes	*	0.000	52	190	ug/Kg
Total Tics :				190.00				
Total Concentration:				190.00				
Client ID :	BH9S2							
P2484-03	BH9S2	Solid	1-Heptacosanol	*	120.000	J		
P2484-03	BH9S2	Solid	n-Hexadecanoic acid	*	87.000	J		
P2484-03	BH9S2	Solid	Total Alkanes	*	0.000	51	190	ug/Kg
Total Tics :				207.00				
Total Concentration:				207.00				
Client ID :	BH9S3							
P2484-04	BH9S3	Solid	(DEL) Alkane: Cyclic20.998	*	90.000	J		
P2484-04	BH9S3	Solid	Total Alkanes	*	90.000	55	200	ug/Kg
Total Tics :				180.00				
Total Concentration:				180.00				
Client ID :	BH9T2							
P2484-05	BH9T2	Solid	1-Heptacosanol	*	170.000	J		
P2484-05	BH9T2	Solid	1-Phenoxypropan-2-ol	*	100.000	J		
P2484-05	BH9T2	Solid	n-Hexadecanoic acid	*	460.000	J		
P2484-05	BH9T2	Solid	Octadecanoic acid	*	410.000	J		
P2484-05	BH9T2	Solid	Propylene Glycol	*	140.000	J		
P2484-05	BH9T2	Solid	Supraene	*	150.000	J		
P2484-05	BH9T2	Solid	Total Alkanes	*	0.000	53	190	ug/Kg
Total Tics :				1,430.00				
Total Concentration:				1,430.00				
Client ID :	BH9T3							
P2484-06	BH9T3	Solid	1-Heneicosanol	*	150.000	J		
P2484-06	BH9T3	Solid	1-Phenoxypropan-2-ol	*	85.000	J		
P2484-06	BH9T3	Solid	n-Hexadecanoic acid	*	140.000	J		
P2484-06	BH9T3	Solid	Octadecanoic acid	*	99.000	J		
P2484-06	BH9T3	Solid	Total Alkanes	*	0.000	54	200	ug/Kg
Total Tics :				474.00				
Total Concentration:				474.00				
Client ID :	BH9X8							
P2484-07	BH9X8	Solid	1-Heptacosanol	*	120.000	J		

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SDG No.: BN052024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2484-07	BH9X8	Solid	1-Phenoxypropan-2-ol	*	100.000	J		
P2484-07	BH9X8	Solid	n-Hexadecanoic acid	*	230.000	J		
P2484-07	BH9X8	Solid	Octadecanoic acid	*	150.000	J		
P2484-07	BH9X8	Solid	Total Alkanes	*	0.000	51	190	ug/Kg
			Total Tics :		600.00			
P2484-07	BH9X8	Solid	Acetophenone		65.000	J 65	370	ug/Kg
			Total Svoc :		65.00			
			Total Concentration:		665.00			
Client ID : BH9P9								
P2484-11	BH9P9	Solid	(DEL) Alkane: Straight-Chain20.5	*	160.000	J		
P2484-11	BH9P9	Solid	n-Hexadecanoic acid	*	210.000	J		
P2484-11	BH9P9	Solid	Octadecanoic acid	*	90.000	J		
P2484-11	BH9P9	Solid	Total Alkanes	*	160.000	52	190	ug/Kg
			Total Tics :		620.00			
			Total Concentration:		620.00			
Client ID : BH9Q2								
P2484-12	BH9Q2	Solid	(DEL) Alkane: Straight-Chain20.5	*	94.000	J		
P2484-12	BH9Q2	Solid	1-Phenoxypropan-2-ol	*	230.000	J		
P2484-12	BH9Q2	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	95.000	J		
P2484-12	BH9Q2	Solid	Pentadecafluorooctanoic acid, oct	*	210.000	J		
P2484-12	BH9Q2	Solid	Propylene Glycol	*	150.000	J		
P2484-12	BH9Q2	Solid	Squalene	*	140.000	J		
P2484-12	BH9Q2	Solid	Total Alkanes	*	94.000	56	210	ug/Kg
			Total Tics :		1,013.00			
			Total Concentration:		1,013.00			
Client ID : BH9Q4								
P2484-13	BH9Q4	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P2484-13	BH9Q4	Solid	1H-Benzotriazole, 5-methoxy-	*	140.000	J		
P2484-13	BH9Q4	Solid	Benzenamine, 2-methoxy-	*	430.000	J		
P2484-13	BH9Q4	Solid	Benzene, 1-isocyanato-2-methoxy	*	220.000	J		
P2484-13	BH9Q4	Solid	n-Hexadecanoic acid	*	240.000	J		
P2484-13	BH9Q4	Solid	Octadecanoic acid	*	130.000	J		
P2484-13	BH9Q4	Solid	Pentadecafluorooctanoic acid, oct	*	130.000	J		
P2484-13	BH9Q4	Solid	Propylene Glycol	*	89.000	J		
P2484-13	BH9Q4	Solid	unknown-01	*	96.000	J		
P2484-13	BH9Q4	Solid	unknown-02	*	270.000	J		
P2484-13	BH9Q4	Solid	Total Alkanes	*	0.000	61	230	ug/Kg
			Total Tics :		1,865.00			
P2484-13	BH9Q4	Solid	Bis(2-ethylhexyl)phthalate		57.000	J 57	230	ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2484-13	BH9Q4	Solid	Butylbenzylphthalate	120.000	J	57	230	ug/Kg
Total Svoc :				177.00				
Total Concentration:				2,042.00				
Client ID : BH9S4								
P2484-16	BH9S4	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P2484-16	BH9S4	Solid	Heptafluorobutyric acid, pentadec	*	170.000	J		
P2484-16	BH9S4	Solid	n-Hexadecanoic acid	*	160.000	J		
P2484-16	BH9S4	Solid	Propylene Glycol	*	140.000	J		
P2484-16	BH9S4	Solid	Total Alkanes	*	0.000	53	200	ug/Kg
Total Tics :				580.00				
Total Concentration:				580.00				
Client ID : BH9S5								
P2484-17	BH9S5	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P2484-17	BH9S5	Solid	n-Hexadecanoic acid	*	190.000	J		
P2484-17	BH9S5	Solid	Pentadecafluorooctanoic acid, oct	*	190.000	J		
P2484-17	BH9S5	Solid	Propylene Glycol	*	170.000	J		
P2484-17	BH9S5	Solid	Total Alkanes	*	0.000	51	190	ug/Kg
Total Tics :				670.00				
Total Concentration:				670.00				
Client ID : BH9T0								
P2484-18	BH9T0	Solid	Pentadecafluorooctanoic acid, oct	*	84.000	J		
P2484-18	BH9T0	Solid	Total Alkanes	*	0.000	51	190	ug/Kg
Total Tics :				84.00				
Total Concentration:				84.00				
Client ID : BH9T1								
P2484-19	BH9T1	Solid	1-Phenoxypropan-2-ol	*	82.000	J		
P2484-19	BH9T1	Solid	n-Hexadecanoic acid	*	80.000	J		
P2484-19	BH9T1	Solid	Pentadecafluorooctanoic acid, oct	*	100.000	J		
P2484-19	BH9T1	Solid	R-(-)-1,2-propanediol	*	120.000	J		
P2484-19	BH9T1	Solid	Total Alkanes	*	0.000	55	200	ug/Kg
Total Tics :				382.00				
Total Concentration:				382.00				
Client ID : BH9Q0								
P2484-21	BH9Q0	Solid	(DEL) Alkane: Straight-Chain20.9	*	130.000	J		
P2484-21	BH9Q0	Solid	(DEL) Alkane: Straight-Chain3.12	*	180.000	J		
P2484-21	BH9Q0	Solid	1-Phenoxypropan-2-ol	*	83.000	J		
P2484-21	BH9Q0	Solid	n-Hexadecanoic acid	*	230.000	J		
P2484-21	BH9Q0	Solid	Octadecanoic acid	*	90.000	J		

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2484-21	BH9Q0	Solid	R-(-)-1,2-propanediol	*	74.000	J		
P2484-21	BH9Q0	Solid	Total Alkanes	*	310.000	49	180	ug/Kg
Total Tics :					1,097.00			
Total Concentration:					1,097.00			
Client ID : BH9Q1								
P2484-22	BH9Q1	Solid	(DEL) Alkane: Cyclic20.992	*	180.000	J		
P2484-22	BH9Q1	Solid	(DEL) Alkane: Straight-Chain3.12	*	190.000	J		
P2484-22	BH9Q1	Solid	1-Phenoxypropan-2-ol	*	96.000	J		
P2484-22	BH9Q1	Solid	6-Octadecenoic acid	*	170.000	J		
P2484-22	BH9Q1	Solid	n-Hexadecanoic acid	*	440.000	J		
P2484-22	BH9Q1	Solid	Octadecanoic acid	*	200.000	J		
P2484-22	BH9Q1	Solid	Total Alkanes	*	370.000	51	190	ug/Kg
Total Tics :					1,646.00			
P2484-22	BH9Q1	Solid	Acetophenone		81.000	J 65	360	ug/Kg
Total Svoc :					81.00			
Total Concentration:					1,727.00			
Client ID : BH9S6								
P2484-23	BH9S6	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	82.000	A		
P2484-23	BH9S6	Solid	Pentadecafluorooctanoic acid, oct	*	85.000	J		
P2484-23	BH9S6	Solid	Total Alkanes	*	0.000	51	190	ug/Kg
Total Tics :					167.00			
Total Concentration:					167.00			
Client ID : BH9S7								
P2484-24	BH9S7	Solid	Total Alkanes	*	0.000	52	190	ug/Kg
Total Tics :					0.00			
Total Concentration:					0.00			

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN051524 SAS No.: BN051524 SDG No.: BN051524

Instrument ID: _____ Calibration Date(s): 5/14/2024 : _____

Calibration Time(s): 12:33 _____

LAB FILE ID:		RRFAL1 = BN031521.D		RRFAL2 = BN031522.D		RRFAL3 = BN031523.D		
		RRFAL4 = BN031524.D		RRFAL5 = BN031525.D		RRFAL6 = BN031526.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.478	0.520	0.533	0.534	0.526		0.518	4.5
Benzaldehyde		1.017	1.007	0.973	0.781	0.564	0.868	22.5
Pyridine		1.447	1.515	1.520	1.535	1.431	1.489	3.2
Hexachloroethane	0.573	0.565	0.585	0.582	0.581		0.577	1.4
Nitrobenzene	0.331	0.356	0.379	0.389	0.384		0.368	6.5
Isophorone	0.589	0.675	0.724	0.756	0.747		0.698	9.8
2-Nitrophenol	0.084	0.098	0.114	0.138	0.150		0.117	23.5
2,4-Dimethylphenol	0.279	0.295	0.325	0.334	0.336		0.314	8.2
Bis(2-Chloroethoxy)methane	0.422	0.457	0.462	0.465	0.454		0.452	3.9
2,4-Dichlorophenol	0.213	0.235	0.258	0.272	0.278		0.251	10.6
Naphthalene	1.020	1.069	1.060	1.047	1.019		1.043	2.2
4-Chloroaniline		0.429	0.435	0.444	0.440	0.416	0.433	2.5
Hexachlorobutadiene	0.159	0.167	0.169	0.174	0.168		0.168	3.1
Phenol		1.664	1.807	1.813	1.874	1.806	1.793	4.3
Caprolactam		0.072	0.087	0.102	0.109	0.105	0.095	16.3
4-Chloro-3-methylphenol	0.232	0.272	0.299	0.322	0.331		0.291	13.8
1-Methylnaphthalene	0.642	0.694	0.698	0.712	0.690		0.687	3.9
2-Methylnaphthalene	0.612	0.685	0.702	0.709	0.684		0.678	5.7
Hexachlorocyclopentadiene		0.253	0.261	0.307	0.306	0.304	0.286	9.4
2,4,6-Trichlorophenol	0.202	0.235	0.277	0.323	0.335		0.274	20.8
2,4,5-Trichlorophenol	0.248	0.292	0.326	0.365	0.372		0.321	16.2
1,1-Biphenyl	1.361	1.440	1.432	1.456	1.372		1.412	3.0
2-Chloronaphthalene	1.045	1.126	1.151	1.136	1.085		1.108	3.9
2-Nitroaniline	0.215	0.242	0.288	0.339	0.343		0.285	20.0
Bis(2-Chloroethyl)ether		1.489	1.551	1.510	1.522	1.433	1.501	2.9
Dimethylphthalate	1.211	1.326	1.350	1.392	1.357		1.327	5.2
2,6-Dinitrotoluene	0.154	0.188	0.232	0.272	0.285		0.226	24.5
Acenaphthylene	1.688	1.862	1.868	1.880	1.793		1.818	4.4
3-Nitroaniline		0.215	0.259	0.294	0.283	0.273	0.265	11.6
Acenaphthene	1.191	1.229	1.251	1.241	1.185		1.219	2.5
2,4-Dinitrophenol		0.059	0.075	0.098	0.113	0.135	0.096	31.2
4-Nitrophenol		0.168	0.192	0.211	0.207	0.203	0.196	8.8
Dibenzofuran	1.610	1.672	1.680	1.694	1.603		1.652	2.5
2,4-Dinitrotoluene	0.222	0.267	0.335	0.398	0.414		0.327	25.2
Diethylphthalate	1.179	1.278	1.358	1.426	1.408		1.330	7.7
2-Chlorophenol	1.138	1.186	1.307	1.335	1.377		1.268	8.0

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN051524 SAS No.: BN051524 SDG No.: BN051524

Instrument ID: _____ Calibration Date(s): 5/14/2024 : _____

Calibration Time(s): 12:33 _____

LAB FILE ID:		RRFAL1 = BN031521.D		RRFAL2 = BN031522.D		RRFAL3 = BN031523.D		
		RRFAL4 = BN031524.D		RRFAL5 = BN031525.D		RRFAL6 = BN031526.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.347	1.392	1.392	1.365	1.284		1.356	3.3
4-Chlorophenyl-phenylether	0.636	0.665	0.654	0.662	0.618		0.647	3.1
4-Nitroaniline		0.231	0.276	0.296	0.278	0.253	0.267	9.4
4,6-Dinitro-2-methylphenol		0.056	0.065	0.081	0.092	0.101	0.079	23.6
N-Nitrosodiphenylamine	0.515	0.548	0.551	0.560	0.538		0.542	3.2
1,2,4,5-Tetrachlorobenzene	0.492	0.533	0.532	0.545	0.526		0.526	3.8
4-Bromophenyl-phenylether	0.160	0.179	0.187	0.190	0.192		0.182	7.2
Hexachlorobenzene	0.198	0.219	0.210	0.220	0.212		0.212	4.2
Atrazine		0.156	0.150	0.171	0.167	0.155	0.160	5.6
Pentachlorophenol		0.077	0.091	0.118	0.124	0.127	0.107	20.6
2-Methylphenol		1.158	1.307	1.340	1.397	1.351	1.311	7.0
Phenanthrene	1.038	1.075	1.064	1.051	1.011		1.048	2.4
Pentachlorobenzene	0.237	0.251	0.242	0.251	0.243		0.245	2.5
Anthracene	1.036	1.097	1.079	1.051	1.020		1.057	3.0
1,2,3,4-Tetrachlorobenzene	0.239	0.251	0.255	0.260	0.259		0.253	3.4
Carbazole		0.965	0.990	0.971	0.963	0.865	0.951	5.2
Di-n-butylphthalate	0.856	0.968	1.080	1.182	1.156		1.048	13.0
Fluoranthene	1.058	1.131	1.218	1.227	1.222		1.171	6.4
Pyrene	1.216	1.264	1.312	1.297	1.252		1.268	3.0
Butylbenzylphthalate	0.255	0.306	0.401	0.500	0.537		0.400	30.3
3,3-Dichlorobenzidine		0.292	0.364	0.420	0.414	0.354	0.369	14.1
2,2-oxybis (1-Chloropropane)		2.058	2.055	1.945	1.929	1.760	1.949	6.3
Benzo (a) anthracene	1.233	1.284	1.350	1.375	1.331		1.315	4.3
Chrysene	1.212	1.226	1.226	1.248	1.235		1.229	1.1
Bis (2-ethylhexyl) phthalate	0.448	0.533	0.685	0.802	0.817		0.657	24.8
Di-n-octyl phthalate		0.665	0.907	1.174	1.217	1.019	0.997	22.3
Benzo (b) fluoranthene	0.993	1.079	1.161	1.234	1.200		1.133	8.6
Benzo (k) fluoranthene	0.984	1.152	1.222	1.246	1.189		1.158	9.0
Benzo (a) pyrene	0.944	1.071	1.129	1.189	1.162		1.099	8.8
Indeno (1,2,3-cd) pyrene	0.979	1.164	1.272	1.390	1.389		1.239	14.0
Dibenzo (a,h) anthracene	0.874	1.012	1.100	1.144	1.146		1.055	10.9
Benzo (g,h,i) perylene	0.835	0.951	1.031	1.094	1.090		1.000	10.9
Acetophenone		2.186	2.314	2.261	2.235	2.079	2.215	4.0
2,3,4,6-Tetrachlorophenol	0.168	0.199	0.231	0.271	0.292		0.232	21.8
1,4-Dioxane-d8	0.470	0.491	0.493	0.486	0.489		0.486	1.9
Pyridine-d5		1.381	1.515	1.498	1.564	1.465	1.485	4.6

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.: BN051524 SAS No.: BN051524 SDG No.: BN051524
Instrument ID: _____ Calibration Date(s): 5/14/2024 : _____
Calibration Time(s): 12:33 _____

LAB FILE ID:		RRFAL1 = BN031521.D			RRFAL2 = BN031522.D		RRFAL3 = BN031523.D	
		RRFAL4 = BN031524.D			RRFAL5 = BN031525.D		RRFAL6 = BN031526.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.504	1.668	1.733	1.819	1.762	1.697	7.1
Bis-(2-Chloroethyl)ether-d8		1.139	1.154	1.119	1.111	1.034	1.111	4.2
2-Chlorophenol-d4	0.988	1.064	1.206	1.250	1.309		1.164	11.5
4-Methylphenol-d8		1.141	1.276	1.329	1.395	1.376	1.303	7.8
Nitrobenzene-d5	0.106	0.121	0.132	0.149	0.151		0.132	14.4
2-Nitrophenol-d4	0.072	0.079	0.094	0.119	0.133		0.099	26.2
2,4-Dichlorophenol-d3	0.191	0.227	0.253	0.279	0.285		0.247	15.7
4-Chloroaniline-d4		0.437	0.431	0.449	0.448	0.434	0.440	1.9
4-Methylphenol		1.278	1.402	1.457	1.484	1.445	1.413	5.7
Dimethylphthalate-d6	1.135	1.216	1.294	1.349	1.330		1.265	7.0
Acenaphthylene-d8	1.347	1.503	1.596	1.693	1.589		1.546	8.4
4-Nitrophenol-d4		0.182	0.224	0.265	0.273	0.269	0.243	16.1
Fluorene-d10	1.094	1.158	1.176	1.201	1.156		1.157	3.4
4,6-Dinitro-2-methylphenol-		0.049	0.057	0.073	0.084	0.095	0.072	26.6
Anthracene-d10	0.797	0.862	0.867	0.882	0.868		0.855	3.9
Pyrene-d10	0.906	0.947	1.029	1.052	1.031		0.993	6.3
Benzo(a)pyrene-d12	0.725	0.818	0.908	0.988	1.000		0.888	13.1
N-Nitroso-di-n-propylamine	1.000	1.069	1.146	1.134	1.140		1.098	5.7

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.: BN052024 SAS No.: BN052024 SDG NO.: BN052024

EPA Sample No.: SSTD020240 Date Analyzed: May 20 2024 12:00AM

Lab File ID: BN031523.D Time Analyzed: 09:35

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	308122	7.699	1.38066e+01	10.48	875214	14.33
	UPPER LIMIT	616244	8.199	2761320	10.981	1750428	14.834
	LOWER LIMIT	154061	7.199	690330	9.981	437607	13.834
	EPA SAMPLE NO.						
01	SBLK893	535463	7.69	2.37411e	10.48	1.56745e	14.33
02	MDL-WATER-QT2-2024-03	475145	7.69	2.1461e+	10.48	1.37325e	14.33
03	MDL-SOIL-QT2-2024-03	477196	7.69	2.12798e	10.48	1.36906e	14.33
04	MDL-MED-SOIL-QT2-2024-03	465889	7.69	2.07908e	10.48	1.34461e	14.33
05	SBLK896	518063	7.69	2.30302e	10.48	1.49672e	14.33
06	SBLK897	535331	7.69	2.41149e	10.48	1.56726e	14.33
07	SBLK987	476103	7.69	2.16397e	10.48	1.38993e	14.33
08	BH9Q4	565807	7.69	2.47536e	10.48	1.48286e	14.33
09	BH9Q3	553249	7.69	2.39642e	10.48	1.41967e	14.33
10	BH9X8	553221	7.70	2.4436e+	10.48	1.49796e	14.33
11	BH9P9	559217	7.70	2.42718e	10.48	1.50333e	14.33
12	BH9S2	558408	7.70	2.45125e	10.48	1.54477e	14.33
13	BH9S3	554858	7.70	2.39316e	10.48	1.37273e	14.33
14	BH9T2	528452	7.70	2.31067e	10.48	1.41643e	14.33
15	BH9T3	542489	7.70	2.39169e	10.48	1.4599e+	14.33
16	BH9P8	561660	7.70	2.47351e	10.48	1.55169e	14.33
17	BH9Q2	530450	7.70	2.35028e	10.48	1.45672e	14.33
18	BH9S4	533610	7.70	2.35265e	10.48	1.44257e	14.33
19	SLCS987	616245 *	7.69	2.73266e	10.48	1.68861e	14.33
20	SBLK987	669715 *	7.69	2.96053e *	10.48	1.8603e+ *	14.33
21	BH9S5	577663	7.69	2.55135e	10.48	1.60258e	14.33
22	BH9T0	595714	7.69	2.68452e	10.48	1.72451e	14.33
23	BH9T1	593499	7.69	2.60646e	10.48	1.61761e	14.33

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052024 SAS No.: BN052024 SDG NO.: BN052024

EPA Sample No.: SSTD020240 Date Analyzed: May 21 2024 12:00AM

Lab File ID: BN031523.D Time Analyzed: 04:27

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	308122	7.699	1.38066e+01	10.48	875214	14.33
UPPER LIMIT	616244	8.199	2761320	10.981	1750428	14.834
LOWER LIMIT	154061	7.199	690330	9.981	437607	13.834
EPA SAMPLE NO.						
24 BH9Q0	522229	7.69	2.32256e	10.48	1.47744e	14.33
25 BH9Q1	623308 *	7.69	2.7274e+	10.48	1.58719e	14.33
26 BH9S6	677519 *	7.69	3.01275e *	10.48	1.88392e *	14.33
27 BH9S7	581693	7.69	2.59333e	10.48	1.67261e	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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052024 SAS No.: BN052024 SDG NO.: BN052024

EPA Sample No.: SSTD020251 Date Analyzed: May 20 2024 12:00AM

Lab File ID: BN031563.D Time Analyzed: 09:35

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	523028	7.693	2.39924e+00	10.48	1.58417e+00	14.33
UPPER LIMIT	1046056	8.193	4798480	10.975	3168340	14.834
LOWER LIMIT	261514	7.193	1199620	9.975	792085	13.834
EPA SAMPLE NO.						
01 SBLK893	535463	7.69	2.37411e	10.48	1.56745e	14.33
02 MDL-WATER-QT2-2024-03	475145	7.69	2.1461e+	10.48	1.37325e	14.33
03 MDL-SOIL-QT2-2024-03	477196	7.69	2.12798e	10.48	1.36906e	14.33
04 MDL-MED-SOIL-QT2-2024-03	465889	7.69	2.07908e	10.48	1.34461e	14.33
05 SBLK896	518063	7.69	2.30302e	10.48	1.49672e	14.33
06 SBLK897	535331	7.69	2.41149e	10.48	1.56726e	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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052024 SAS No.: BN052024 SDG NO.: BN052024

EPA Sample No.: SSTD020252 Date Analyzed: May 20 2024 12:00AM

Lab File ID: BN031570.D Time Analyzed: 14:20

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	532968	7.693	2.39756e+00	10.48	1.51868e+00	14.33
UPPER LIMIT	1065936	8.193	4795120	10.975	3037360	14.828
LOWER LIMIT	266484	7.193	1198780	9.975	759340	13.828
EPA SAMPLE NO.						
01 SBLK987	476103	7.69	2.16397e	10.48	1.38993e	14.33
02 BH9Q4	565807	7.69	2.47536e	10.48	1.48286e	14.33
03 BH9Q3	553249	7.69	2.39642e	10.48	1.41967e	14.33
04 BH9X8	553221	7.70	2.4436e+	10.48	1.49796e	14.33
05 BH9P9	559217	7.70	2.42718e	10.48	1.50333e	14.33
06 BH9S2	558408	7.70	2.45125e	10.48	1.54477e	14.33
07 BH9S3	554858	7.70	2.39316e	10.48	1.37273e	14.33
08 BH9T2	528452	7.70	2.31067e	10.48	1.41643e	14.33
09 BH9T3	542489	7.70	2.39169e	10.48	1.4599e+	14.33
10 BH9P8	561660	7.70	2.47351e	10.48	1.55169e	14.33
11 BH9Q2	530450	7.70	2.35028e	10.48	1.45672e	14.33
12 BH9S4	533610	7.70	2.35265e	10.48	1.44257e	14.33
13 SLCS987	616245	7.69	2.73266e	10.48	1.68861e	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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052024 SAS No.: BN052024 SDG NO.: BN052024

EPA Sample No.: SSTD020253 Date Analyzed: May 21 2024 12:00AM

Lab File ID: BN031584.D Time Analyzed: 01:50

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	631263	7.693	2.66835e+00	10.48	1.49012e+00	14.33
UPPER LIMIT	1262526	8.193	5336700	10.981	2980240	14.834
LOWER LIMIT	315631.5	7.193	1334175	9.981	745060	13.834
EPA SAMPLE NO.						
01 SBLK987	669715	7.69	2.96053e	10.48	1.8603e+	14.33
02 BH9S5	577663	7.69	2.55135e	10.48	1.60258e	14.33
03 BH9T0	595714	7.69	2.68452e	10.48	1.72451e	14.33
04 BH9T1	593499	7.69	2.60646e	10.48	1.61761e	14.33
05 BH9Q0	522229	7.69	2.32256e	10.48	1.47744e	14.33
06 BH9Q1	623308	7.69	2.7274e+	10.48	1.58719e	14.33
07 BH9S6	677519	7.69	3.01275e	10.48	1.88392e	14.33
08 BH9S7	581693	7.69	2.59333e	10.48	1.67261e	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.: BN052024 SAS No.: BN052024 SDG NO.: BN052024

EPA Sample No.: SSTD020240 Date Analyzed: May 20 2024 12:00AM

Lab File ID: BN031523.D Time Analyzed: 09:35

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	1.82365e+0	17.081	1.8272e+0	21.31	2.04303e+0	24.251
	UPPER LIMIT	3647300	17.581	3654400	21.81	4086060	24.751
	LOWER LIMIT	911825	16.581	913600	20.81	1021515	23.751
	EPA SAMPLE NO.						
01	SBLK893	3.24877	17.07	2.70368e+	21.30	2.56553e+	24.24
02	MDL-WATER-QT2-2024-03	2.87403	17.07	2.4387e+0	21.30	2.00632e+	24.24
03	MDL-SOIL-QT2-2024-03	2.8219e	17.08	2.40911e+	21.30	2.02192e+	24.24
04	MDL-MED-SOIL-QT2-2024-03	2.80621	17.08	2.3728e+0	21.30	1.95177e+	24.23
05	SBLK896	3.05356	17.08	2.47203e+	21.30	2.09216e+	24.23
06	SBLK897	3.12982	17.08	2.07142e+	21.30	1.8481e+0	24.23
07	SBLK987	2.85161	17.08	2.24653e+	21.30	1.87996e+	24.23
08	BH9Q4	2.50715	17.08	1.56221e+	21.30	1.75664e+	24.24
09	BH9Q3	2.49354	17.08	1.45635e+	21.30	1.60205e+	24.25
10	BH9X8	2.88988	17.08	1.68215e+	21.30	1.68124e+	24.24
11	BH9P9	2.82647	17.07	1.66156e+	21.30	1.70456e+	24.24
12	BH9S2	2.87139	17.08	1.71264e+	21.30	1.69093e+	24.24
13	BH9S3	2.3047e	17.08	1.65906e+	21.30	1.92884e+	24.24
14	BH9T2	2.67302	17.08	1.57175e+	21.30	1.60376e+	24.23
15	BH9T3	2.82146	17.08	1.72189e+	21.30	1.71321e+	24.24
16	BH9P8	2.99792	17.07	1.82873e+	21.30	1.71305e+	24.23
17	BH9Q2	2.88418	17.07	1.78566e+	21.30	1.7169e+0	24.24
18	BH9S4	2.8248e	17.08	1.64996e+	21.30	1.58451e+	24.23
19	SLCS987	3.34104	17.08	2.06698e+	21.30	1.93278e+	24.24
20	SBLK987	3.50524	17.08	2.0967e+0	21.30	2.20732e+	24.24
21	BH9S5	3.04744	17.08	1.88036e+	21.30	1.85099e+	24.23

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052024 SAS No.: BN052024 SDG NO.: BN052024

EPA Sample No.: SSTD020240 Date Analyzed: May 21 2024 12:00AM

Lab File ID: BN031523.D Time Analyzed: 03:09

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	1.82365e+01	17.081	1.8272e+01	21.31	2.04303e+01	24.251
UPPER LIMIT	3647300	17.581	3654400	21.81	4086060	24.751
LOWER LIMIT	911825	16.581	913600	20.81	1021515	23.751
EPA SAMPLE NO.						
22 BH9T0	3.28006	17.08	2.05322e+	21.30	1.98557e+	24.23
23 BH9T1	3.10559	17.08	1.80597e+	21.30	1.91542e+	24.24
24 BH9Q0	2.97321	17.08	1.94419e+	21.30	1.70655e+	24.23
25 BH9Q1	2.72337	17.08	1.96122e+	21.30	2.23407e+	24.23
26 BH9S6	3.6366e	17.08	2.16298e+	21.30	2.23208e+	24.23
27 BH9S7	3.24287	17.07	2.05529e+	21.30	1.95881e+	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.: BN052024 SAS No.: BN052024 SDG NO.: BN052024

EPA Sample No.: SSTD020251 Date Analyzed: May 20 2024 12:00AM

Lab File ID: BN031563.D Time Analyzed: 09:35

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	3.29614e+01	17.075	2.83907e+	21.304	2.65635e+01	24.239
UPPER LIMIT	6592280	17.575	5678140	21.804	5312700	24.739
LOWER LIMIT	1648070	16.575	1419535	20.804	1328175	23.739
EPA SAMPLE NO.						
01 SBLK893	3.24877	17.07	2.70368e+	21.30	2.56553e+	24.24
02 MDL-WATER-QT2-2024-03	2.87403	17.07	2.4387e+0	21.30	2.00632e+	24.24
03 MDL-SOIL-QT2-2024-03	2.8219e	17.08	2.40911e+	21.30	2.02192e+	24.24
04 MDL-MED-SOIL-QT2-2024-03	2.80621	17.08	2.3728e+0	21.30	1.95177e+	24.23
05 SBLK896	3.05356	17.08	2.47203e+	21.30	2.09216e+	24.23
06 SBLK897	3.12982	17.08	2.07142e+	21.30	1.8481e+0	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.: BN052024 SAS No.: BN052024 SDG NO.: BN052024

EPA Sample No.: SSTD020252 Date Analyzed: May 20 2024 12:00AM

Lab File ID: BN031570.D Time Analyzed: 14:20

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	2.78439e+01	17.074	1.85359e+	21.304	1.80206e+01	24.233
UPPER LIMIT	5568780	17.574	3707180	21.804	3604120	24.733
LOWER LIMIT	1392195	16.574	926795	20.804	901030	23.733
EPA SAMPLE NO.						
01 SBLK987	2.85161	17.08	2.24653e+	21.30	1.87996e+	24.23
02 BH9Q4	2.50715	17.08	1.56221e+	21.30	1.75664e+	24.24
03 BH9Q3	2.49354	17.08	1.45635e+	21.30	1.60205e+	24.25
04 BH9X8	2.88988	17.08	1.68215e+	21.30	1.68124e+	24.24
05 BH9P9	2.82647	17.07	1.66156e+	21.30	1.70456e+	24.24
06 BH9S2	2.87139	17.08	1.71264e+	21.30	1.69093e+	24.24
07 BH9S3	2.3047e	17.08	1.65906e+	21.30	1.92884e+	24.24
08 BH9T2	2.67302	17.08	1.57175e+	21.30	1.60376e+	24.23
09 BH9T3	2.82146	17.08	1.72189e+	21.30	1.71321e+	24.24
10 BH9P8	2.99792	17.07	1.82873e+	21.30	1.71305e+	24.23
11 BH9Q2	2.88418	17.07	1.78566e+	21.30	1.7169e+0	24.24
12 BH9S4	2.8248e	17.08	1.64996e+	21.30	1.58451e+	24.23
13 SLCS987	3.34104	17.08	2.06698e+	21.30	1.93278e+	24.24

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052024 SAS No.: BN052024 SDG NO.: BN052024

EPA Sample No.: SSTD020253 Date Analyzed: May 21 2024 12:00AM

Lab File ID: BN031584.D Time Analyzed: 01:50

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	2.53629e+01	17.075	1.9959e+0	21.304	2.28599e+01	24.239
UPPER LIMIT	5072580	17.575	3991800	21.804	4571980	24.739
LOWER LIMIT	1268145	16.575	997950	20.804	1142995	23.739
EPA SAMPLE NO.						
01 SBLK987	3.50524	17.08	2.0967e+0	21.30	2.20732e+	24.24
02 BH9S5	3.04744	17.08	1.88036e+	21.30	1.85099e+	24.23
03 BH9T0	3.28006	17.08	2.05322e+	21.30	1.98557e+	24.23
04 BH9T1	3.10559	17.08	1.80597e+	21.30	1.91542e+	24.24
05 BH9Q0	2.97321	17.08	1.94419e+	21.30	1.70655e+	24.23
06 BH9Q1	2.72337	17.08	1.96122e+	21.30	2.23407e+	24.23
07 BH9S6	3.6366e	17.08	2.16298e+	21.30	2.23208e+	24.23
08 BH9S7	3.24287	17.07	2.05529e+	21.30	1.95881e+	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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN052024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB160987BS	1,4-Dioxane	530	390	ug/Kg	74				0	0	
	Benzaldehyde	1300	1300	ug/Kg	100				0	0	
	Pyridine	1300	940	ug/Kg	72				0	0	
	Phenol	1300	1100	ug/Kg	85				0	0	
	Bis(2-chloroethyl)ether	1300	990	ug/Kg	76				0	0	
	2-Chlorophenol	1300	1100	ug/Kg	85				0	0	
	2-Methylphenol	1300	1100	ug/Kg	85				0	0	
	2,2-oxybis(1-Chloropropane)	1300	910	ug/Kg	70				0	0	
	Acetophenone	1300	1000	ug/Kg	77				0	0	
	4-Methylphenol	1300	1100	ug/Kg	85				0	0	
	N-Nitroso-di-n-propylamine	1300	1000	ug/Kg	77				0	0	
	Hexachloroethane	1300	1000	ug/Kg	77				0	0	
	Nitrobenzene	1300	1000	ug/Kg	77				0	0	
	Isophorone	1300	1100	ug/Kg	85				0	0	
	2-Nitrophenol	1300	1500	ug/Kg	115				0	0	
	2,4-Dimethylphenol	1300	1000	ug/Kg	77				0	0	
	Bis(2-chloroethoxy)methane	1300	1000	ug/Kg	77				0	0	
	2,4-Dichlorophenol	1300	1200	ug/Kg	92				0	0	
	Naphthalene	1300	980	ug/Kg	75				0	0	
	4-Chloroaniline	1300	940	ug/Kg	72				0	0	
	Hexachlorobutadiene	1300	1000	ug/Kg	77				0	0	
	Caprolactam	1300	1200	ug/Kg	92				0	0	
	4-Chloro-3-methylphenol	1300	1200	ug/Kg	92				0	0	
	1-Methylnaphthalene	1300	1000	ug/Kg	77				0	0	
	2-Methylnaphthalene	1300	1000	ug/Kg	77				0	0	
	Hexachlorocyclopentadiene	1300	880	ug/Kg	68				0	0	
	2,4,6-Trichlorophenol	1300	1400	ug/Kg	108				0	0	
	2,4,5-Trichlorophenol	1300	1300	ug/Kg	100				0	0	
	1,1'-Biphenyl	1300	1000	ug/Kg	77				0	0	
	2-Chloronaphthalene	1300	1000	ug/Kg	77				0	0	
	2-Nitroaniline	1300	1200	ug/Kg	92				0	0	
	Dimethylphthalate	1300	1000	ug/Kg	77				0	0	
	2,6-Dinitrotoluene	1300	1300	ug/Kg	100				0	0	
	Acenaphthylene	1300	990	ug/Kg	76				0	0	
	3-Nitroaniline	1300	1300	ug/Kg	100				0	0	
	Acenaphthene	1300	960	ug/Kg	74				0	0	
	2,4-Dinitrophenol	1300	1200	ug/Kg	92				0	0	
	4-Nitrophenol	1300	1000	ug/Kg	77				0	0	
	Dibenzofuran	1300	990	ug/Kg	76				0	0	
	2,4-Dinitrotoluene	1300	1300	ug/Kg	100				0	0	
	Diethylphthalate	1300	1100	ug/Kg	85				0	0	
	Fluorene	1300	970	ug/Kg	75				0	0	
	4-Chlorophenyl-phenylether	1300	970	ug/Kg	75				0	0	
	4-Nitroaniline	1300	1300	ug/Kg	100				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BN052024

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB160987BS	4,6-Dinitro-2-methylphenol	1300	1200	ug/Kg	92				0	0		
	N-Nitrosodiphenylamine	1300	1100	ug/Kg	85				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0		
	4-Bromophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	Hexachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Atrazine	1300	1200	ug/Kg	92				0	0		
	Pentachlorophenol	1300	1200	ug/Kg	92				0	0		
	Phenanthrene	1300	970	ug/Kg	75				0	0		
	Pentachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Anthracene	1300	970	ug/Kg	75				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Carbazole	1300	980	ug/Kg	75				0	0		
	Di-n-butylphthalate	1300	1200	ug/Kg	92				0	0		
	Fluoranthene	1300	1500	ug/Kg	115				0	0		
	Pyrene	1300	1400	ug/Kg	108				0	0		
	Butylbenzylphthalate	1300	1900	ug/Kg	146				0	0		
	3,3'-Dichlorobenzidine	1300	1100	ug/Kg	85				0	0		
	Benzo(a)anthracene	1300	1100	ug/Kg	85				0	0		
	Chrysene	1300	1000	ug/Kg	77				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1600	ug/Kg	123				0	0		
	Di-n-octylphthalate	1300	1700	ug/Kg	131				0	0		
	Benzo(b)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(k)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(a)pyrene	1300	970	ug/Kg	75				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1200	ug/Kg	92				0	0		
	Dibenzo(a,h)anthracene	1300	1100	ug/Kg	85				0	0		
	Benzo(g,h,i)perylene	1300	1100	ug/Kg	85				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1400	ug/Kg	108				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK893

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN052024

SAS No.: BN052024 SDG NO.: BN052024

Lab File ID: BN031564.D

Lab Sample ID: PB160893BL

Instrument ID: BNA_N

Date Extracted: 05/13/2024

Matrix: (soil/water) Water

Date Analyzed: 05/20/2024

Level: (low/med) LOW

Time Analyzed: 09:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT2-2024-03	P2409-01	BN031565.D	05/20/2024

COMMENTS: _____



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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK896

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN052024

SAS No.: BN052024 SDG NO.: BN052024

Lab File ID: BN031568.D

Lab Sample ID: PB160896BL

Instrument ID: BNA_N

Date Extracted: 05/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/20/2024

Level: (low/med) LOW

Time Analyzed: 12:18

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT2-2024-03	P2409-03	BN031566.D	05/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK897

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN052024

SAS No.: BN052024 SDG NO.: BN052024

Lab File ID: BN031569.D

Lab Sample ID: PB160897BL

Instrument ID: BNA_N

Date Extracted: 05/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/20/2024

Level: (low/med) MED

Time Analyzed: 12:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-MED-SOIL-QT2-2024-03	P2409-05	BN031567.D	05/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK987

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN052024

SAS No.: BN052024 SDG NO.: BN052024

Lab File ID: BN031571.D

Lab Sample ID: PB160987BL

Instrument ID: BNA_N

Date Extracted: 05/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/20/2024

Level: (low/med) LOW

Time Analyzed: 14:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH9S5	P2484-17	BN031586.D	05/21/2024
BH9T0	P2484-18	BN031587.D	05/21/2024
BH9T1	P2484-19	BN031588.D	05/21/2024
BH9Q0	P2484-21	BN031589.D	05/21/2024
BH9Q1	P2484-22	BN031590.D	05/21/2024
BH9S6	P2484-23	BN031591.D	05/21/2024
BH9S7	P2484-24	BN031592.D	05/21/2024
BH9Q4	P2484-13	BN031572.D	05/20/2024
BH9Q3	P2484-02	BN031573.D	05/20/2024
BH9X8	P2484-07	BN031574.D	05/20/2024
BH9P9	P2484-11	BN031575.D	05/20/2024
BH9S2	P2484-03	BN031576.D	05/20/2024
BH9S3	P2484-04	BN031577.D	05/20/2024
BH9T2	P2484-05	BN031578.D	05/20/2024
BH9T3	P2484-06	BN031579.D	05/20/2024
BH9P8	P2484-01	BN031580.D	05/20/2024
BH9Q2	P2484-12	BN031581.D	05/20/2024
BH9S4	P2484-16	BN031582.D	05/20/2024
PB160987BS	PB160987BS	BN031583.D	05/20/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN052024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-01	MDL-WATER-QT2BN031565.D		1,4-Dioxane-d8	8	5.42	68		15	120
			Pyridine-d5	40	25.59	64		20	120
			Phenol-d5	40	25.58	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.90	65		25	120
			2-Chlorophenol-d4	40	27.66	69		20	130
			4-Methylphenol-d8	40	25.26	63		25	125
			Nitrobenzene-d5	40	28.12	70		20	125
			2-Nitrophenol-d4	40	30.21	76		20	130
			2,4-Dichlorophenol-d3	40	26.74	67		20	120
			4-Chloroaniline-d4	40	24.58	61		1	146
			Dimethylphthalate-d6	40	26.85	67		25	130
			Acenaphthylene-d8	40	26.54	66		10	130
			4-Nitrophenol-d4	40	24.14	60		10	150
			Fluorene-d10	40	26.10	65		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.60	54		10	130
			Anthracene-d10	40	23.71	59		25	130
			Pyrene-d10	40	29.47	74		15	130
			Benzo(a)pyrene-d12	40	28.25	71		20	130
PB160893BL	PB160893BL	BN031564.D	Pyridine-d5	40	26.16	65		20	120
			1,4-Dioxane-d8	8	5.45	68		15	120
			Phenol-d5	40	27.45	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.93	70		25	120
			2-Chlorophenol-d4	40	30.71	77		20	130
			4-Methylphenol-d8	40	28.14	70		25	125
			Nitrobenzene-d5	40	31.30	78		20	125
			2-Nitrophenol-d4	40	34.02	85		20	130
			2,4-Dichlorophenol-d3	40	29.00	73		20	120
			4-Chloroaniline-d4	40	28.36	71		1	146
			Dimethylphthalate-d6	40	31.42	79		25	130
			Acenaphthylene-d8	40	29.35	73		10	130
			4-Nitrophenol-d4	40	25.03	63		10	150
			Fluorene-d10	40	28.85	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.08	58		10	130
			Anthracene-d10	40	29.31	73		25	130
			Pyrene-d10	40	34.36	86		15	130
			Benzo(a)pyrene-d12	40	32.78	82		20	130

Surrogate Summary

SW-846

SDG No.: BN052024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-03	MDL-SOIL-QT2-2(BN031566.D		1,4-Dioxane-d8	8	5.29	66		15	120
			Pyridine-d5	40	25.14	63		20	120
			Phenol-d5	40	25.39	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.93	62		10	150
			2-Chlorophenol-d4	40	27.09	68		15	120
			4-Methylphenol-d8	40	24.99	62		10	140
			Nitrobenzene-d5	40	28.15	70		10	135
			2-Nitrophenol-d4	40	30.08	75		10	120
			2,4-Dichlorophenol-d3	40	26.33	66		10	140
			4-Chloroaniline-d4	40	24.05	60		1	145
			Dimethylphthalate-d6	40	26.46	66		10	145
			Acenaphthylene-d8	40	25.90	65		15	120
			4-Nitrophenol-d4	40	23.78	59		10	150
			Fluorene-d10	40	26.35	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.61	54		10	130
			Anthracene-d10	40	24.24	61		10	150
			Pyrene-d10	40	28.92	72		10	130
			Benzo(a)pyrene-d12	40	27.85	70		10	140
PB160896BL	PB160896BL	BN031568.D	1,4-Dioxane-d8	8	4.95	62		15	120
			Pyridine-d5	40	23.95	60		20	120
			Phenol-d5	40	24.83	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.03	63		10	150
			2-Chlorophenol-d4	40	27.90	70		15	120
			4-Methylphenol-d8	40	25.62	64		10	140
			Nitrobenzene-d5	40	27.86	70		10	135
			2-Nitrophenol-d4	40	30.09	75		10	120
			2,4-Dichlorophenol-d3	40	26.32	66		10	140
			4-Chloroaniline-d4	40	25.35	63		1	145
			Dimethylphthalate-d6	40	27.96	70		10	145
			Acenaphthylene-d8	40	27.00	68		15	120
			4-Nitrophenol-d4	40	22.05	55		10	150
			Fluorene-d10	40	27.01	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.15	50		10	130
			Anthracene-d10	40	27.00	67		10	150
			Pyrene-d10	40	31.85	80		10	130
			Benzo(a)pyrene-d12	40	28.73	72		10	140

Surrogate Summary

SW-846

SDG No.: BN052024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-05	MDL-MED-SOIL-(BN031567.D		Pyridine-d5	40	25.84	65		20	120
			1,4-Dioxane-d8	8	5.37	67		15	120
			Phenol-d5	40	25.73	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.41	64		10	150
			2-Chlorophenol-d4	40	27.32	68		15	120
			4-Methylphenol-d8	40	24.95	62		10	140
			Nitrobenzene-d5	40	28.01	70		10	135
			2-Nitrophenol-d4	40	30.25	76		10	120
			2,4-Dichlorophenol-d3	40	26.47	66		10	140
			4-Chloroaniline-d4	40	24.33	61		1	145
			Dimethylphthalate-d6	40	26.99	67		10	145
			Acenaphthylene-d8	40	26.32	66		15	120
			4-Nitrophenol-d4	40	23.75	59		10	150
			Fluorene-d10	40	26.11	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.38	53		10	130
			Anthracene-d10	40	23.71	59		10	150
			Pyrene-d10	40	28.98	72		10	130
			Benzo(a)pyrene-d12	40	27.69	69		10	140
PB160897BL	PB160897BL	BN031569.D	1,4-Dioxane-d8	8	5.22	65		15	120
			Pyridine-d5	40	24.97	62		20	120
			Phenol-d5	40	25.96	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.83	67		10	150
			2-Chlorophenol-d4	40	29.04	73		15	120
			4-Methylphenol-d8	40	26.87	67		10	140
			Nitrobenzene-d5	40	28.86	72		10	135
			2-Nitrophenol-d4	40	31.18	78		10	120
			2,4-Dichlorophenol-d3	40	27.13	68		10	140
			4-Chloroaniline-d4	40	26.30	66		1	145
			Dimethylphthalate-d6	40	28.94	72		10	145
			Acenaphthylene-d8	40	27.62	69		15	120
			4-Nitrophenol-d4	40	22.66	57		10	150
			Fluorene-d10	40	27.25	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.88	50		10	130
			Anthracene-d10	40	27.68	69		10	150
			Pyrene-d10	40	37.07	93		10	130
			Benzo(a)pyrene-d12	40	29.42	74		10	140

Surrogate Summary

SW-846

SDG No.: BN052024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2484-01	BH9P8	BN031580.D	1,4-Dioxane-d8	8	4.10	51		15	120
			Pyridine-d5	40	12.32	31		20	120
			Phenol-d5	40	24.41	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.76	57		10	150
			2-Chlorophenol-d4	40	27.41	69		15	120
			4-Methylphenol-d8	40	21.25	53		10	140
			Nitrobenzene-d5	40	27.35	68		10	135
			2-Nitrophenol-d4	40	33.92	85		10	120
			2,4-Dichlorophenol-d3	40	26.79	67		10	140
			4-Chloroaniline-d4	40	20.16	50		1	145
			Dimethylphthalate-d6	40	26.50	66		10	145
			Acenaphthylene-d8	40	25.27	63		15	120
			4-Nitrophenol-d4	40	22.04	55		10	150
			Fluorene-d10	40	24.92	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.87	47		10	130
			Anthracene-d10	40	25.94	65		10	150
			Pyrene-d10	40	38.18	95		10	130
			Benzo(a)pyrene-d12	40	29.66	74		10	140
P2484-02	BH9Q3	BN031573.D	1,4-Dioxane-d8	8	4.62	58		15	120
			Pyridine-d5	40	21.78	54		20	120
			Phenol-d5	40	25.99	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.45	61		10	150
			2-Chlorophenol-d4	40	28.96	72		15	120
			4-Methylphenol-d8	40	26.74	67		10	140
			Nitrobenzene-d5	40	29.27	73		10	135
			2-Nitrophenol-d4	40	34.78	87		10	120
			2,4-Dichlorophenol-d3	40	28.71	72		10	140
			4-Chloroaniline-d4	40	24.93	62		1	145
			Dimethylphthalate-d6	40	28.22	71		10	145
			Acenaphthylene-d8	40	26.97	67		15	120
			4-Nitrophenol-d4	40	18.73	47		10	150
			Fluorene-d10	40	25.84	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.88	37		10	130
			Anthracene-d10	40	27.13	68		10	150
			Pyrene-d10	40	35.92	90		10	130
			Benzo(a)pyrene-d12	40	29.53	74		10	140
P2484-03	BH9S2	BN031576.D	1,4-Dioxane-d8	8	3.67	46		15	120
			Pyridine-d5	40	15.99	40		20	120
			Phenol-d5	40	22.94	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.57	54		10	150
			2-Chlorophenol-d4	40	25.74	64		15	120
			4-Methylphenol-d8	40	24.81	62		10	140
			Nitrobenzene-d5	40	26.41	66		10	135
			2-Nitrophenol-d4	40	32.50	81		10	120
			2,4-Dichlorophenol-d3	40	25.88	65		10	140
			4-Chloroaniline-d4	40	24.29	61		1	145
			Dimethylphthalate-d6	40	26.51	66		10	145
			Acenaphthylene-d8	40	25.81	65		15	120
			4-Nitrophenol-d4	40	20.24	51		10	150

Surrogate Summary

SW-846

SDG No.: BN052024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2484-03	BH9S2	BN031576.D	Fluorene-d10	40	24.40	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.16	40		10	130
			Anthracene-d10	40	26.51	66		10	150
			Pyrene-d10	40	36.84	92		10	130
			Benzo(a)pyrene-d12	40	27.81	70		10	140
P2484-04	BH9S3	BN031577.D	1,4-Dioxane-d8	8	3.60	45		15	120
			Pyridine-d5	40	16.69	42		20	120
			Phenol-d5	40	21.77	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.45	51		10	150
			2-Chlorophenol-d4	40	24.44	61		15	120
			4-Methylphenol-d8	40	22.74	57		10	140
			Nitrobenzene-d5	40	24.97	62		10	135
			2-Nitrophenol-d4	40	29.88	75		10	120
			2,4-Dichlorophenol-d3	40	24.53	61		10	140
			4-Chloroaniline-d4	40	22.10	55		1	145
			Dimethylphthalate-d6	40	26.07	65		10	145
			Acenaphthylene-d8	40	24.46	61		15	120
			4-Nitrophenol-d4	40	17.30	43		10	150
			Fluorene-d10	40	22.87	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.97	40		10	130
			Anthracene-d10	40	24.93	62		10	150
			Pyrene-d10	40	29.98	75		10	130
			Benzo(a)pyrene-d12	40	26.78	67		10	140
			1,4-Dioxane-d8	8	6.04	76		15	120
			Pyridine-d5	40	30.25	76		20	120
P2484-05	BH9T2	BN031578.D	Phenol-d5	40	38.05	95		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.95	87		10	150
			2-Chlorophenol-d4	40	42.09	105		15	120
			4-Methylphenol-d8	40	40.39	101		10	140
			Nitrobenzene-d5	40	44.11	110		10	135
			2-Nitrophenol-d4	40	55.82	140	*	10	120
			2,4-Dichlorophenol-d3	40	43.74	109		10	140
			4-Chloroaniline-d4	40	38.10	95		1	145
			Dimethylphthalate-d6	40	42.80	107		10	145
			Acenaphthylene-d8	40	42.18	105		15	120
			4-Nitrophenol-d4	40	36.18	90		10	150
			Fluorene-d10	40	39.50	99		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.71	79		10	130
			Anthracene-d10	40	41.20	103		10	150
			Pyrene-d10	40	55.19	138	*	10	130
			Benzo(a)pyrene-d12	40	43.93	110		10	140
P2484-06	BH9T3	BN031579.D	1,4-Dioxane-d8	8	5.21	65		15	120
			Pyridine-d5	40	18.85	47		20	120
			Phenol-d5	40	32.26	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.84	77		10	150
			2-Chlorophenol-d4	40	36.73	92		15	120
			4-Methylphenol-d8	40	34.75	87		10	140
			Nitrobenzene-d5	40	38.69	97		10	135
			2-Nitrophenol-d4	40	49.47	124	*	10	120

Surrogate Summary

SW-846

SDG No.: BN052024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2484-06	BH9T3	BN031579.D	2,4-Dichlorophenol-d3	40	37.49	94		10	140
			4-Chloroaniline-d4	40	33.38	83		1	145
			Dimethylphthalate-d6	40	38.75	97		10	145
			Acenaphthylene-d8	40	37.70	94		15	120
			4-Nitrophenol-d4	40	29.74	74		10	150
			Fluorene-d10	40	36.13	90		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.82	65		10	130
			Anthracene-d10	40	37.57	94		10	150
			Pyrene-d10	40	51.33	128		10	130
			Benzo(a)pyrene-d12	40	39.38	98		10	140
P2484-07	BH9X8	BN031574.D	1,4-Dioxane-d8	8	4.10	51		15	120
			Pyridine-d5	40	10.90	27		20	120
			Phenol-d5	40	24.41	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.30	58		10	150
			2-Chlorophenol-d4	40	27.70	69		15	120
			4-Methylphenol-d8	40	17.34	43		10	140
			Nitrobenzene-d5	40	28.34	71		10	135
			2-Nitrophenol-d4	40	33.62	84		10	120
			2,4-Dichlorophenol-d3	40	26.78	67		10	140
			4-Chloroaniline-d4	40	21.58	54		1	145
			Dimethylphthalate-d6	40	28.10	70		10	145
			Acenaphthylene-d8	40	26.93	67		15	120
			4-Nitrophenol-d4	40	20.43	51		10	150
			Fluorene-d10	40	25.73	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.85	40		10	130
			Anthracene-d10	40	26.87	67		10	150
			Pyrene-d10	40	39.55	99		10	130
			Benzo(a)pyrene-d12	40	30.11	75		10	140
P2484-11	BH9P9	BN031575.D	1,4-Dioxane-d8	8	3.30	41		15	120
			Pyridine-d5	40	16.80	42		20	120
			Phenol-d5	40	21.22	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.42	49		10	150
			2-Chlorophenol-d4	40	23.38	58		15	120
			4-Methylphenol-d8	40	22.32	56		10	140
			Nitrobenzene-d5	40	24.14	60		10	135
			2-Nitrophenol-d4	40	29.21	73		10	120
			2,4-Dichlorophenol-d3	40	24.30	61		10	140
			4-Chloroaniline-d4	40	21.74	54		1	145
			Dimethylphthalate-d6	40	24.58	61		10	145
			Acenaphthylene-d8	40	23.64	59		15	120
			4-Nitrophenol-d4	40	18.19	45		10	150
			Fluorene-d10	40	22.72	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.30	36		10	130
			Anthracene-d10	40	23.46	59		10	150
			Pyrene-d10	40	32.82	82		10	130
			Benzo(a)pyrene-d12	40	25.03	63		10	140
P2484-12	BH9Q2	BN031581.D	1,4-Dioxane-d8	8	4.58	57		15	120
			Pyridine-d5	40	15.03	38		20	120
			Phenol-d5	40	27.18	68		10	130

Surrogate Summary

SW-846

SDG No.: BN052024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2484-12	BH9Q2	BN031581.D	Bis(2-Chloroethyl)ether-d8	40	25.40	63		10	150
			2-Chlorophenol-d4	40	29.74	74		15	120
			4-Methylphenol-d8	40	29.20	73		10	140
			Nitrobenzene-d5	40	30.81	77		10	135
			2-Nitrophenol-d4	40	35.32	88		10	120
			2,4-Dichlorophenol-d3	40	30.21	76		10	140
			4-Chloroaniline-d4	40	27.95	70		1	145
			Dimethylphthalate-d6	40	31.41	79		10	145
			Acenaphthylene-d8	40	30.73	77		15	120
			4-Nitrophenol-d4	40	17.83	45		10	150
			Fluorene-d10	40	29.86	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.31	26		10	130
			Anthracene-d10	40	30.65	77		10	150
			Pyrene-d10	40	42.39	106		10	130
			Benzo(a)pyrene-d12	40	32.36	81		10	140
P2484-13	BH9Q4	BN031572.D	Pyridine-d5	40	19.43	49		20	120
			1,4-Dioxane-d8	8	5.54	69		15	120
			Phenol-d5	40	36.08	90		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.55	81		10	150
			2-Chlorophenol-d4	40	38.57	96		15	120
			4-Methylphenol-d8	40	35.39	88		10	140
			Nitrobenzene-d5	40	38.51	96		10	135
			2-Nitrophenol-d4	40	45.87	115		10	120
			2,4-Dichlorophenol-d3	40	39.29	98		10	140
			4-Chloroaniline-d4	40	9.85	25		1	145
			Dimethylphthalate-d6	40	37.67	94		10	145
			Acenaphthylene-d8	40	37.09	93		15	120
			4-Nitrophenol-d4	40	23.75	59		10	150
			Fluorene-d10	40	35.11	88		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.50	69		10	130
			Anthracene-d10	40	37.83	95		10	150
P2484-16	BH9S4	BN031582.D	Pyrene-d10	40	46.12	115		10	130
			Benzo(a)pyrene-d12	40	39.77	99		10	140
			1,4-Dioxane-d8	8	5.14	64		15	120
			Pyridine-d5	40	22.24	56		20	120
			Phenol-d5	40	30.61	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.34	71		10	150
			2-Chlorophenol-d4	40	33.76	84		15	120
			4-Methylphenol-d8	40	32.80	82		10	140
			Nitrobenzene-d5	40	35.74	89		10	135
			2-Nitrophenol-d4	40	43.51	109		10	120
			2,4-Dichlorophenol-d3	40	34.33	86		10	140
			4-Chloroaniline-d4	40	31.06	78		1	145
			Dimethylphthalate-d6	40	35.44	89		10	145
			Acenaphthylene-d8	40	34.12	85		15	120
			4-Nitrophenol-d4	40	28.69	72		10	150
			Fluorene-d10	40	32.56	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.55	59		10	130
			Anthracene-d10	40	32.94	82		10	150

Surrogate Summary

SW-846

SDG No.: BN052024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2484-16	BH9S4	BN031582.D	Pyrene-d10	40	46.29	116		10	130
			Benzo(a)pyrene-d12	40	37.06	93		10	140
P2484-17	BH9S5	BN031586.D	1,4-Dioxane-d8	8	5.45	68		15	120
			Pyridine-d5	40	24.86	62		20	120
			Phenol-d5	40	31.19	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.54	71		10	150
			2-Chlorophenol-d4	40	34.19	85		15	120
			4-Methylphenol-d8	40	32.66	82		10	140
			Nitrobenzene-d5	40	36.33	91		10	135
			2-Nitrophenol-d4	40	45.85	115		10	120
			2,4-Dichlorophenol-d3	40	34.91	87		10	140
			4-Chloroaniline-d4	40	31.46	79		1	145
			Dimethylphthalate-d6	40	35.34	88		10	145
			Acenaphthylene-d8	40	34.36	86		15	120
			4-Nitrophenol-d4	40	31.24	78		10	150
			Fluorene-d10	40	32.94	82		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.05	73		10	130
			Anthracene-d10	40	34.21	86		10	150
			Pyrene-d10	40	45.98	115		10	130
			Benzo(a)pyrene-d12	40	37.35	93		10	140
P2484-18	BH9T0	BN031587.D	1,4-Dioxane-d8	8	3.81	48		15	120
			Pyridine-d5	40	15.09	38		20	120
			Phenol-d5	40	19.48	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.19	53		10	150
			2-Chlorophenol-d4	40	19.25	48		15	120
			4-Methylphenol-d8	40	22.14	55		10	140
			Nitrobenzene-d5	40	26.07	65		10	135
			2-Nitrophenol-d4	40	8.31	21		10	120
			2,4-Dichlorophenol-d3	40	14.70	37		10	140
			4-Chloroaniline-d4	40	23.53	59		1	145
			Dimethylphthalate-d6	40	25.78	64		10	145
			Acenaphthylene-d8	40	25.38	63		15	120
			4-Nitrophenol-d4	40	1.47	4	*	10	150
			Fluorene-d10	40	24.83	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.21	1	*	10	130
			Anthracene-d10	40	25.83	65		10	150
			Pyrene-d10	40	36.23	91		10	130
			Benzo(a)pyrene-d12	40	27.51	69		10	140
P2484-19	BH9T1	BN031588.D	1,4-Dioxane-d8	8	4.23	53		15	120
			Pyridine-d5	40	17.55	44		20	120
			Phenol-d5	40	25.03	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.12	58		10	150
			2-Chlorophenol-d4	40	28.05	70		15	120
			4-Methylphenol-d8	40	26.50	66		10	140
			Nitrobenzene-d5	40	29.13	73		10	135
			2-Nitrophenol-d4	40	35.94	90		10	120
			2,4-Dichlorophenol-d3	40	28.16	70		10	140
			4-Chloroaniline-d4	40	25.83	65		1	145
			Dimethylphthalate-d6	40	28.75	72		10	145

Surrogate Summary

SW-846

SDG No.: **BN052024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2484-19	BH9T1	BN031588.D	Acenaphthylene-d8	40	28.26	71		15	120
			4-Nitrophenol-d4	40	22.72	57		10	150
			Fluorene-d10	40	26.65	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.61	49		10	130
			Anthracene-d10	40	27.70	69		10	150
			Pyrene-d10	40	37.94	95		10	130
			Benzo(a)pyrene-d12	40	29.33	73		10	140
P2484-21	BH9Q0	BN031589.D	1,4-Dioxane-d8	8	4.09	51		15	120
			Pyridine-d5	40	11.99	30		20	120
			Phenol-d5	40	25.37	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.36	58		10	150
			2-Chlorophenol-d4	40	28.31	71		15	120
			4-Methylphenol-d8	40	22.64	57		10	140
			Nitrobenzene-d5	40	28.76	72		10	135
			2-Nitrophenol-d4	40	35.50	89		10	120
			2,4-Dichlorophenol-d3	40	28.04	70		10	140
			4-Chloroaniline-d4	40	21.51	54		1	145
			Dimethylphthalate-d6	40	27.91	70		10	145
			Acenaphthylene-d8	40	27.03	68		15	120
			4-Nitrophenol-d4	40	22.97	57		10	150
			Fluorene-d10	40	26.70	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.97	50		10	130
			Anthracene-d10	40	27.23	68		10	150
			Pyrene-d10	40	37.78	94		10	130
			Benzo(a)pyrene-d12	40	30.51	76		10	140
			1,4-Dioxane-d8	8	4.54	57		15	120
			Pyridine-d5	40	14.28	36		20	120
			Phenol-d5	40	26.55	66		10	130
P2484-22	BH9Q1	BN031590.D	Bis(2-Chloroethyl)ether-d8	40	24.56	61		10	150
			2-Chlorophenol-d4	40	29.90	75		15	120
			4-Methylphenol-d8	40	21.83	55		10	140
			Nitrobenzene-d5	40	30.52	76		10	135
			2-Nitrophenol-d4	40	38.66	97		10	120
			2,4-Dichlorophenol-d3	40	29.61	74		10	140
			4-Chloroaniline-d4	40	19.72	49		1	145
			Dimethylphthalate-d6	40	29.88	75		10	145
			Acenaphthylene-d8	40	29.08	73		15	120
			4-Nitrophenol-d4	40	22.13	55		10	150
			Fluorene-d10	40	26.62	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.16	58		10	130
			Anthracene-d10	40	28.26	71		10	150
			Pyrene-d10	40	36.40	91		10	130
			Benzo(a)pyrene-d12	40	32.60	81		10	140
			1,4-Dioxane-d8	8	3.96	50		15	120
			Pyridine-d5	40	15.50	39		20	120
			Phenol-d5	40	22.55	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.15	53		10	150
			2-Chlorophenol-d4	40	25.85	65		15	120
			4-Methylphenol-d8	40	23.95	60		10	140
P2484-23	BH9S6	BN031591.D	1,4-Dioxane-d8	8	3.96	50		15	120
			Pyridine-d5	40	15.50	39		20	120
			Phenol-d5	40	22.55	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.15	53		10	150
			2-Chlorophenol-d4	40	25.85	65		15	120

Surrogate Summary

SW-846

SDG No.: BN052024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2484-23	BH9S6	BN031591.D	Nitrobenzene-d5	40	26.19	65		10	135
			2-Nitrophenol-d4	40	32.37	81		10	120
			2,4-Dichlorophenol-d3	40	25.75	64		10	140
			4-Chloroaniline-d4	40	22.23	56		1	145
			Dimethylphthalate-d6	40	25.13	63		10	145
			Acenaphthylene-d8	40	25.10	63		15	120
			4-Nitrophenol-d4	40	19.94	50		10	150
			Fluorene-d10	40	23.73	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.17	40		10	130
			Anthracene-d10	40	23.72	59		10	150
			Pyrene-d10	40	32.47	81		10	130
			Benzo(a)pyrene-d12	40	25.76	64		10	140
P2484-24	BH9S7	BN031592.D	1,4-Dioxane-d8	8	3.36	42		15	120
			Pyridine-d5	40	11.69	29		20	120
			Phenol-d5	40	18.80	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.80	44		10	150
			2-Chlorophenol-d4	40	21.61	54		15	120
			4-Methylphenol-d8	40	20.03	50		10	140
			Nitrobenzene-d5	40	21.60	54		10	135
			2-Nitrophenol-d4	40	26.31	66		10	120
			2,4-Dichlorophenol-d3	40	21.37	53		10	140
			4-Chloroaniline-d4	40	19.17	48		1	145
			Dimethylphthalate-d6	40	20.67	52		10	145
			Acenaphthylene-d8	40	20.53	51		15	120
			4-Nitrophenol-d4	40	15.67	39		10	150
			Fluorene-d10	40	19.77	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.22	31		10	130
			Anthracene-d10	40	20.75	52		10	150
			Pyrene-d10	40	27.46	69		10	130
			Benzo(a)pyrene-d12	40	21.25	53		10	140
PB160987BL	PB160987BL	BN031585.D	1,4-Dioxane-d8	8	4.89	61		15	120
			Pyridine-d5	40	23.47	59		20	120
		BN031571.D	Pyridine-d5	40	25.29	63		20	120
			1,4-Dioxane-d8	8	4.95	62		15	120
		BN031585.D	Phenol-d5	40	25.24	63		10	130
			Phenol-d5	40	25.88	65		10	130
		BN031571.D	Bis(2-Chloroethyl)ether-d8	40	24.01	60		10	150
			Bis(2-Chloroethyl)ether-d8	40	25.84	65		10	150
		BN031585.D	2-Chlorophenol-d4	40	28.28	71		15	120
			2-Chlorophenol-d4	40	29.48	74		15	120
		BN031571.D	4-Methylphenol-d8	40	26.78	67		10	140
			4-Methylphenol-d8	40	26.21	66		10	140
		BN031585.D	Nitrobenzene-d5	40	27.59	69		10	135
			Nitrobenzene-d5	40	29.96	75		10	135
		BN031571.D	2-Nitrophenol-d4	40	38.13	95		10	120
			2-Nitrophenol-d4	40	30.47	76		10	120
		BN031585.D	2,4-Dichlorophenol-d3	40	26.05	65		10	140
			2,4-Dichlorophenol-d3	40	29.06	73		10	140
			4-Chloroaniline-d4	40	25.91	65		1	145

Surrogate Summary

SW-846

SDG No.: BN052024

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB160987BL	PB160987BL	BN031571.D	4-Chloroaniline-d4	40	25.55	64		1	145
			Dimethylphthalate-d6	40	29.67	74		10	145
		BN031585.D	Dimethylphthalate-d6	40	29.45	74		10	145
			Acenaphthylene-d8	40	27.08	68		15	120
		BN031571.D	Acenaphthylene-d8	40	27.49	69		15	120
			4-Nitrophenol-d4	40	24.24	61		10	150
		BN031585.D	4-Nitrophenol-d4	40	26.59	66		10	150
			Fluorene-d10	40	26.55	66		20	140
		BN031571.D	Fluorene-d10	40	27.73	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.89	52		10	130
		BN031585.D	4,6-Dinitro-2-methylphenol-d2	40	26.00	65		10	130
			Anthracene-d10	40	28.54	71		10	150
		BN031571.D	Anthracene-d10	40	28.98	72		10	150
			Pyrene-d10	40	35.33	88		10	130
		BN031585.D	Pyrene-d10	40	39.15	98		10	130
			Benzo(a)pyrene-d12	40	31.05	78		10	140
		BN031571.D	Benzo(a)pyrene-d12	40	31.40	79		10	140
PB160987BS	PB160987BS	BN031583.D	1,4-Dioxane-d8	8	5.84	73		15	120
			Pyridine-d5	40	29.06	73		20	120
			Phenol-d5	40	33.07	83		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.89	75		10	150
			2-Chlorophenol-d4	40	37.20	93		15	120
			4-Methylphenol-d8	40	33.87	85		10	140
			Nitrobenzene-d5	40	37.41	94		10	135
			2-Nitrophenol-d4	40	47.18	118		10	120
			2,4-Dichlorophenol-d3	40	37.24	93		10	140
			4-Chloroaniline-d4	40	30.48	76		1	145
			Dimethylphthalate-d6	40	33.76	84		10	145
			Acenaphthylene-d8	40	33.49	84		15	120
			4-Nitrophenol-d4	40	34.55	86		10	150
			Fluorene-d10	40	31.48	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	36.54	91		10	130
			Anthracene-d10	40	31.88	80		10	150
			Pyrene-d10	40	44.15	110		10	130
			Benzo(a)pyrene-d12	40	34.32	86		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN052024

Lab Code: CHEM

SAS No.: BN052024

SDG NO.: BN052024

Lab File ID: BN031562.D

DFTPP Injection Date: 05/20/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:17

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.7
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	43.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	51.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	23.6
365	Greater than 1% of mass 198	2.7
441	Present, but less than mass 443	8.4
442	Greater than 50% of mass 198	56.5
443	15.0 - 24.0% of mass 442	11 (19.4) 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
SSTD020251	SSTDCCC020	BN031563.D	05/20/2024	08:56
SBLK893	PB160893BL	BN031564.D	05/20/2024	09:35
MDL-WATER-QT2-2024-03	P2409-01	BN031565.D	05/20/2024	10:15
MDL-SOIL-QT2-2024-03	P2409-03	BN031566.D	05/20/2024	10:54
MDL-MED-SOIL-QT2-2024-03	P2409-05	BN031567.D	05/20/2024	11:39
SBLK896	PB160896BL	BN031568.D	05/20/2024	12:18
SBLK897	PB160897BL	BN031569.D	05/20/2024	12:57
SSTD020252	SSTDCCC020	BN031570.D	05/20/2024	13:41
SBLK987	PB160987BL	BN031571.D	05/20/2024	14:20
BH9Q4	P2484-13	BN031572.D	05/20/2024	15:00
BH9Q3	P2484-02	BN031573.D	05/20/2024	16:00
BH9X8	P2484-07	BN031574.D	05/20/2024	16:39
BH9P9	P2484-11	BN031575.D	05/20/2024	17:18
BH9S2	P2484-03	BN031576.D	05/20/2024	17:58
BH9S3	P2484-04	BN031577.D	05/20/2024	18:37
BH9T2	P2484-05	BN031578.D	05/20/2024	19:16
BH9T3	P2484-06	BN031579.D	05/20/2024	19:55
BH9P8	P2484-01	BN031580.D	05/20/2024	20:35

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN052024

Lab Code: CHEM

SAS No.: BN052024 SDG NO.: BN052024

Lab File ID: BN031562.D

DFTPP Injection Date: 05/20/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:17

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.7
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	43.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	51.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	23.6
365	Greater than 1% of mass 198	2.7
441	Present, but less than mass 443	8.4
442	Greater than 50% of mass 198	56.5
443	15.0 - 24.0% of mass 442	11 (19.4) 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
BH9Q2	P2484-12	BN031581.D	05/20/2024	21:14
BH9S4	P2484-16	BN031582.D	05/20/2024	21:53
SLCS987	PB160987BS	BN031583.D	05/20/2024	22:33
SSTD020253	SSTDCCC020EC	BN031584.D	05/21/2024	00:31
SBLK987	PB160987BL	BN031585.D	05/21/2024	01:50
BH9S5	P2484-17	BN031586.D	05/21/2024	02:30
BH9T0	P2484-18	BN031587.D	05/21/2024	03:09
BH9T1	P2484-19	BN031588.D	05/21/2024	03:48
BH9Q0	P2484-21	BN031589.D	05/21/2024	04:27
BH9Q1	P2484-22	BN031590.D	05/21/2024	05:06
BH9S6	P2484-23	BN031591.D	05/21/2024	05:45
BH9S7	P2484-24	BN031592.D	05/21/2024	06:24
SSTD020254	SSTDCCC020EC	BN031593.D	05/21/2024	07:43