

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052224 SAS No.: BN052224 SDG No.: BN052224

Instrument ID: BNA_N Calibration Date/Time: 5/22/2024 1:09:06

Lab File ID: BN031603.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020255 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.532	0.530	0.010	-0.2978	40.0
Benzaldehyde	0.843	0.969	0.010	14.8772	40.0
Pyridine	1.386	1.425	0.010	2.8064	40.0
Phenol	1.692	1.743	0.080	3.0263	20.0
Bis(2-Chloroethyl)ether	1.404	1.469	0.100	4.6273	20.0
2-Chlorophenol	1.330	1.342	0.200	0.8387	20.0
2-Methylphenol	1.268	1.328	0.010	4.786	20.0
2,2-oxybis(1-Chloropropane)	1.622	1.762	0.010	8.6075	40.0
Acetophenone	1.988	2.201	0.060	10.7094	20.0
4-Methylphenol	1.347	1.450	0.010	7.6199	20.0
N-Nitroso-di-n-propylamine	1.021	1.118	0.050	9.4464	30.0
Hexachloroethane	0.568	0.571	0.100	0.3954	20.0
Nitrobenzene	0.371	0.380	0.050	2.5381	25.0
Isophorone	0.705	0.759	0.050	7.5411	25.0
2-Nitrophenol	0.161	0.168	0.050	4.511	25.0
2,4-Dimethylphenol	0.329	0.346	0.050	5.1098	25.0
Bis(2-Chloroethoxy)methane	0.450	0.475	0.050	5.5488	20.0
2,4-Dichlorophenol	0.280	0.291	0.060	3.7772	20.0
Naphthalene	1.029	1.067	0.200	3.6962	20.0
4-Chloroaniline	0.398	0.436	0.010	9.6935	40.0
Hexachlorobutadiene	0.171	0.175	0.040	2.0583	30.0
Caprolactam	0.091	0.103	0.010	13.9465	40.0
4-Chloro-3-methylphenol	0.304	0.341	0.040	11.9535	25.0
1-Methylnaphthalene	0.667	0.716	0.100	7.3332	20.0
2-Methylnaphthalene	0.674	0.709	0.100	5.3128	20.0
Hexachlorocyclopentadiene	0.339	0.312	0.010	-8.0286	40.0
2,4,6-Trichlorophenol	0.350	0.358	0.090	2.3139	25.0
2,4,5-Trichlorophenol	0.379	0.394	0.100	4.0444	25.0
1,1-Biphenyl	1.442	1.453	0.200	0.7449	20.0
2-Chloronaphthalene	1.142	1.142	0.300	0.0483	20.0
2-Nitroaniline	0.299	0.327	0.050	9.2485	40.0
Dimethylphthalate	1.286	1.416	0.300	10.1307	20.0
2,6-Dinitrotoluene	0.245	0.279	0.080	13.6971	30.0
Acenaphthylene	1.824	1.883	0.400	3.2594	20.0
3-Nitroaniline	0.278	0.308	0.010	10.5517	40.0
Acenaphthene	1.182	1.229	0.200	4.0431	20.0
2,4-Dinitrophenol	0.113	0.104	0.010	-7.2172	40.0
4-Nitrophenol	0.180	0.199	0.010	10.8146	40.0
Dibenzofuran	1.577	1.642	0.300	4.1199	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052224 SAS No.: BN052224 SDG No.: BN052224

Instrument ID: BNA_N Calibration Date/Time: 5/22/2024 1:09:06

Lab File ID: BN031603.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020255 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.328	0.396	0.070	20.5713	30.0
Diethylphthalate	1.212	1.408	0.300	16.149	20.0
Fluorene	1.236	1.346	0.200	8.9735	20.0
4-Chlorophenyl-phenylether	0.595	0.636	0.100	6.9812	20.0
4-Nitroaniline	0.250	0.290	0.010	16.3587	40.0
4,6-Dinitro-2-methylphenol	0.095	0.092	0.010	-3.0292	40.0
N-Nitrosodiphenylamine	0.589	0.570	0.050	-3.1462	20.0
1,2,4,5-Tetrachlorobenzene	0.566	0.555	0.100	-1.93	20.0
4-Bromophenyl-phenylether	0.201	0.194	0.070	-3.8104	20.0
Hexachlorobenzene	0.217	0.219	0.050	0.8484	25.0
Atrazine	0.158	0.165	0.010	3.9398	25.0
Pentachlorophenol	0.124	0.124	0.010	-0.0088	40.0
Phenanthrene	1.015	1.036	0.200	2.1117	20.0
Pentachlorobenzene	0.288	0.258	0.050	-10.5158	20.0
Anthracene	1.018	1.037	0.200	1.86	20.0
1,2,3,4-Tetrachlorobenzene	0.318	0.278	0.050	-12.5318	20.0
Carbazole	0.869	0.916	0.050	5.444	40.0
Di-n-butylphthalate	0.998	1.123	0.500	12.5754	25.0
Fluoranthene	1.551	1.555	0.400	0.2804	25.0
Pyrene	1.590	1.548	0.400	-2.6862	25.0
Butylbenzylphthalate	0.540	0.603	0.100	11.7878	40.0
3,3-Dichlorobenzidine	0.385	0.385	0.010	0.2129	40.0
Benzo (a) anthracene	1.345	1.371	0.300	1.9336	30.0
Chrysene	1.242	1.238	0.200	-0.3197	30.0
Bis (2-ethylhexyl) phthalate	0.739	0.831	0.200	12.4526	40.0
Di-n-octyl phthalate	1.143	1.344	0.010	17.6013	40.0
Benzo (b) fluoranthene	1.167	1.198	0.200	2.6581	25.0
Benzo (k) fluoranthene	1.190	1.286	0.200	8.0704	25.0
Benzo (a) pyrene	1.121	1.153	0.200	2.826	20.0
Indeno (1,2,3-cd) pyrene	1.346	1.210	0.200	-10.0849	25.0
Dibenzo (a,h) anthracene	1.108	1.008	0.200	-9.0585	30.0
Benzo (g,h,i) perylene	1.112	0.995	0.200	-10.4994	30.0
2,3,4,6-Tetrachlorophenol	0.275	0.309	0.040	12.2156	20.0
1,4-Dioxane-d8	0.505	0.505	0.010	0.0723	25.0
Pyridine-d5	1.408	1.426	0.010	1.2592	40.0
Phenol-d5	1.646	1.691	0.010	2.6976	25.0
Bis- (2-Chloroethyl) ether-d8	0.987	1.042	0.050	5.5453	25.0
2-Chlorophenol-d4	1.269	1.278	0.200	0.7467	20.0
4-Methylphenol-d8	1.275	1.372	0.010	7.6237	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BN052224 SAS No.: BN052224 SDG No.: BN052224
 Instrument ID: BNA_N Calibration Date/Time: 5/22/2024 1:09:06
 Lab File ID: BN031603.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020255 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.151	0.154	0.050	1.8036	20.0
2-Nitrophenol-d4	0.145	0.149	0.050	3.3473	30.0
2,4-Dichlorophenol-d3	0.283	0.289	0.060	2.2407	20.0
4-Chloroaniline-d4	0.407	0.441	0.010	8.224	40.0
Dimethylphthalate-d6	1.260	1.383	0.300	9.689	20.0
Acenaphthylene-d8	1.580	1.650	0.400	4.4772	20.0
4-Nitrophenol-d4	0.238	0.261	0.010	9.2723	40.0
Fluorene-d10	1.092	1.182	0.100	8.1959	20.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.083	0.010	-4.3284	40.0
Anthracene-d10	0.847	0.866	0.300	2.2767	20.0
Pyrene-d10	1.255	1.293	0.300	3.069	25.0
Benzo(a)pyrene-d12	0.941	0.964	0.010	2.4213	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.: BN052224 SAS No.: BN052224 SDG No.: BN052224

Instrument ID: BNA_N Calibration Date/Time: 5/22/2024 1:19:32

Lab File ID: BN031612.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020256 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.532	0.578	0.010	8.661	40.0
Benzaldehyde	0.843	0.953	0.010	13.0588	40.0
Pyridine	1.386	1.509	0.010	8.9011	40.0
Phenol	1.692	1.730	0.080	2.2724	20.0
Bis(2-Chloroethyl)ether	1.404	1.434	0.100	2.0908	20.0
2-Chlorophenol	1.330	1.337	0.200	0.4875	20.0
2-Methylphenol	1.268	1.241	0.010	-2.0628	20.0
2,2-oxybis(1-Chloropropane)	1.622	1.650	0.010	1.7042	40.0
Acetophenone	1.988	1.997	0.060	0.4292	20.0
4-Methylphenol	1.347	1.317	0.010	-2.2636	20.0
N-Nitroso-di-n-propylamine	1.021	0.955	0.050	-6.4632	30.0
Hexachloroethane	0.568	0.576	0.100	1.3996	20.0
Nitrobenzene	0.371	0.375	0.050	1.2186	25.0
Isophorone	0.705	0.674	0.050	-4.4373	25.0
2-Nitrophenol	0.161	0.156	0.050	-2.9357	25.0
2,4-Dimethylphenol	0.329	0.324	0.050	-1.5207	25.0
Bis(2-Chloroethoxy)methane	0.450	0.440	0.050	-2.1007	20.0
2,4-Dichlorophenol	0.280	0.275	0.060	-1.9991	20.0
Naphthalene	1.029	1.044	0.200	1.4014	20.0
4-Chloroaniline	0.398	0.405	0.010	1.9245	40.0
Hexachlorobutadiene	0.171	0.174	0.040	1.5299	30.0
Caprolactam	0.091	0.081	0.010	-10.6569	40.0
4-Chloro-3-methylphenol	0.304	0.289	0.040	-4.9297	25.0
1-Methylnaphthalene	0.667	0.662	0.100	-0.779	20.0
2-Methylnaphthalene	0.674	0.663	0.100	-1.6141	20.0
Hexachlorocyclopentadiene	0.339	0.308	0.010	-9.3475	40.0
2,4,6-Trichlorophenol	0.350	0.345	0.090	-1.4803	25.0
2,4,5-Trichlorophenol	0.379	0.367	0.100	-2.9833	25.0
1,1-Biphenyl	1.442	1.472	0.200	2.0869	20.0
2-Chloronaphthalene	1.142	1.160	0.300	1.625	20.0
2-Nitroaniline	0.299	0.297	0.050	-0.7317	40.0
Dimethylphthalate	1.286	1.287	0.300	0.0671	20.0
2,6-Dinitrotoluene	0.245	0.242	0.080	-1.41	30.0
Acenaphthylene	1.824	1.834	0.400	0.5645	20.0
3-Nitroaniline	0.278	0.272	0.010	-2.0652	40.0
Acenaphthene	1.182	1.212	0.200	2.5733	20.0
2,4-Dinitrophenol	0.113	0.085	0.010	-24.3015	40.0
4-Nitrophenol	0.180	0.183	0.010	1.9849	40.0
Dibenzofuran	1.577	1.599	0.300	1.3634	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052224 SAS No.: BN052224 SDG No.: BN052224

Instrument ID: BNA_N Calibration Date/Time: 5/22/2024 1:19:32

Lab File ID: BN031612.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020256 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.328	0.341	0.070	3.7402	30.0
Diethylphthalate	1.212	1.233	0.300	1.7651	20.0
Fluorene	1.236	1.293	0.200	4.6697	20.0
4-Chlorophenyl-phenylether	0.595	0.610	0.100	2.6083	20.0
4-Nitroaniline	0.250	0.259	0.010	3.9781	40.0
4,6-Dinitro-2-methylphenol	0.095	0.078	0.010	-17.7918	40.0
N-Nitrosodiphenylamine	0.589	0.581	0.050	-1.3532	20.0
1,2,4,5-Tetrachlorobenzene	0.566	0.578	0.100	2.081	20.0
4-Bromophenyl-phenylether	0.201	0.191	0.070	-4.9489	20.0
Hexachlorobenzene	0.217	0.223	0.050	2.4443	25.0
Atrazine	0.158	0.157	0.010	-0.7899	25.0
Pentachlorophenol	0.124	0.116	0.010	-6.3321	40.0
Phenanthrene	1.015	1.052	0.200	3.6112	20.0
Pentachlorobenzene	0.288	0.279	0.050	-3.1702	20.0
Anthracene	1.018	1.054	0.200	3.5314	20.0
1,2,3,4-Tetrachlorobenzene	0.318	0.317	0.050	-0.2961	20.0
Carbazole	0.869	0.953	0.050	9.6538	40.0
Di-n-butylphthalate	0.998	1.048	0.500	4.9964	25.0
Fluoranthene	1.551	1.350	0.400	-12.9112	25.0
Pyrene	1.590	1.379	0.400	-13.2524	25.0
Butylbenzylphthalate	0.540	0.486	0.100	-9.9932	40.0
3,3-Dichlorobenzidine	0.385	0.376	0.010	-2.3437	40.0
Benzo (a) anthracene	1.345	1.290	0.300	-4.0801	30.0
Chrysene	1.242	1.227	0.200	-1.207	30.0
Bis (2-ethylhexyl) phthalate	0.739	0.714	0.200	-3.4177	40.0
Di-n-octyl phthalate	1.143	1.023	0.010	-10.5447	40.0
Benzo (b) fluoranthene	1.167	1.157	0.200	-0.8828	25.0
Benzo (k) fluoranthene	1.190	1.209	0.200	1.5915	25.0
Benzo (a) pyrene	1.121	1.139	0.200	1.5912	20.0
Indeno (1,2,3-cd) pyrene	1.346	1.374	0.200	2.1135	25.0
Dibenzo (a,h) anthracene	1.108	1.127	0.200	1.6685	30.0
Benzo (g,h,i) perylene	1.112	1.121	0.200	0.832	30.0
2,3,4,6-Tetrachlorophenol	0.275	0.270	0.040	-1.7122	20.0
1,4-Dioxane-d8	0.505	0.526	0.010	4.1723	25.0
Pyridine-d5	1.408	1.492	0.010	5.9505	40.0
Phenol-d5	1.646	1.665	0.010	1.1155	25.0
Bis- (2-Chloroethyl) ether-d8	0.987	1.016	0.050	2.9194	25.0
2-Chlorophenol-d4	1.269	1.265	0.200	-0.3021	20.0
4-Methylphenol-d8	1.275	1.230	0.010	-3.4563	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052224 SAS No.: BN052224 SDG No.: BN052224

Instrument ID: BNA_N Calibration Date/Time: 5/22/2024 1:19:32

Lab File ID: BN031612.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020256 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.151	0.147	0.050	-3.12	20.0
2-Nitrophenol-d4	0.145	0.132	0.050	-8.4375	30.0
2,4-Dichlorophenol-d3	0.283	0.277	0.060	-1.9848	20.0
4-Chloroaniline-d4	0.407	0.407	0.010	-0.2005	40.0
Dimethylphthalate-d6	1.260	1.261	0.300	0.0435	20.0
Acenaphthylene-d8	1.580	1.610	0.400	1.9328	20.0
4-Nitrophenol-d4	0.238	0.233	0.010	-2.1191	40.0
Fluorene-d10	1.092	1.118	0.100	2.3914	20.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.072	0.010	-16.9584	40.0
Anthracene-d10	0.847	0.873	0.300	3.1287	20.0
Pyrene-d10	1.255	1.113	0.300	-11.299	25.0
Benzo(a)pyrene-d12	0.941	0.943	0.010	0.1669	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.: BN052224 SAS No.: BN052224 SDG No.: BN052224

Instrument ID: BNA_N Calibration Date/Time: 5/23/2024 1:02:07

Lab File ID: BN031621.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020257 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.532	0.504	0.010	-5.2315	50.0
Benzaldehyde	0.843	1.001	0.010	18.7607	50.0
Pyridine	1.386	1.409	0.010	1.6675	50.0
Phenol	1.692	1.855	0.080	9.6217	50.0
Bis(2-Chloroethyl)ether	1.404	1.512	0.100	7.6481	50.0
2-Chlorophenol	1.330	1.414	0.200	6.2844	50.0
2-Methylphenol	1.268	1.399	0.010	10.3963	50.0
2,2-oxybis(1-Chloropropane)	1.622	1.730	0.010	6.6764	50.0
Acetophenone	1.988	2.158	0.060	8.5725	50.0
4-Methylphenol	1.347	1.495	0.010	10.9634	50.0
N-Nitroso-di-n-propylamine	1.021	1.065	0.050	4.2923	50.0
Hexachloroethane	0.568	0.595	0.100	4.7203	50.0
Nitrobenzene	0.371	0.381	0.050	2.6497	50.0
Isophorone	0.705	0.743	0.050	5.3756	50.0
2-Nitrophenol	0.161	0.180	0.050	11.6192	50.0
2,4-Dimethylphenol	0.329	0.342	0.050	3.8286	50.0
Bis(2-Chloroethoxy)methane	0.450	0.464	0.050	3.2245	50.0
2,4-Dichlorophenol	0.280	0.292	0.060	4.3947	50.0
Naphthalene	1.029	1.026	0.200	-0.2961	50.0
4-Chloroaniline	0.398	0.418	0.010	5.0755	50.0
Hexachlorobutadiene	0.171	0.179	0.040	4.5145	50.0
Caprolactam	0.091	0.104	0.010	14.3515	50.0
4-Chloro-3-methylphenol	0.304	0.333	0.040	9.4797	50.0
1-Methylnaphthalene	0.667	0.683	0.100	2.3633	50.0
2-Methylnaphthalene	0.674	0.690	0.100	2.3864	50.0
Hexachlorocyclopentadiene	0.339	0.343	0.010	1.2285	50.0
2,4,6-Trichlorophenol	0.350	0.382	0.090	9.1924	50.0
2,4,5-Trichlorophenol	0.379	0.418	0.100	10.431	50.0
1,1-Biphenyl	1.442	1.478	0.200	2.5278	50.0
2-Chloronaphthalene	1.142	1.156	0.300	1.2195	50.0
2-Nitroaniline	0.299	0.343	0.050	14.6713	50.0
Dimethylphthalate	1.286	1.386	0.300	7.7652	50.0
2,6-Dinitrotoluene	0.245	0.294	0.080	19.9787	50.0
Acenaphthylene	1.824	1.848	0.400	1.3571	50.0
3-Nitroaniline	0.278	0.318	0.010	14.3486	50.0
Acenaphthene	1.182	1.207	0.200	2.1495	50.0
2,4-Dinitrophenol	0.113	0.125	0.010	10.6816	50.0
4-Nitrophenol	0.180	0.194	0.010	8.0606	50.0
Dibenzofuran	1.577	1.581	0.300	0.2581	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BN052224 SAS No.: BN052224 SDG No.: BN052224
Instrument ID: BNA_N Calibration Date/Time: 5/23/2024 1:02:07
Lab File ID: BN031621.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020257 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.328	0.403	0.070	22.613	50.0
Diethylphthalate	1.212	1.339	0.300	10.5177	50.0
Fluorene	1.236	1.220	0.200	-1.2442	50.0
4-Chlorophenyl-phenylether	0.595	0.591	0.100	-0.6378	50.0
4-Nitroaniline	0.250	0.293	0.010	17.5087	50.0
4,6-Dinitro-2-methylphenol	0.095	0.109	0.010	15.3018	50.0
N-Nitrosodiphenylamine	0.589	0.604	0.050	2.542	50.0
1,2,4,5-Tetrachlorobenzene	0.566	0.567	0.100	0.188	50.0
4-Bromophenyl-phenylether	0.201	0.207	0.070	2.6058	50.0
Hexachlorobenzene	0.217	0.231	0.050	6.4973	50.0
Atrazine	0.158	0.169	0.010	6.7422	50.0
Pentachlorophenol	0.124	0.137	0.010	10.6533	50.0
Phenanthrene	1.015	1.026	0.200	1.1134	50.0
Pentachlorobenzene	0.288	0.291	0.050	0.964	50.0
Anthracene	1.018	1.019	0.200	0.0442	50.0
1,2,3,4-Tetrachlorobenzene	0.318	0.321	0.050	0.8533	50.0
Carbazole	0.869	0.915	0.050	5.3418	50.0
Di-n-butylphthalate	0.998	1.106	0.500	10.8257	50.0
Fluoranthene	1.551	1.606	0.400	3.5492	50.0
Pyrene	1.590	1.603	0.400	0.823	50.0
Butylbenzylphthalate	0.540	0.622	0.100	15.3248	50.0
3,3-Dichlorobenzidine	0.385	0.406	0.010	5.5885	50.0
Benzo (a) anthracene	1.345	1.337	0.300	-0.6128	50.0
Chrysene	1.242	1.244	0.200	0.158	50.0
Bis(2-ethylhexyl)phthalate	0.739	0.833	0.200	12.6621	50.0
Di-n-octyl phthalate	1.143	1.222	0.010	6.8721	50.0
Benzo (b) fluoranthene	1.167	1.151	0.200	-1.3736	50.0
Benzo (k) fluoranthene	1.190	1.181	0.200	-0.7008	50.0
Benzo (a) pyrene	1.121	1.138	0.200	1.4787	50.0
Indeno (1,2,3-cd) pyrene	1.346	1.405	0.200	4.4422	50.0
Dibenzo (a,h) anthracene	1.108	1.136	0.200	2.5125	50.0
Benzo (g,h,i) perylene	1.112	1.166	0.200	4.8515	50.0
2,3,4,6-Tetrachlorophenol	0.275	0.313	0.040	13.8483	50.0
1,4-Dioxane-d8	0.505	0.472	0.010	-6.4153	50.0
Pyridine-d5	1.408	1.452	0.010	3.1504	50.0
Phenol-d5	1.646	1.803	0.010	9.4958	50.0
Bis- (2-Chloroethyl) ether-d8	0.987	1.060	0.050	7.3763	50.0
2-Chlorophenol-d4	1.269	1.364	0.200	7.4922	50.0
4-Methylphenol-d8	1.275	1.397	0.010	9.6145	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052224 SAS No.: BN052224 SDG No.: BN052224

Instrument ID: BNA_N Calibration Date/Time: 5/23/2024 1:02:07

Lab File ID: BN031621.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020257 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.151	0.163	0.050	7.5344	50.0
2-Nitrophenol-d4	0.145	0.165	0.050	14.3961	50.0
2,4-Dichlorophenol-d3	0.283	0.302	0.060	6.8047	50.0
4-Chloroaniline-d4	0.407	0.429	0.010	5.2365	50.0
Dimethylphthalate-d6	1.260	1.382	0.300	9.6223	50.0
Acenaphthylene-d8	1.580	1.649	0.400	4.3945	50.0
4-Nitrophenol-d4	0.238	0.261	0.010	9.3744	50.0
Fluorene-d10	1.092	1.141	0.100	4.4387	50.0
4,6-Dinitro-2-methylphenol-d2	0.086	0.100	0.010	15.2618	50.0
Anthracene-d10	0.847	0.862	0.300	1.7786	50.0
Pyrene-d10	1.255	1.317	0.300	5.0075	50.0
Benzo(a)pyrene-d12	0.941	0.963	0.010	2.2543	50.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK908	SDG No.:	BN052224
Lab Sample ID:	PB160908BL	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
BN031604.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160908

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:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK908	SDG No.:	BN052224
Lab Sample ID:	PB160908BL	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
BN031604.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160908

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:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK908	SDG No.:	BN052224
Lab Sample ID:	PB160908BL	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
BN031604.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160908

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	5.912		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	31.142		20-120		78	SPK: -40
4165-62-2	Phenol-d5	30.429		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.742		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.259		20-130		78	SPK: -40
190780-66-6	4-Methylphenol-d8	31.305		25-125		78	SPK: -40
4165-60-0	Nitrobenzene-d5	30.934		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.828		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.467		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.592		1-146		84	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.025		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	32.053		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.784		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	33.344		25-125		83	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:	SBLK908	SDG No.:	BN052224
Lab Sample ID:	PB160908BL	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
BN031604.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.529		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	32.779		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	34.253		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.685		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	433164	7.693				
1146-65-2	Naphthalene-d8	1842681	10.475				
15067-26-2	Acenaphthene-d10	1174195	14.328				
1517-22-2	Phenanthrene-d10	2325921	17.075				
1719-03-5	Chrysene-d12	1562766	21.304				
1520-96-3	Perylene-d12	1394492	24.233				
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-QT2-2024-04	SDG No.:	BN052224
Lab Sample ID:	P2409-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031605.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	J	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	6.3	J	1.4	5	10	ug/L
110-86-1	Pyridine	5.1	J	0.85	10	10	ug/L
108-95-2	Phenol	4.9	J	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	5.1	J	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	4.8	J	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	4.4	J	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.1	J	1.4	5	10	ug/L
98-86-2	Acetophenone	5.2	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	4.8	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	4.9	J	1.3	2.5	5	ug/L
78-59-1	Isophorone	4.7	J	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.6	J	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	2.9	J	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	4.8	J	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4.7	J	1.4	2.5	5	ug/L
91-20-3	Naphthalene	5		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	5.1	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	4.5	J	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	4.5	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	4.9	J	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	4.6	J	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	4.3	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-QT2-2024-04	SDG No.:	BN052224
Lab Sample ID:	P2409-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031605.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160908

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	4.1	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	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	4.1	J	0.86	5	10	ug/L
83-32-9	Acenaphthene	5		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	3.5	J	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	5.1	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	4.4	J	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	4.9	J	1.5	2.5	5	ug/L
86-73-7	Fluorene	5.2		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.3		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	4.5	J	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.1	J	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	4.8	J	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.7	J	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.5	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	4.1	J	1.7	5	10	ug/L
85-01-8	Phenanthrene	5		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	4.9	J	1.3	2.5	5	ug/L
120-12-7	Anthracene	4.6	J	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.6	J	0.75	2.5	5	ug/L
86-74-8	Carbazole	4.9	J	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	4.4	J	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	4.6	J	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-QT2-2024-04	SDG No.:	BN052224
Lab Sample ID:	P2409-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031605.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4.8	J	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	3.6	J	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.6	J	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	4.6	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	3.8	J	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	3.4	J	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.7	J	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.6	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	4.4	J	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.5	J	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.5	J	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.1	J	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.35		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	26.606		20-120		67	SPK: -40
4165-62-2	Phenol-d5	26.359		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.496		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.258		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	24.876		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	25.762		20-125		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.873		20-130		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.944		20-120		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.019		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.479		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.963		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.995		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	26.511		25-125		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-WATER-QT2-2024-04	SDG No.:	BN052224
Lab Sample ID:	P2409-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031605.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.625		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	24.126		25-130		60	SPK: -40
1718-52-1	Pyrene-d10	25.073		15-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.589		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	472446	7.693				
1146-65-2	Naphthalene-d8	1972872	10.475				
15067-26-2	Acenaphthene-d10	1169759	14.328				
1517-22-2	Phenanthrene-d10	2135433	17.075				
1719-03-5	Chrysene-d12	1456208	21.304				
1520-96-3	Perylene-d12	1345937	24.233				
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-QT2-2024-04	SDG No.:	BN052224
Lab Sample ID:	P2409-04	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
BN031606.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	37	J	12	6.6	66	ug/Kg
100-52-7	Benzaldehyde	210	J	48	82.2	330	ug/Kg
110-86-1	Pyridine	170	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	170	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	150	J	39	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	J	29	82.2	330	ug/Kg
98-86-2	Acetophenone	180	J	59	82.2	330	ug/Kg
106-44-5	4-Methylphenol	160	J	41	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	170		37	42.4	170	ug/Kg
67-72-1	Hexachloroethane	160	J	16	42.4	170	ug/Kg
98-95-3	Nitrobenzene	160	J	27	42.4	170	ug/Kg
78-59-1	Isophorone	160	J	36	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	150	J	30	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	96	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	160	J	34	42.4	170	ug/Kg
91-20-3	Naphthalene	160	J	33	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	170	J	44	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	160	J	26	42.4	170	ug/Kg
105-60-2	Caprolactam	160	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	150	J	19	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	J	50	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	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-QT2-2024-04	SDG No.:	BN052224
Lab Sample ID:	P2409-04	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
BN031606.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160910

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	160	J	44	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	140	J	22	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	170		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	170		50	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	J	32	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	170	J	11	82.2	330	ug/Kg
132-64-9	Dibenzofuran	170		40	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	J	13	42.4	170	ug/Kg
84-66-2	Diethylphthalate	180		41	42.4	170	ug/Kg
86-73-7	Fluorene	180		58	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180		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	140	J	39	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	150	J	45	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	160	J	45	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	J	99	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	150	J	50	42.4	170	ug/Kg
1912-24-9	Atrazine	180	J	11	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	140	J	38	82.2	330	ug/Kg
85-01-8	Phenanthrene	170		53	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	160	J	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	140	J	5.6	42.4	170	ug/Kg
86-74-8	Carbazole	160	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	170		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-QT2-2024-04	SDG No.:	BN052224
Lab Sample ID:	P2409-04	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
BN031606.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170		46	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	140	J	43	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	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	170		46	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	J	43	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	J	43	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	48	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	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	140	J	45	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	52	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	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	5.392		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	26.668		20-120		67	SPK: -40
4165-62-2	Phenol-d5	26.303		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.823		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.698		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	25.529		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	25.253		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.817		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.891		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.902		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.764		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.153		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.158		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	26.955		20-140		67	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-QT2-2024-04	SDG No.:	BN052224
Lab Sample ID:	P2409-04	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
BN031606.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.692		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	23.644		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	27.385		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.49		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	466111	7.693				
1146-65-2	Naphthalene-d8	2006829	10.475				
15067-26-2	Acenaphthene-d10	1223351	14.328				
1517-22-2	Phenanthrene-d10	2378486	17.075				
1719-03-5	Chrysene-d12	1489295	21.304				
1520-96-3	Perylene-d12	1304292	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-QT2-2024-04	SDG No.:	BN052224
Lab Sample ID:	P2409-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 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
BN031607.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160913

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	2300	9400	ug/Kg
110-86-1	Pyridine	4900	J	200	4700	9400	ug/Kg
108-95-2	Phenol	4700	J	1200	2300	9400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4800	J	830	2300	9400	ug/Kg
95-57-8	2-Chlorophenol	4500	J	620	1200	4700	ug/Kg
95-48-7	2-Methylphenol	4300	J	1100	2300	9400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4800	J	790	2300	9400	ug/Kg
98-86-2	Acetophenone	5000	J	1600	2300	9400	ug/Kg
106-44-5	4-Methylphenol	4600	J	1200	2300	9400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4700		910	1200	4700	ug/Kg
67-72-1	Hexachloroethane	4600	J	390	1200	4700	ug/Kg
98-95-3	Nitrobenzene	4600	J	870	1200	4700	ug/Kg
78-59-1	Isophorone	4500	J	1100	1200	4700	ug/Kg
88-75-5	2-Nitrophenol	4300	J	1000	1200	4700	ug/Kg
105-67-9	2,4-Dimethylphenol	2700	J	260	1200	4700	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4600	J	870	1200	4700	ug/Kg
120-83-2	2,4-Dichlorophenol	4400	J	890	1200	4700	ug/Kg
91-20-3	Naphthalene	4700		1000	1200	4700	ug/Kg
106-47-8	4-Chloroaniline	4800	J	1200	1200	9400	ug/Kg
87-68-3	Hexachlorobutadiene	4600	J	690	1200	4700	ug/Kg
105-60-2	Caprolactam	4500	J	1400	2300	9400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4400	J	1100	1200	4700	ug/Kg
90-12-0	1-Methylnaphthalene	4900		490	1200	4700	ug/Kg
91-57-6	2-Methylnaphthalene	4700		1100	1200	4700	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4000	J	630	2300	9400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4000	J	1500	1200	4700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4200	J	1300	1200	4700	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-QT2-2024-04	SDG No.:	BN052224
Lab Sample ID:	P2409-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 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
BN031607.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4700		1300	1200	4700	ug/Kg
91-58-7	2-Chloronaphthalene	4600	J	1300	1200	4700	ug/Kg
88-74-4	2-Nitroaniline	4000	J	420	1200	4700	ug/Kg
131-11-3	Dimethylphthalate	5000		1100	1200	4700	ug/Kg
606-20-2	2,6-Dinitrotoluene	3900	J	580	1200	4700	ug/Kg
208-96-8	Acenaphthylene	4900		1400	1200	4700	ug/Kg
99-09-2	3-Nitroaniline	4000	J	230	2300	9400	ug/Kg
83-32-9	Acenaphthene	4800		1400	1200	4700	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	J	750	2300	9400	ug/Kg
100-02-7	4-Nitrophenol	5000	J	180	2300	9400	ug/Kg
132-64-9	Dibenzofuran	4900		1300	1200	4700	ug/Kg
121-14-2	2,4-Dinitrotoluene	4400	J	310	1200	4700	ug/Kg
84-66-2	Diethylphthalate	5000		1200	1200	4700	ug/Kg
86-73-7	Fluorene	5100		1700	1200	4700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	5100		1500	1200	4700	ug/Kg
100-01-6	4-Nitroaniline	4500	J	530	2300	9400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3900	J	1100	2300	9400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4300	J	1400	1200	4700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4400	J	1300	1200	4700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4300	J	2600	1200	4700	ug/Kg
118-74-1	Hexachlorobenzene	4700		1400	1200	4700	ug/Kg
1912-24-9	Atrazine	5100	J	260	2300	9400	ug/Kg
87-86-5	Pentachlorophenol	3800	J	1100	2300	9400	ug/Kg
85-01-8	Phenanthrene	4700		1600	1200	4700	ug/Kg
608-93-5	Pentachlorobenzene	4400	J	1000	1200	4700	ug/Kg
120-12-7	Anthracene	4300	J	1500	1200	4700	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4000	J	270	1200	4700	ug/Kg
86-74-8	Carbazole	4700	J	1800	2300	9400	ug/Kg
84-74-2	Di-n-butylphthalate	4300	J	1700	1200	4700	ug/Kg
206-44-0	Fluoranthene	4600	J	1200	2300	4700	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-QT2-2024-04	SDG No.:	BN052224
Lab Sample ID:	P2409-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 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
BN031607.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4800		1100	1200	4700	ug/Kg
85-68-7	Butylbenzylphthalate	3800	J	1100	1200	4700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3300	J	720	2300	9400	ug/Kg
56-55-3	Benzo(a)anthracene	4200	J	1000	1200	4700	ug/Kg
218-01-9	Chrysene	4500	J	1100	1200	4700	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3600	J	1100	1200	4700	ug/Kg
117-84-0	Di-n-octyl phthalate	3400	J	1300	2300	9400	ug/Kg
205-99-2	Benzo(b)fluoranthene	4500	J	1600	1200	4700	ug/Kg
207-08-9	Benzo(k)fluoranthene	4500	J	1700	1200	4700	ug/Kg
50-32-8	Benzo(a)pyrene	4500	J	1600	1200	4700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3900	J	1500	1200	4700	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4000	J	1600	1200	4700	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4000	J	1600	1200	4700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4200	J	1500	1200	4700	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.412		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	27.04		20-120		68	SPK: -40
4165-62-2	Phenol-d5	26.501		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.827		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.808		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	25.437		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	25.698		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.633		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.22		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.38		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.003		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	25.781		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.204		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	27.019		20-140		68	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-QT2-2024-04	SDG No.:	BN052224
Lab Sample ID:	P2409-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 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
BN031607.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.238		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	23.903		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	26.135		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.269		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	478207	7.693				
1146-65-2	Naphthalene-d8	2045950	10.475				
15067-26-2	Acenaphthene-d10	1257073	14.328				
1517-22-2	Phenanthrene-d10	2458431	17.075				
1719-03-5	Chrysene-d12	1589279	21.304				
1520-96-3	Perylene-d12	1331240	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1300	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:	SBLK910	SDG No.:	BN052224
Lab Sample ID:	PB160910BL	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
BN031608.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160910

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:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK910	SDG No.:	BN052224
Lab Sample ID:	PB160910BL	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
BN031608.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160910

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:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK910	SDG No.:	BN052224
Lab Sample ID:	PB160910BL	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
BN031608.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.705		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	30.81		20-120		77	SPK: -40
4165-62-2	Phenol-d5	29.763		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.713		10-150		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.663		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	30.599		10-140		76	SPK: -40
4165-60-0	Nitrobenzene-d5	29.621		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.922		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.21		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.479		1-145		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.812		10-145		85	SPK: -40
93951-97-4	Acenaphthylene-d8	30.083		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.398		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	31.855		20-140		80	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:	SBLK910	SDG No.:	BN052224
Lab Sample ID:	PB160910BL	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
BN031608.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.509		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	32.331		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	33.204		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.209		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	439870	7.687				
1146-65-2	Naphthalene-d8	1876117	10.469				
15067-26-2	Acenaphthene-d10	1181365	14.328				
1517-22-2	Phenanthrene-d10	2242373	17.075				
1719-03-5	Chrysene-d12	1531059	21.304				
1520-96-3	Perylene-d12	1325793	24.245				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	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:	SBLK913	SDG No.:	BN052224
Lab Sample ID:	PB160913BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 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
BN031609.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	340	U	340	190	1900	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2400	9700	ug/Kg
110-86-1	Pyridine	200	U	200	4800	9700	ug/Kg
108-95-2	Phenol	1300	U	1300	2400	9700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	850	U	850	2400	9700	ug/Kg
95-57-8	2-Chlorophenol	640	U	640	1200	4900	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	2400	9700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	820	U	820	2400	9700	ug/Kg
98-86-2	Acetophenone	1700	U	1700	2400	9700	ug/Kg
106-44-5	4-Methylphenol	1300	U	1300	2400	9700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	930	U	930	1200	4900	ug/Kg
67-72-1	Hexachloroethane	400	U	400	1200	4900	ug/Kg
98-95-3	Nitrobenzene	890	U	890	1200	4900	ug/Kg
78-59-1	Isophorone	1200	U	1200	1200	4900	ug/Kg
88-75-5	2-Nitrophenol	1100	U	1100	1200	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	270	U	270	1200	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	890	U	890	1200	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	910	U	910	1200	4900	ug/Kg
91-20-3	Naphthalene	1100	U	1100	1200	4900	ug/Kg
106-47-8	4-Chloroaniline	1300	U	1300	1200	9700	ug/Kg
87-68-3	Hexachlorobutadiene	710	U	710	1200	4900	ug/Kg
105-60-2	Caprolactam	1500	U	1500	2400	9700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200	U	1200	1200	4900	ug/Kg
90-12-0	1-Methylnaphthalene	500	U	500	1200	4900	ug/Kg
91-57-6	2-Methylnaphthalene	1200	U	1200	1200	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	650	U	650	2400	9700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600	U	1600	1200	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400	U	1400	1200	4900	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:	SBLK913	SDG No.:	BN052224
Lab Sample ID:	PB160913BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 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
BN031609.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400	U	1400	1200	4900	ug/Kg
91-58-7	2-Chloronaphthalene	1400	U	1400	1200	4900	ug/Kg
88-74-4	2-Nitroaniline	430	U	430	1200	4900	ug/Kg
131-11-3	Dimethylphthalate	1200	U	1200	1200	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	590	U	590	1200	4900	ug/Kg
208-96-8	Acenaphthylene	1500	U	1500	1200	4900	ug/Kg
99-09-2	3-Nitroaniline	230	U	230	2400	9700	ug/Kg
83-32-9	Acenaphthene	1500	U	1500	1200	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	780	U	780	2400	9700	ug/Kg
100-02-7	4-Nitrophenol	180	U	180	2400	9700	ug/Kg
132-64-9	Dibenzofuran	1400	U	1400	1200	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	320	U	320	1200	4900	ug/Kg
84-66-2	Diethylphthalate	1300	U	1300	1200	4900	ug/Kg
86-73-7	Fluorene	1700	U	1700	1200	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600	U	1600	1200	4900	ug/Kg
100-01-6	4-Nitroaniline	540	U	540	2400	9700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	2400	9700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1200	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	1200	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2700	U	2700	1200	4900	ug/Kg
118-74-1	Hexachlorobenzene	1500	U	1500	1200	4900	ug/Kg
1912-24-9	Atrazine	270	U	270	2400	9700	ug/Kg
87-86-5	Pentachlorophenol	1200	U	1200	2400	9700	ug/Kg
85-01-8	Phenanthrene	1700	U	1700	1200	4900	ug/Kg
608-93-5	Pentachlorobenzene	1100	U	1100	1200	4900	ug/Kg
120-12-7	Anthracene	1600	U	1600	1200	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	280	U	280	1200	4900	ug/Kg
86-74-8	Carbazole	1800	U	1800	2400	9700	ug/Kg
84-74-2	Di-n-butylphthalate	1700	U	1700	1200	4900	ug/Kg
206-44-0	Fluoranthene	1300	U	1300	2400	4900	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:	SBLK913	SDG No.:	BN052224
Lab Sample ID:	PB160913BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031609.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200	U	1200	1200	4900	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1200	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	740	U	740	2400	9700	ug/Kg
56-55-3	Benzo(a)anthracene	1100	U	1100	1200	4900	ug/Kg
218-01-9	Chrysene	1200	U	1200	1200	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200	U	1200	1200	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	1400	U	1400	2400	9700	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700	U	1700	1200	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700	U	1700	1200	4900	ug/Kg
50-32-8	Benzo(a)pyrene	1700	U	1700	1200	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600	U	1600	1200	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700	U	1700	1200	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700	U	1700	1200	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600	U	1600	1200	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.158		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	32.413		20-120		81	SPK: -40
4165-62-2	Phenol-d5	31.292		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.203		10-150		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.835		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	31.623		10-140		79	SPK: -40
4165-60-0	Nitrobenzene-d5	30.664		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.886		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.578		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.485		1-145		84	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.149		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	31.617		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.734		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	32.736		20-140		82	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:	SBLK913	SDG No.:	BN052224
Lab Sample ID:	PB160913BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 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
BN031609.D	1	5/14/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.761		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	33.245		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	33.927		10-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.028		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	418737	7.693				
1146-65-2	Naphthalene-d8	1779328	10.475				
15067-26-2	Acenaphthene-d10	1123796	14.328				
1517-22-2	Phenanthrene-d10	2180366	17.075				
1719-03-5	Chrysene-d12	1477112	21.304				
1520-96-3	Perylene-d12	1280234	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1400	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BN052224
Lab Sample ID:	P2532-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031610.D	1	5/20/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161010

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	19.8	200	ug/Kg
100-52-7	Benzaldehyde	140	U	140	250	990	ug/Kg
110-86-1	Pyridine	36	U	36	500	990	ug/Kg
108-95-2	Phenol	140	U	140	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	110	U	110	250	990	ug/Kg
95-57-8	2-Chlorophenol	66	U	66	130	510	ug/Kg
95-48-7	2-Methylphenol	120	U	120	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	87	U	87	250	990	ug/Kg
98-86-2	Acetophenone	180	U	180	250	990	ug/Kg
106-44-5	4-Methylphenol	120	U	120	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	130	510	ug/Kg
67-72-1	Hexachloroethane	48	U	48	130	510	ug/Kg
98-95-3	Nitrobenzene	81	U	81	130	510	ug/Kg
78-59-1	Isophorone	110	U	110	130	510	ug/Kg
88-75-5	2-Nitrophenol	90	U	90	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	93	U	93	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	130	510	ug/Kg
91-20-3	Naphthalene	99	U	99	130	510	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	78	U	78	130	510	ug/Kg
105-60-2	Caprolactam	120	U	120	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	57	U	57	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	57	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	130	510	ug/Kg

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BN052224
Lab Sample ID:	P2532-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031610.D	1	5/20/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161010

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	140	U	140	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	130	510	ug/Kg
88-74-4	2-Nitroaniline	66	U	66	130	510	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	78	U	78	130	510	ug/Kg
208-96-8	Acenaphthylene	140	U	140	130	510	ug/Kg
99-09-2	3-Nitroaniline	42	U	42	250	990	ug/Kg
83-32-9	Acenaphthene	150	U	150	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	96	U	96	250	990	ug/Kg
100-02-7	4-Nitrophenol	33	U	33	250	990	ug/Kg
132-64-9	Dibenzofuran	120	U	120	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	130	510	ug/Kg
84-66-2	Diethylphthalate	120	U	120	130	510	ug/Kg
86-73-7	Fluorene	170	U	170	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	130	510	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	140	U	140	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	300	U	300	130	510	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	130	510	ug/Kg
1912-24-9	Atrazine	33	U	33	250	990	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	250	990	ug/Kg
85-01-8	Phenanthrene	160	U	160	130	510	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	130	510	ug/Kg
120-12-7	Anthracene	140	U	140	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	130	510	ug/Kg
86-74-8	Carbazole	180	U	180	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	130	510	ug/Kg
206-44-0	Fluoranthene	140	U	140	250	510	ug/Kg

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BN052224
Lab Sample ID:	P2532-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031610.D	1	5/20/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161010

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	U	140	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	75	U	75	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	130	510	ug/Kg
218-01-9	Chrysene	140	U	140	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	U	140	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	170	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	170	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	U	160	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	SPK: -40

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BN052224
Lab Sample ID:	P2532-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031610.D	1	5/20/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161010

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	424918	7.693				
1146-65-2	Naphthalene-d8	1639374	10.475				
15067-26-2	Acenaphthene-d10	902461	14.328				
1517-22-2	Phenanthrene-d10	1670511	17.069				
1719-03-5	Chrysene-d12	1414932	21.298				
1520-96-3	Perylene-d12	1572436	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	140	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BN052224
Lab Sample ID:	P2532-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031611.D	1	5/20/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	19.8	200	ug/Kg
100-52-7	Benzaldehyde	140	U	140	250	990	ug/Kg
110-86-1	Pyridine	36	U	36	500	990	ug/Kg
108-95-2	Phenol	140	U	140	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	110	U	110	250	990	ug/Kg
95-57-8	2-Chlorophenol	66	U	66	130	510	ug/Kg
95-48-7	2-Methylphenol	120	U	120	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	87	U	87	250	990	ug/Kg
98-86-2	Acetophenone	180	U	180	250	990	ug/Kg
106-44-5	4-Methylphenol	120	U	120	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	130	510	ug/Kg
67-72-1	Hexachloroethane	48	U	48	130	510	ug/Kg
98-95-3	Nitrobenzene	81	U	81	130	510	ug/Kg
78-59-1	Isophorone	110	U	110	130	510	ug/Kg
88-75-5	2-Nitrophenol	90	U	90	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	26	U	26	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	93	U	93	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	130	510	ug/Kg
91-20-3	Naphthalene	99	U	99	130	510	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	78	U	78	130	510	ug/Kg
105-60-2	Caprolactam	120	U	120	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	57	U	57	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	57	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	130	510	ug/Kg

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BN052224
Lab Sample ID:	P2532-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031611.D	1	5/20/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	140	U	140	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	130	510	ug/Kg
88-74-4	2-Nitroaniline	66	U	66	130	510	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	78	U	78	130	510	ug/Kg
208-96-8	Acenaphthylene	140	U	140	130	510	ug/Kg
99-09-2	3-Nitroaniline	42	U	42	250	990	ug/Kg
83-32-9	Acenaphthene	150	U	150	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	96	U	96	250	990	ug/Kg
100-02-7	4-Nitrophenol	33	U	33	250	990	ug/Kg
132-64-9	Dibenzofuran	120	U	120	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	130	510	ug/Kg
84-66-2	Diethylphthalate	120	U	120	130	510	ug/Kg
86-73-7	Fluorene	170	U	170	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	130	510	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	140	U	140	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	300	U	300	130	510	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	130	510	ug/Kg
1912-24-9	Atrazine	33	U	33	250	990	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	250	990	ug/Kg
85-01-8	Phenanthrene	160	U	160	130	510	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	130	510	ug/Kg
120-12-7	Anthracene	140	U	140	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	130	510	ug/Kg
86-74-8	Carbazole	180	U	180	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	130	510	ug/Kg
206-44-0	Fluoranthene	140	U	140	250	510	ug/Kg

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BN052224
Lab Sample ID:	P2532-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031611.D	1	5/20/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	U	140	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	75	U	75	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	130	510	ug/Kg
218-01-9	Chrysene	140	U	140	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	U	140	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	170	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	170	U	170	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	U	160	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	U	140	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	SPK: -40

Report of Analysis

Client:		Date Collected:	5/10/2024 12:00:00 AM
Project:		Date Received:	5/10/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BN052224
Lab Sample ID:	P2532-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN031611.D	1	5/20/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB161011

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	477998	7.693				
1146-65-2	Naphthalene-d8	1990651	10.475				
15067-26-2	Acenaphthene-d10	1250814	14.328				
1517-22-2	Phenanthrene-d10	2459247	17.075				
1719-03-5	Chrysene-d12	1658582	21.304				
1520-96-3	Perylene-d12	1395640	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	140	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.:	BN052224
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
BN031613.D	1	5/17/2024 12:00:00 AM	5/22/2024 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.:	BN052224
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
BN031613.D	1	5/17/2024 12:00:00 AM	5/22/2024 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.:	BN052224
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
BN031613.D	1	5/17/2024 12:00:00 AM	5/22/2024 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	4.809		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	26.69		20-120		67	SPK: -40
4165-62-2	Phenol-d5	27.015		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.201		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.005		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	27.053		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	25.936		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.13		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.62		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.695		1-145		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.797		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	26.819		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.948		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	28.706		20-140		72	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.:	BN052224
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
BN031613.D	1	5/17/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.266		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	28.538		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	28.134		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.736		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	655946	7.693				
1146-65-2	Naphthalene-d8	2860832	10.475				
15067-26-2	Acenaphthene-d10	1820992	14.328				
1517-22-2	Phenanthrene-d10	3618154	17.075				
1719-03-5	Chrysene-d12	2684768	21.304				
1520-96-3	Perylene-d12	2323413	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.:	BN052224
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
BN031614.D	1	5/17/2024 12:00:00 AM	5/22/2024 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	92.1	370	ug/Kg
110-86-1	Pyridine	13	U	13	180	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.:	BN052224
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
BN031614.D	1	5/17/2024 12:00:00 AM	5/22/2024 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.:	BN052224
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
BN031614.D	1	5/17/2024 12:00:00 AM	5/22/2024 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							
17647-74-4	1,4-Dioxane-d8	5.604		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	26.698		20-120		67	SPK: -40
4165-62-2	Phenol-d5	30.241		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.273		10-150		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.754		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	29.835		10-140		75	SPK: -40
4165-60-0	Nitrobenzene-d5	31.274		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.898		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.364		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.876		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.851		10-145		85	SPK: -40
93951-97-4	Acenaphthylene-d8	34.279		15-120		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.477		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	34.746		20-140		87	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.:	BN052224
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
BN031614.D	1	5/17/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.18		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	33.268		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	30.35		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.685		10-140		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	508376	7.693				
1146-65-2	Naphthalene-d8	1994384	10.475				
15067-26-2	Acenaphthene-d10	1082910	14.328				
1517-22-2	Phenanthrene-d10	1987768	17.075				
1719-03-5	Chrysene-d12	1670867	21.304				
1520-96-3	Perylene-d12	1860660	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	170	J			3.464	
000770-35-4	1-Phenoxypropan-2-ol	100	J			11.216	
000057-10-3	n-Hexadecanoic acid	170	J			17.975	
1000406-04-8	Pentadecafluorooctanoic acid, octa	110	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:	BH9T0	SDG No.:	BN052224
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
BN031615.D	1	5/17/2024 12:00:00 AM	5/22/2024 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.:	BN052224
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
BN031615.D	1	5/17/2024 12:00:00 AM	5/22/2024 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.:	BN052224
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
BN031615.D	1	5/17/2024 12:00:00 AM	5/22/2024 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	3.639		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	15.702		20-120		39	SPK: -40
4165-62-2	Phenol-d5	19.49		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.719		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.962		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	21.347		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	22.645		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	5.469		10-120		14	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.349		10-140		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.852		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.354		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	24.504		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.218	*	10-150		3	SPK: -40
81103-79-9	Fluorene-d10	26.124		20-140		65	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.:	BN052224
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
BN031615.D	1	5/17/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.207	*	10-130		1	SPK: -40
1719-06-8	Anthracene-d10	25.138		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	27.549		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.418		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	603871	7.693				
1146-65-2	Naphthalene-d8	2554251	10.475				
15067-26-2	Acenaphthene-d10	1603046	14.328				
1517-22-2	Phenanthrene-d10	3084965	17.075				
1719-03-5	Chrysene-d12	2013430	21.298				
1520-96-3	Perylene-d12	1813299	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
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.:	BN052224
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
BN031616.D	1	5/17/2024 12:00:00 AM	5/22/2024 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.:	BN052224
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
BN031616.D	1	5/17/2024 12:00:00 AM	5/22/2024 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.:	BN052224
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
BN031616.D	1	5/17/2024 12:00:00 AM	5/22/2024 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	4.384		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	18.835		20-120		47	SPK: -40
4165-62-2	Phenol-d5	25.103		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.085		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.994		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	24.82		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	24.768		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.199		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.878		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.068		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.487		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.893		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.735		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	27.627		20-140		69	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.:	BN052224
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
BN031616.D	1	5/17/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.807		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	28.336		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	25.712		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.211		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	477002	7.693				
1146-65-2	Naphthalene-d8	1901072	10.475				
15067-26-2	Acenaphthene-d10	1056890	14.328				
1517-22-2	Phenanthrene-d10	1911196	17.075				
1719-03-5	Chrysene-d12	1595933	21.298				
1520-96-3	Perylene-d12	1838658	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	120	J			3.458	
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.:	BN052224
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
BN031617.D	1	5/17/2024 12:00:00 AM	5/22/2024 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.:	BN052224
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
BN031617.D	1	5/17/2024 12:00:00 AM	5/22/2024 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.:	BN052224
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
BN031617.D	1	5/17/2024 12:00:00 AM	5/22/2024 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	4.297		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	12.382		20-120		31	SPK: -40
4165-62-2	Phenol-d5	24.572		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.422		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.974		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	16.841		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	24.426		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.99		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.549		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.608		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.023		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	25.57		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.375		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	26.901		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.:	BN052224
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
BN031617.D	1	5/17/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.06		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	25.1		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	25.867		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.038		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	469088	7.693				
1146-65-2	Naphthalene-d8	1863447	10.475				
15067-26-2	Acenaphthene-d10	1026400	14.328				
1517-22-2	Phenanthrene-d10	1854228	17.075				
1719-03-5	Chrysene-d12	1512801	21.298				
1520-96-3	Perylene-d12	1760798	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.122	200	J			3.122	
000057-55-6	Propylene Glycol	76	J			3.464	
000057-10-3	n-Hexadecanoic acid	150	J			17.974	
1000282-98-2	Dichloroacetic acid, heptadecyl es	75	J			20.992	
E966796	Total Alkanes	200				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.:	BN052224
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
BN031618.D	1	5/17/2024 12:00:00 AM	5/22/2024 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	89	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.:	BN052224
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
BN031618.D	1	5/17/2024 12:00:00 AM	5/22/2024 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.:	BN052224
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
BN031618.D	1	5/17/2024 12:00:00 AM	5/22/2024 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	4.406		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	15.318		20-120		38	SPK: -40
4165-62-2	Phenol-d5	27.618		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.075		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.209		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	16.585		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	25.991		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.363		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.519		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.196		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.238		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	27.856		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.814		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	28.755		20-140		72	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.:	BN052224
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
BN031618.D	1	5/17/2024 12:00:00 AM	5/22/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.083		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	24.937		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	32.361		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.681		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	591275	7.693				
1146-65-2	Naphthalene-d8	2569999	10.475				
15067-26-2	Acenaphthene-d10	1563696	14.328				
1517-22-2	Phenanthrene-d10	2842069	17.075				
1719-03-5	Chrysene-d12	1743006	21.298				
1520-96-3	Perylene-d12	1816069	24.239				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain3.122	190	J			3.122	
000770-35-4	1-Phenoxypropan-2-ol	87	J			11.216	
000057-10-3	n-Hexadecanoic acid	400	J			17.98	
000112-79-8	9-Octadecenoic acid, (E)-	79	J			19.145	
000057-11-4	Octadecanoic acid	190	J			19.263	
959085-66-6	Heptadecyl heptafluorobutyrate	140	J			20.992	
E966796	Total Alkanes	190				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.:	BN052224
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
BN031619.D	1	5/17/2024 12:00:00 AM	5/23/2024 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.:	BN052224
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
BN031619.D	1	5/17/2024 12:00:00 AM	5/23/2024 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.:	BN052224
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
BN031619.D	1	5/17/2024 12:00:00 AM	5/23/2024 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	4.001		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	16.425		20-120		41	SPK: -40
4165-62-2	Phenol-d5	22.447		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.43		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.674		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	22.244		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	23.232		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.874		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.759		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.83		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.604		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	24.085		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.763		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	23.9		20-140		60	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.:	BN052224
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
BN031619.D	1	5/17/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.552		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	24.083		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	21.062		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.336		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	614749	7.693				
1146-65-2	Naphthalene-d8	2397084	10.475				
15067-26-2	Acenaphthene-d10	1304300	14.328				
1517-22-2	Phenanthrene-d10	2357531	17.075				
1719-03-5	Chrysene-d12	1968150	21.298				
1520-96-3	Perylene-d12	2356927	24.233				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	77	A			4.834	
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.:	BN052224
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
BN031620.D	1	5/17/2024 12:00:00 AM	5/23/2024 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.:	BN052224
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
BN031620.D	1	5/17/2024 12:00:00 AM	5/23/2024 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.:	BN052224
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
BN031620.D	1	5/17/2024 12:00:00 AM	5/23/2024 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	3.526		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	13.028		20-120		33	SPK: -40
4165-62-2	Phenol-d5	19.856		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.113		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.62		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	19.843		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	18.866		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.536		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.051		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.074		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.495		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	19.835		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.347		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	20.241		20-140		51	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.:	BN052224
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
BN031620.D	1	5/17/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160987

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.304		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	19.91		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	22.158		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.933		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	567134	7.693				
1146-65-2	Naphthalene-d8	2440893	10.475				
15067-26-2	Acenaphthene-d10	1498528	14.328				
1517-22-2	Phenanthrene-d10	2791254	17.069				
1719-03-5	Chrysene-d12	1685392	21.298				
1520-96-3	Perylene-d12	1652528	24.227				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	52	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN052224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-WATER-QT2-2024-04							
P2409-02	MDL-WATER-QT2-2024 Water	Total Alkanes	*	0.000	1.9	5	ug/L
		Total Tics :			0.00		
P2409-02	MDL-WATER-QT2-2024 Water	1,1-Biphenyl		5.000	1.9	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	1,2,3,4-Tetrachlorobenzene		4.600	J 0.75	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	1,2,4,5-Tetrachlorobenzene		4.700	J 1.8	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	1,4-Dioxane		1.100	J 0.31	2	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	1-Methylnaphthalene		5.100	0.97	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,2-oxybis(1-Chloropropane)		5.100	J 1.4	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,3,4,6-Tetrachlorophenol		4.100	J 1.8	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,4,5-Trichlorophenol		4.400	J 1.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,4,6-Trichlorophenol		4.300	J 1.9	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,4-Dichlorophenol		4.700	J 1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,4-Dimethylphenol		2.900	J 0.72	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,4-Dinitrophenol		3.500	J 1.9	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,4-Dinitrotoluene		4.400	J 0.97	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,6-Dinitrotoluene		4.000	J 1.3	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2-Chloronaphthalene		4.900	J 1.8	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2-Chlorophenol		4.800	J 1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2-Methylnaphthalene		4.900	J 1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2-Methylphenol		4.400	J 1.5	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2-Nitroaniline		4.100	J 1.2	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2-Nitrophenol		4.600	J 1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	3,3-Dichlorobenzidine		3.600	J 1.4	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	3-Nitroaniline		4.100	J 0.86	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4,6-Dinitro-2-methylphenol		4.100	J 1.7	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Bromophenyl-phenylether		4.500	J 2.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Chloro-3-methylphenol		4.500	J 1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Chloroaniline		5.100	J 1.7	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Chlorophenyl-phenylether		5.300	1.9	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Methylphenol		4.700	J 1.6	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Nitroaniline		4.500	J 0.6	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Nitrophenol		5.100	J 1.5	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Acenaphthene		5.000	1.9	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Acenaphthylene		5.000	1.8	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Acetophenone		5.200	J 2.1	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Anthracene		4.600	J 1.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Atrazine		5.300	J 1.2	10	ug/L

Hit Summary Sheet SW-846

SDG No.: BN052224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2409-02	MDL-WATER-QT2-2024 Water	Benzaldehyde	6.300	J	1.4	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(a)anthracene	4.600	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(a)pyrene	4.800	J	2	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(b)fluoranthene	4.700	J	1.6	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(g,h,i)perylene	4.500	J	1.9	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(k)fluoranthene	4.600	J	2.2	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Bis(2-Chloroethoxy)methane	4.800	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Bis(2-Chloroethyl)ether	5.100	J	1.5	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Bis(2-ethylhexyl)phthalate	3.800	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Butylbenzylphthalate	3.600	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Caprolactam	4.500	J	1.3	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Carbazole	4.900	J	2	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Chrysene	4.700	J	1.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Di-n-butylphthalate	4.400	J	1.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Di-n-octyl phthalate	3.400	J	1.3	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Dibenzo(a,h)anthracene	4.500	J	2	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Dibenzofuran	5.000		1.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Diethylphthalate	4.900	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Dimethylphthalate	5.000		1.6	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Fluoranthene	4.600	J	1.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Fluorene	5.200		2	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Hexachlorobenzene	4.900	J	1.9	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Hexachlorobutadiene	4.900	J	1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Hexachlorocyclopentadiene	4.600	J	1.4	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Hexachloroethane	4.900	J	0.89	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Indeno(1,2,3-cd)pyrene	4.400	J	1.9	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Isophorone	4.700	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	N-Nitroso-di-n-propylamine	4.800	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	N-Nitrosodiphenylamine	4.800	J	1.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Naphthalene	5.000		1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Nitrobenzene	4.900	J	1.3	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Pentachlorobenzene	4.900	J	1.3	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Pentachlorophenol	4.100	J	1.7	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Phenanthrene	5.000		1.8	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Phenol	4.900	J	1.7	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Pyrene	4.800	J	1.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Pyridine	5.100	J	0.85	10	ug/L

Total Svoc :

330.80

Total Concentration:

330.80

Client ID : MDL-SOIL-QT2-2024-04

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SDG No.: BN052224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Total Alkanes	*	0.000	46	170	ug/Kg
			Total Tics :			0.00		
P2409-04	MDL-SOIL-QT2-2024-0	Solid	1,1-Biphenyl	160.000	J	46	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	1,2,3,4-Tetrachlorobenzene	140.000	J	5.6	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	1,2,4,5-Tetrachlorobenzene	160.000	J	45	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	1,4-Dioxane	37.000	J	12	66	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	1-Methylnaphthalene	170.000		19	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,2-oxybis(1-Chloropropane)	170.000	J	29	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,3,4,6-Tetrachlorophenol	150.000	J	52	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,4,5-Trichlorophenol	140.000	J	49	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,4,6-Trichlorophenol	140.000	J	50	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,4-Dichlorophenol	160.000	J	34	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,4-Dimethylphenol	96.000	J	8.5	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,4-Dinitrophenol	120.000	J	32	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,4-Dinitrotoluene	150.000	J	13	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,6-Dinitrotoluene	140.000	J	26	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2-Chloronaphthalene	160.000	J	44	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2-Chlorophenol	160.000	J	22	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2-Methylnaphthalene	170.000		37	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2-Methylphenol	150.000	J	39	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2-Nitroaniline	140.000	J	22	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2-Nitrophenol	150.000	J	30	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	3,3-Dichlorobenzidine	110.000	J	25	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	3-Nitroaniline	140.000	J	14	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4,6-Dinitro-2-methylphenol	140.000	J	39	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Bromophenyl-phenylether	150.000	J	99	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Chloro-3-methylphenol	150.000	J	36	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Chloroaniline	170.000	J	44	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Chlorophenyl-phenylether	180.000		48	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Methylphenol	160.000	J	41	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Nitroaniline	150.000	J	16	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Nitrophenol	170.000	J	11	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Acenaphthene	170.000		50	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Acenaphthylene	170.000		46	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Acetophenone	180.000	J	59	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Anthracene	150.000	J	47	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Atrazine	180.000	J	11	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzaldehyde	210.000	J	48	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(a)anthracene	160.000	J	39	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(a)pyrene	160.000	J	57	170	ug/Kg

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SDG No.: BN052224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(b)fluoranthene	160.000	J	48	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(g,h,i)perylene	150.000	J	46	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(k)fluoranthene	160.000	J	58	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Bis(2-Chloroethoxy)methane	160.000	J	31	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Bis(2-Chloroethyl)ether	170.000	J	35	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Bis(2-ethylhexyl)phthalate	140.000	J	43	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Butylbenzylphthalate	140.000	J	43	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Caprolactam	160.000	J	40	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Carbazole	160.000	J	61	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Chrysene	170.000		46	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Di-n-butylphthalate	150.000	J	57	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Di-n-octyl phthalate	120.000	J	43	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Dibenzo(a,h)anthracene	140.000	J	52	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Dibenzofuran	170.000		40	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Diethylphthalate	180.000		41	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Dimethylphthalate	170.000		38	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Fluoranthene	170.000		45	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Fluorene	180.000		58	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Hexachlorobenzene	150.000	J	50	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Hexachlorobutadiene	160.000	J	26	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Hexachlorocyclopentadiene	150.000	J	19	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Hexachloroethane	160.000	J	16	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Indeno(1,2,3-cd)pyrene	140.000	J	45	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Isophorone	160.000	J	36	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	N-Nitroso-di-n-propylamine	170.000		37	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	N-Nitrosodiphenylamine	150.000	J	45	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Naphthalene	160.000	J	33	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Nitrobenzene	160.000	J	27	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Pentachlorobenzene	160.000	J	36	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Pentachlorophenol	140.000	J	38	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Phenanthrene	170.000		53	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Phenol	160.000	J	45	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Pyrene	170.000		46	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Pyridine	170.000	J	12	330	ug/Kg
Total Svoc :				11,143.00				
Total Concentration:				11,143.00				

Client ID : MDL-MED-SOIL-QT2-2024-04

P2409-06	MDL-MED-SOIL-QT2-2 Solid	Total Alkanes	*	0.000	1300	4700	ug/Kg
Total Tics :				0.00			
P2409-06	MDL-MED-SOIL-QT2-2 Solid	1,1-Biphenyl		4,700.000	1300	4700	ug/Kg

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SDG No.: BN052224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1,2,3,4-Tetrachlorobenzene	4,000.000	J	270	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1,2,4,5-Tetrachlorobenzene	4,400.000	J	1300	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1,4-Dioxane	1,100.000	J	330	1900	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1-Methylnaphthalene	4,900.000		490	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,2-oxybis(1-Chloropropane)	4,800.000	J	790	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,3,4,6-Tetrachlorophenol	4,200.000	J	1500	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4,5-Trichlorophenol	4,200.000	J	1300	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4,6-Trichlorophenol	4,000.000	J	1500	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4-Dichlorophenol	4,400.000	J	890	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4-Dimethylphenol	2,700.000	J	260	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4-Dinitrophenol	3,500.000	J	750	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4-Dinitrotoluene	4,400.000	J	310	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,6-Dinitrotoluene	3,900.000	J	580	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Chloronaphthalene	4,600.000	J	1300	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Chlorophenol	4,500.000	J	620	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Methylnaphthalene	4,700.000		1100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Methylphenol	4,300.000	J	1100	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Nitroaniline	4,000.000	J	420	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Nitrophenol	4,300.000	J	1000	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	3,3-Dichlorobenzidine	3,300.000	J	720	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	3-Nitroaniline	4,000.000	J	230	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4,6-Dinitro-2-methylphenol	3,900.000	J	1100	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Bromophenyl-phenylether	4,300.000	J	2600	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Chloro-3-methylphenol	4,400.000	J	1100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Chloroaniline	4,800.000	J	1200	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Chlorophenyl-phenylether	5,100.000		1500	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Methylphenol	4,600.000	J	1200	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Nitroaniline	4,500.000	J	530	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Nitrophenol	5,000.000	J	180	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Acenaphthene	4,800.000		1400	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Acenaphthylene	4,900.000		1400	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Acetophenone	5,000.000	J	1600	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Anthracene	4,300.000	J	1500	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Atrazine	5,100.000	J	260	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzaldehyde	6,000.000	J	1300	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(a)anthracene	4,200.000	J	1000	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(a)pyrene	4,500.000	J	1600	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(b)fluoranthene	4,500.000	J	1600	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(g,h,i)perylene	4,000.000	J	1600	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(k)fluoranthene	4,500.000	J	1700	4700	ug/Kg

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SDG No.: BN052224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Bis(2-Chloroethoxy)methane	4,600.000	J	870	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Bis(2-Chloroethyl)ether	4,800.000	J	830	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Bis(2-ethylhexyl)phthalate	3,600.000	J	1100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Butylbenzylphthalate	3,800.000	J	1100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Caprolactam	4,500.000	J	1400	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Carbazole	4,700.000	J	1800	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Chrysene	4,500.000	J	1100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Di-n-butylphthalate	4,300.000	J	1700	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Di-n-octyl phthalate	3,400.000	J	1300	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Dibenzo(a,h)anthracene	4,000.000	J	1600	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Dibenzofuran	4,900.000		1300	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Diethylphthalate	5,000.000		1200	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Dimethylphthalate	5,000.000		1100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Fluoranthene	4,600.000	J	1200	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Fluorene	5,100.000		1700	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Hexachlorobenzene	4,700.000		1400	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Hexachlorobutadiene	4,600.000	J	690	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Hexachlorocyclopentadiene	4,000.000	J	630	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Hexachloroethane	4,600.000	J	390	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Indeno(1,2,3-cd)pyrene	3,900.000	J	1500	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Isophorone	4,500.000	J	1100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	N-Nitroso-di-n-propylamine	4,700.000		910	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	N-Nitrosodiphenylamine	4,300.000	J	1400	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Naphthalene	4,700.000		1000	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Nitrobenzene	4,600.000	J	870	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Pentachlorobenzene	4,400.000	J	1000	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Pentachlorophenol	3,800.000	J	1100	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Phenanthrene	4,700.000		1600	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Phenol	4,700.000	J	1200	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Pyrene	4,800.000		1100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Pyridine	4,900.000	J	200	9400	ug/Kg

Total Svoc : 316,000.00

Total Concentration: 316,000.00

Client ID : BH9S5

P2484-17	BH9S5	Solid	1-Phenoxypropan-2-ol	*	100.000	J		
P2484-17	BH9S5	Solid	n-Hexadecanoic acid	*	170.000	J		
P2484-17	BH9S5	Solid	Pentadecafluorooctanoic acid, oct:	*	110.000	J		
P2484-17	BH9S5	Solid	Propylene Glycol	*	170.000	J		
P2484-17	BH9S5	Solid	Total Alkanes	*	0.000		51	190 ug/Kg

Total Tics : 550.00

Hit Summary Sheet SW-846

SDG No.: BN052224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:						550.00		
Client ID : BH9T0								
P2484-18	BH9T0	Solid	Total Alkanes	*	0.000	51	190	ug/Kg
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : BH9T1								
P2484-19	BH9T1	Solid	Propylene Glycol	*	120.000	J		
P2484-19	BH9T1	Solid	Total Alkanes	*	0.000	55	200	ug/Kg
Total Tics :						120.00		
Total Concentration:						120.00		
Client ID : BH9Q0								
P2484-21	BH9Q0	Solid	(DEL) Alkane: Straight-Chain3.12	*	200.000	J		
P2484-21	BH9Q0	Solid	Dichloroacetic acid, heptadecyl es	*	75.000	J		
P2484-21	BH9Q0	Solid	n-Hexadecanoic acid	*	150.000	J		
P2484-21	BH9Q0	Solid	Propylene Glycol	*	76.000	J		
P2484-21	BH9Q0	Solid	Total Alkanes	*	200.000	49	180	ug/Kg
Total Tics :						701.00		
Total Concentration:						701.00		
Client ID : BH9Q1								
P2484-22	BH9Q1	Solid	(DEL) Alkane: Straight-Chain3.12	*	190.000	J		
P2484-22	BH9Q1	Solid	1-Phenoxypropan-2-ol	*	87.000	J		
P2484-22	BH9Q1	Solid	9-Octadecenoic acid, (E)-	*	79.000	J		
P2484-22	BH9Q1	Solid	Heptadecyl heptafluorobutyrate	*	140.000	J		
P2484-22	BH9Q1	Solid	n-Hexadecanoic acid	*	400.000	J		
P2484-22	BH9Q1	Solid	Octadecanoic acid	*	190.000	J		
P2484-22	BH9Q1	Solid	Total Alkanes	*	190.000	51	190	ug/Kg
Total Tics :						1,276.00		
P2484-22	BH9Q1	Solid	Acetophenone		89.000	J 65	360	ug/Kg
Total Svoc :						89.00		
Total Concentration:						1,365.00		
Client ID : BH9S6								
P2484-23	BH9S6	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	77.000	A		
P2484-23	BH9S6	Solid	Total Alkanes	*	0.000	51	190	ug/Kg
Total Tics :						77.00		
Total Concentration:						77.00		
Client ID : BH9S7								
P2484-24	BH9S7	Solid	Total Alkanes	*	0.000	52	190	ug/Kg
Total Tics :						0.00		

Hit Summary Sheet SW-846

SDG No.: BN052224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			0.00		
Client ID :	SVOC-GPC-BLANK							
P2532-05	SVOC-GPC-BLANK	Solid	Total Alkanes	*	0.000	140	510	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	SVOC-GPC2-BLANK							
P2532-10	SVOC-GPC2-BLANK	Solid	Total Alkanes	*	0.000	140	510	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN052124 SAS No.: BN052124 SDG No.: BN052124

Instrument ID: _____ Calibration Date(s): 5/21/2024 : _____

Calibration Time(s): 11:53 : _____

LAB FILE ID:		RRFAL1 = BN031595.D		RRFAL2 = BN031596.D		RRFAL3 = BN031597.D		
		RRFAL4 = BN031598.D		RRFAL5 = BN031599.D		RRFAL6 = BN031600.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.543	0.530	0.553	0.523	0.511		0.532	3.1
Benzaldehyde		0.985	0.937	0.961	0.782	0.551	0.843	21.5
Pyridine		1.460	1.443	1.443	1.339	1.244	1.386	6.7
Hexachloroethane	0.550	0.573	0.574	0.584	0.561		0.568	2.3
Nitrobenzene	0.368	0.373	0.374	0.379	0.361		0.371	1.8
Isophorone	0.682	0.736	0.679	0.737	0.693		0.705	4.1
2-Nitrophenol	0.140	0.154	0.161	0.176	0.174		0.161	9.1
2,4-Dimethylphenol	0.327	0.325	0.327	0.339	0.327		0.329	1.6
Bis(2-Chloroethoxy)methane	0.452	0.466	0.438	0.455	0.436		0.450	2.8
2,4-Dichlorophenol	0.272	0.280	0.278	0.290	0.281		0.280	2.3
Naphthalene	1.059	1.052	1.035	1.031	0.970		1.029	3.4
4-Chloroaniline		0.430	0.396	0.418	0.391	0.352	0.398	7.5
Hexachlorobutadiene	0.170	0.173	0.175	0.172	0.168		0.171	1.6
Phenol		1.729	1.737	1.787	1.726	1.481	1.692	7.1
Caprolactam		0.094	0.077	0.096	0.095	0.092	0.091	8.3
4-Chloro-3-methylphenol	0.285	0.317	0.288	0.322	0.309		0.304	5.5
1-Methylnaphthalene	0.673	0.707	0.642	0.684	0.627		0.667	4.8
2-Methylnaphthalene	0.680	0.709	0.658	0.685	0.636		0.674	4.1
Hexachlorocyclopentadiene		0.307	0.337	0.349	0.355	0.348	0.339	5.6
2,4,6-Trichlorophenol	0.313	0.338	0.347	0.377	0.374		0.350	7.6
2,4,5-Trichlorophenol	0.344	0.373	0.379	0.400	0.397		0.379	6.0
1,1-Biphenyl	1.440	1.462	1.475	1.465	1.367		1.442	3.0
2-Chloronaphthalene	1.148	1.164	1.164	1.142	1.090		1.142	2.7
2-Nitroaniline	0.252	0.295	0.295	0.328	0.324		0.299	10.3
Bis(2-Chloroethyl)ether		1.460	1.442	1.481	1.400	1.238	1.404	6.9
Dimethylphthalate	1.233	1.361	1.239	1.329	1.269		1.286	4.4
2,6-Dinitrotoluene	0.194	0.244	0.231	0.277	0.279		0.245	14.3
Acenaphthylene	1.810	1.914	1.853	1.837	1.704		1.824	4.2
3-Nitroaniline		0.270	0.266	0.294	0.283	0.278	0.278	3.9
Acenaphthene	1.195	1.221	1.171	1.196	1.125		1.182	3.1
2,4-Dinitrophenol		0.083	0.081	0.115	0.132	0.152	0.113	27.4
4-Nitrophenol		0.184	0.167	0.181	0.178	0.189	0.180	4.5
Dibenzofuran	1.588	1.645	1.579	1.596	1.478		1.577	3.9
2,4-Dinitrotoluene	0.262	0.339	0.313	0.364	0.364		0.328	13.0
Diethylphthalate	1.119	1.316	1.153	1.265	1.206		1.212	6.6
2-Chlorophenol	1.282	1.343	1.334	1.374	1.320		1.330	2.5

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.: BN052124 SAS No.: BN052124 SDG No.: BN052124

Instrument ID: _____ Calibration Date(s): 5/21/2024 : _____

Calibration Time(s): 11:53 : _____

LAB FILE ID:		RRFAL1 = BN031595.D		RRFAL2 = BN031596.D		RRFAL3 = BN031597.D		
		RRFAL4 = BN031598.D		RRFAL5 = BN031599.D		RRFAL6 = BN031600.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.265	1.347	1.254	1.234	1.078		1.236	7.9
4-Chlorophenyl-phenylether	0.604	0.649	0.592	0.600	0.529		0.595	7.2
4-Nitroaniline		0.261	0.245	0.261	0.236	0.245	0.250	4.4
4,6-Dinitro-2-methylphenol		0.077	0.078	0.101	0.108	0.110	0.095	16.9
N-Nitrosodiphenylamine	0.587	0.600	0.588	0.595	0.575		0.589	1.6
1,2,4,5-Tetrachlorobenzene	0.571	0.554	0.578	0.571	0.556		0.566	1.9
4-Bromophenyl-phenylether	0.190	0.201	0.203	0.208	0.206		0.201	3.4
Hexachlorobenzene	0.212	0.223	0.213	0.222	0.216		0.217	2.3
Atrazine		0.177	0.149	0.168	0.154	0.144	0.158	8.7
Pentachlorophenol		0.113	0.115	0.129	0.133	0.130	0.124	7.8
2-Methylphenol		1.279	1.259	1.360	1.318	1.123	1.268	7.1
Phenanthrene	1.030	1.055	1.035	1.010	0.945		1.015	4.2
Pentachlorobenzene	0.293	0.277	0.291	0.296	0.282		0.288	2.8
Anthracene	1.020	1.071	1.033	1.028	0.939		1.018	4.8
1,2,3,4-Tetrachlorobenzene	0.326	0.282	0.341	0.323	0.317		0.318	6.8
Carbazole		0.919	0.913	0.883	0.826	0.804	0.869	5.9
Di-n-butylphthalate	0.935	1.032	1.007	1.018	0.996		0.998	3.7
Fluoranthene	1.436	1.759	1.350	1.661	1.548		1.551	10.7
Pyrene	1.564	1.766	1.458	1.642	1.520		1.590	7.5
Butylbenzylphthalate	0.463	0.546	0.489	0.596	0.605		0.540	11.7
3,3-Dichlorobenzidine		0.379	0.388	0.412	0.399	0.344	0.385	6.7
2,2-oxybis (1-Chloropropane)		1.726	1.664	1.727	1.611	1.381	1.622	8.8
Benzo (a) anthracene	1.300	1.357	1.326	1.395	1.347		1.345	2.6
Chrysene	1.207	1.283	1.218	1.281	1.223		1.242	2.9
Bis (2-ethylhexyl) phthalate	0.648	0.725	0.723	0.800	0.799		0.739	8.6
Di-n-octyl phthalate		1.096	1.078	1.219	1.256	1.067	1.143	7.7
Benzo (b) fluoranthene	1.108	1.144	1.130	1.246	1.208		1.167	4.9
Benzo (k) fluoranthene	1.101	1.204	1.181	1.228	1.234		1.190	4.5
Benzo (a) pyrene	1.025	1.092	1.123	1.193	1.173		1.121	6.0
Indeno (1,2,3-cd) pyrene	1.236	1.251	1.350	1.412	1.478		1.346	7.7
Dibenzo (a,h) anthracene	1.031	1.031	1.113	1.154	1.211		1.108	7.1
Benzo (g,h,i) perylene	1.043	1.020	1.131	1.164	1.201		1.112	7.0
Acetophenone		2.197	2.027	2.154	1.971	1.591	1.988	12.1
2,3,4,6-Tetrachlorophenol	0.243	0.283	0.262	0.294	0.294		0.275	8.0
1,4-Dioxane-d8	0.532	0.504	0.517	0.496	0.474		0.505	4.4
Pyridine-d5		1.486	1.465	1.457	1.359	1.273	1.408	6.4

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.: BN052124 SAS No.: BN052124 SDG No.: BN052124
Instrument ID: _____ Calibration Date(s): 5/21/2024 : _____
Calibration Time(s): 11:53 : _____

LAB FILE ID:		RRFAL1 = BN031595.D			RRFAL2 = BN031596.D		RRFAL3 = BN031597.D	
		RRFAL4 = BN031598.D			RRFAL5 = BN031599.D		RRFAL6 = BN031600.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.653	1.666	1.730	1.688	1.496	1.646	5.4
Bis-(2-Chloroethyl)ether-d8		1.034	1.014	1.043	0.981	0.865	0.987	7.3
2-Chlorophenol-d4	1.199	1.262	1.274	1.321	1.287		1.269	3.5
4-Methylphenol-d8		1.288	1.248	1.389	1.331	1.116	1.275	8.1
Nitrobenzene-d5	0.142	0.149	0.151	0.158	0.157		0.151	4.5
2-Nitrophenol-d4	0.123	0.135	0.141	0.159	0.165		0.145	12.0
2,4-Dichlorophenol-d3	0.266	0.286	0.277	0.297	0.287		0.283	4.2
4-Chloroaniline-d4		0.442	0.400	0.432	0.398	0.366	0.407	7.4
4-Methylphenol		1.397	1.335	1.460	1.390	1.152	1.347	8.7
Dimethylphthalate-d6	1.190	1.339	1.215	1.305	1.253		1.260	4.9
Acenaphthylene-d8	1.526	1.619	1.599	1.634	1.521		1.580	3.3
4-Nitrophenol-d4		0.231	0.218	0.244	0.244	0.255	0.238	6.0
Fluorene-d10	1.076	1.144	1.078	1.114	1.049		1.092	3.4
4,6-Dinitro-2-methylphenol		0.067	0.068	0.091	0.102	0.104	0.086	20.8
Anthracene-d10	0.838	0.877	0.854	0.851	0.813		0.847	2.8
Pyrene-d10	1.204	1.408	1.130	1.288	1.242		1.255	8.2
Benzo(a)pyrene-d12	0.872	0.913	0.916	0.991	1.015		0.941	6.3
N-Nitroso-di-n-propylamine	0.987	1.096	0.981	1.076	0.967		1.021	5.9

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.: BN052224 SAS No.: BN052224 SDG NO.: BN052224

EPA Sample No.: SSTD020247 Date Analyzed: May 22 2024 12:00AM

Lab File ID: BN031597.D Time Analyzed: 09:47

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	477170	7.693	1.92628e+00	10.48	1.04031e+00	14.33
UPPER LIMIT	954340	8.193	3852560	10.975	2080620	14.828
LOWER LIMIT	238585	7.193	963140	9.975	520155	13.828
EPA SAMPLE NO.						
01 SBLK908	433164	7.69	1.84268e	10.48	1.1742e+	14.33
02 MDL-WATER-QT2-2024-04	472446	7.69	1.97287e	10.48	1.16976e	14.33
03 MDL-SOIL-QT2-2024-04	466111	7.69	2.00683e	10.48	1.22335e	14.33
04 MDL-MED-SOIL-QT2-2024-04	478207	7.69	2.04595e	10.48	1.25707e	14.33
05 SBLK910	439870	7.69	1.87612e	10.47	1.18137e	14.33
06 SBLK913	418737	7.69	1.77933e	10.48	1.1238e+	14.33
07 SVOC-GPC-BLANK	424918	7.69	1.63937e	10.48	902461	14.33
08 SVOC-GPC2-BLANK	477998	7.69	1.99065e	10.48	1.25081e	14.33
09 SBLK987	655946	7.69	2.86083e	10.48	1.82099e	14.33
10 BH9S5	508376	7.69	1.99438e	10.48	1.08291e	14.33
11 BH9T0	603871	7.69	2.55425e	10.48	1.60305e	14.33
12 BH9T1	477002	7.69	1.90107e	10.48	1.05689e	14.33
13 BH9Q0	469088	7.69	1.86345e	10.48	1.0264e+	14.33
14 BH9Q1	591275	7.69	2.57e+00	10.48	1.5637e+	14.33
15 BH9S6	614749	7.69	2.39708e	10.48	1.3043e+	14.33
16 BH9S7	567134	7.69	2.44089e	10.48	1.49853e	14.33



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052224 SAS No.: BN052224 SDG NO.: BN052224

EPA Sample No.: SSTD020247 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BN031597.D Time Analyzed: 00:48

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	477170	7.693	1.92628e+06	10.48	1.04031e+006	14.33
UPPER LIMIT	954340	8.193	3852560	10.975	2080620	14.828
LOWER LIMIT	238585	7.193	963140	9.975	520155	13.828
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052224 SAS No.: BN052224 SDG NO.: BN052224

EPA Sample No.: SSTD020255 Date Analyzed: May 22 2024 12:00AM

Lab File ID: BN031603.D Time Analyzed: 09:47

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	610348	7.687	2.61915e+01	10.47	1.65533e+001	14.33
UPPER LIMIT	1220696	8.187	5238300	10.969	3310660	14.828
LOWER LIMIT	305174	7.187	1309575	9.969	827665	13.828
EPA SAMPLE NO.						
01 SBLK908	433164	7.69	1.84268e	10.48	1.1742e+	14.33
02 MDL-WATER-QT2-2024-04	472446	7.69	1.97287e	10.48	1.16976e	14.33
03 MDL-SOIL-QT2-2024-04	466111	7.69	2.00683e	10.48	1.22335e	14.33
04 MDL-MED-SOIL-QT2-2024-04	478207	7.69	2.04595e	10.48	1.25707e	14.33
05 SBLK910	439870	7.69	1.87612e	10.47	1.18137e	14.33
06 SBLK913	418737	7.69	1.77933e	10.48	1.1238e+	14.33
07 SVOC-GPC-BLANK	424918	7.69	1.63937e	10.48	902461	14.33
08 SVOC-GPC2-BLANK	477998	7.69	1.99065e	10.48	1.25081e	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.: BN052224 SAS No.: BN052224 SDG NO.: BN052224

EPA Sample No.: SSTD020256 Date Analyzed: May 22 2024 12:00AM

Lab File ID: BN031612.D Time Analyzed: 20:11

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	497539	7.693	1.99336e+00	10.48	1.10575e+00	14.33
UPPER LIMIT	995078	8.193	3986720	10.975	2211500	14.828
LOWER LIMIT	248769.5	7.193	996680	9.975	552875	13.828
EPA SAMPLE NO.						
01 SBLK987	655946	7.69	2.86083e	10.48	1.82099e	14.33
02 BH9S5	508376	7.69	1.99438e	10.48	1.08291e	14.33
03 BH9T0	603871	7.69	2.55425e	10.48	1.60305e	14.33
04 BH9T1	477002	7.69	1.90107e	10.48	1.05689e	14.33
05 BH9Q0	469088	7.69	1.86345e	10.48	1.0264e+	14.33
06 BH9Q1	591275	7.69	2.57e+00	10.48	1.5637e+	14.33
07 BH9S6	614749	7.69	2.39708e	10.48	1.3043e+	14.33
08 BH9S7	567134	7.69	2.44089e	10.48	1.49853e	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.: BN052224 SAS No.: BN052224 SDG NO.: BN052224

EPA Sample No.: SSTD020247 Date Analyzed: May 22 2024 12:00AM

Lab File ID: BN031597.D Time Analyzed: 09:47

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	1.74209e+01	17.075	1.32825e+	21.304	1.42727e+01	24.233
	UPPER LIMIT	3484180	17.575	2656500	21.804	2854540	24.733
	LOWER LIMIT	871045	16.575	664125	20.804	713635	23.733
	EPA SAMPLE NO.						
01	SBLK908	2.32592	17.08	1.56277e+	21.30	1.39449e+	24.23
02	MDL-WATER-QT2-2024-04	2.13543	17.08	1.45621e+	21.30	1.34594e+	24.23
03	MDL-SOIL-QT2-2024-04	2.37849	17.08	1.4893e+0	21.30	1.30429e+	24.24
04	MDL-MED-SOIL-QT2-2024-04	2.45843	17.08	1.58928e+	21.30	1.33124e+	24.23
05	SBLK910	2.24237	17.08	1.53106e+	21.30	1.32579e+	24.25
06	SBLK913	2.18037	17.08	1.47711e+	21.30	1.28023e+	24.24
07	SVOC-GPC-BLANK	1.67051	17.07	1.41493e+	21.30	1.57244e+	24.24
08	SVOC-GPC2-BLANK	2.45925	17.08	1.65858e+	21.30	1.39564e+	24.23
09	SBLK987	3.61815*	17.08	2.68477e+ *	21.30	2.32341e+	24.24
10	BH9S5	1.98777	17.08	1.67087e+	21.30	1.86066e+	24.24
11	BH9T0	3.08497	17.08	2.01343e+	21.30	1.8133e+0	24.23
12	BH9T1	1.9112e	17.08	1.59593e+	21.30	1.83866e+	24.23
13	BH9Q0	1.85423	17.08	1.5128e+0	21.30	1.7608e+0	24.23
14	BH9Q1	2.84207	17.08	1.74301e+	21.30	1.81607e+	24.24
15	BH9S6	2.35753	17.08	1.96815e+	21.30	2.35693e+	24.23
16	BH9S7	2.79125	17.07	1.68539e+	21.30	1.65253e+	24.23

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052224 SAS No.: BN052224 SDG NO.: BN052224

EPA Sample No.: SSTD020247 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BN031597.D Time Analyzed: 00:48

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	1.74209e+01	17.075	1.32825e+01	21.304	1.42727e+01	24.233
UPPER LIMIT	3484180	17.575	2656500	21.804	2854540	24.733
LOWER LIMIT	871045	16.575	664125	20.804	713635	23.733
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN052224 SAS No.: BN052224 SDG NO.: BN052224

EPA Sample No.: SSTD020255 Date Analyzed: May 22 2024 12:00AM

Lab File ID: BN031603.D Time Analyzed: 09:47

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	3.31464e+01	17.075	2.30404e+01	21.304	1.9976e+00	24.239
UPPER LIMIT	6629280	17.575	4608080	21.804	3995200	24.739
LOWER LIMIT	1657320	16.575	1152020	20.804	998800	23.739
EPA SAMPLE NO.						
01 SBLK908	2.32592	17.08	1.56277e+01	21.30	1.39449e+01	24.23
02 MDL-WATER-QT2-2024-04	2.13543	17.08	1.45621e+01	21.30	1.34594e+01	24.23
03 MDL-SOIL-QT2-2024-04	2.37849	17.08	1.4893e+01	21.30	1.30429e+01	24.24
04 MDL-MED-SOIL-QT2-2024-04	2.45843	17.08	1.58928e+01	21.30	1.33124e+01	24.23
05 SBLK910	2.24237	17.08	1.53106e+01	21.30	1.32579e+01	24.25
06 SBLK913	2.18037	17.08	1.47711e+01	21.30	1.28023e+01	24.24
07 SVOC-GPC-BLANK	1.67051	17.07	1.41493e+01	21.30	1.57244e+01	24.24
08 SVOC-GPC2-BLANK	2.45925	17.08	1.65858e+01	21.30	1.39564e+01	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.: BN052224 SAS No.: BN052224 SDG NO.: BN052224

EPA Sample No.: SSTD020256 Date Analyzed: May 22 2024 12:00AM

Lab File ID: BN031612.D Time Analyzed: 20:11

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	1.9817e+00	17.075	1.66559e+	21.304	1.79178e+00	24.239
UPPER LIMIT	3963400	17.575	3331180	21.804	3583560	24.739
LOWER LIMIT	990850	16.575	832795	20.804	895890	23.739
EPA SAMPLE NO.						
01 SBLK987	3.61815	17.08	2.68477e+	21.30	2.32341e+	24.24
02 BH9S5	1.98777	17.08	1.67087e+	21.30	1.86066e+	24.24
03 BH9T0	3.08497	17.08	2.01343e+	21.30	1.8133e+0	24.23
04 BH9T1	1.9112e	17.08	1.59593e+	21.30	1.83866e+	24.23
05 BH9Q0	1.85423	17.08	1.5128e+0	21.30	1.7608e+0	24.23
06 BH9Q1	2.84207	17.08	1.74301e+	21.30	1.81607e+	24.24
07 BH9S6	2.35753	17.08	1.96815e+	21.30	2.35693e+	24.23
08 BH9S7	2.79125	17.07	1.68539e+	21.30	1.65253e+	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.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK908

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN052224

SAS No.: BN052224 SDG NO.: BN052224

Lab File ID: BN031604.D

Lab Sample ID: PB160908BL

Instrument ID: BNA_N

Date Extracted: 05/14/2024

Matrix: (soil/water) Water

Date Analyzed: 05/22/2024

Level: (low/med) LOW

Time Analyzed: 09:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT2-2024-04	P2409-02	BN031605.D	05/22/2024

COMMENTS: _____



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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK910

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN052224

SAS No.: BN052224 SDG NO.: BN052224

Lab File ID: BN031608.D

Lab Sample ID: PB160910BL

Instrument ID: BNA_N

Date Extracted: 05/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/22/2024

Level: (low/med) LOW

Time Analyzed: 16:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT2-2024-04	P2409-04	BN031606.D	05/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK913

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN052224

SAS No.: BN052224 SDG NO.: BN052224

Lab File ID: BN031609.D

Lab Sample ID: PB160913BL

Instrument ID: BNA_N

Date Extracted: 05/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/22/2024

Level: (low/med) MED

Time Analyzed: 16:52

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-QT2-2024-04	P2409-06	BN031607.D	05/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK987

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN052224

SAS No.: BN052224 SDG NO.: BN052224

Lab File ID: BN031613.D

Lab Sample ID: PB160987BL

Instrument ID: BNA_N

Date Extracted: 05/17/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/22/2024

Level: (low/med) LOW

Time Analyzed: 20:11

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	BN031614.D	05/22/2024
BH9T0	P2484-18	BN031615.D	05/22/2024
BH9T1	P2484-19	BN031616.D	05/22/2024
BH9Q0	P2484-21	BN031617.D	05/22/2024
BH9Q1	P2484-22	BN031618.D	05/22/2024
BH9S6	P2484-23	BN031619.D	05/23/2024
BH9S7	P2484-24	BN031620.D	05/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN052224

SAS No.: BN052224 SDG NO.: BN052224

Lab File ID: BN031610.D

Lab Sample ID: P2532-05

Instrument ID: BNA_N

Date Extracted: 05/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/22/2024

Level: (low/med) LOW

Time Analyzed: 17:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC-BLANK	P2532-05	BN031610.D	05/22/2024

COMMENTS: _____



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Fax : 908 789 8922

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BN052224

SAS No.: BN052224 SDG NO.: BN052224

Lab File ID: BN031611.D

Lab Sample ID: P2532-10

Instrument ID: BNA_N

Date Extracted: 05/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/22/2024

Level: (low/med) LOW

Time Analyzed: 18:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	P2532-10	BN031611.D	05/22/2024

COMMENTS:

Surrogate Summary

SW-846

SDG No.: BN052224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-02	MDL-WATER-QT2BN031605.D		1,4-Dioxane-d8	8	5.35	67		15	120
			Pyridine-d5	40	26.61	67		20	120
			Phenol-d5	40	26.36	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.50	66		25	120
			2-Chlorophenol-d4	40	25.26	63		20	130
			4-Methylphenol-d8	40	24.88	62		25	125
			Nitrobenzene-d5	40	25.76	64		20	125
			2-Nitrophenol-d4	40	24.87	62		20	130
			2,4-Dichlorophenol-d3	40	23.94	60		20	120
			4-Chloroaniline-d4	40	26.02	65		1	146
			Dimethylphthalate-d6	40	26.48	66		25	130
			Acenaphthylene-d8	40	25.96	65		10	130
			4-Nitrophenol-d4	40	24.00	60		10	150
			Fluorene-d10	40	26.51	66		25	125
			4,6-Dinitro-2-methylphenol-d2	40	18.63	47		10	130
			Anthracene-d10	40	24.13	60		25	130
			Pyrene-d10	40	25.07	63		15	130
			Benzo(a)pyrene-d12	40	26.59	66		20	130
PB160908BL	PB160908BL	BN031604.D	Pyridine-d5	40	31.14	78		20	120
			1,4-Dioxane-d8	8	5.91	74		15	120
			Phenol-d5	40	30.43	76		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.74	79		25	120
			2-Chlorophenol-d4	40	31.26	78		20	130
			4-Methylphenol-d8	40	31.31	78		25	125
			Nitrobenzene-d5	40	30.93	77		20	125
			2-Nitrophenol-d4	40	30.83	77		20	130
			2,4-Dichlorophenol-d3	40	28.47	71		20	120
			4-Chloroaniline-d4	40	33.59	84		1	146
			Dimethylphthalate-d6	40	35.03	88		25	130
			Acenaphthylene-d8	40	32.05	80		10	130
			4-Nitrophenol-d4	40	30.78	77		10	150
			Fluorene-d10	40	33.34	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.53	56		10	130
			Anthracene-d10	40	32.78	82		25	130
			Pyrene-d10	40	34.25	86		15	130
			Benzo(a)pyrene-d12	40	32.69	82		20	130

Surrogate Summary

SW-846

SDG No.: BN052224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-04	MDL-SOIL-QT2-2(BN031606.D		1,4-Dioxane-d8	8	5.39	67		15	120
			Pyridine-d5	40	26.67	67		20	120
			Phenol-d5	40	26.30	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.82	67		10	150
			2-Chlorophenol-d4	40	25.70	64		15	120
			4-Methylphenol-d8	40	25.53	64		10	140
			Nitrobenzene-d5	40	25.25	63		10	135
			2-Nitrophenol-d4	40	24.82	62		10	120
			2,4-Dichlorophenol-d3	40	23.89	60		10	140
			4-Chloroaniline-d4	40	25.90	65		1	145
			Dimethylphthalate-d6	40	26.76	67		10	145
			Acenaphthylene-d8	40	26.15	65		15	120
			4-Nitrophenol-d4	40	25.16	63		10	150
			Fluorene-d10	40	26.96	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.69	47		10	130
			Anthracene-d10	40	23.64	59		10	150
			Pyrene-d10	40	27.39	68		10	130
			Benzo(a)pyrene-d12	40	26.49	66		10	140
PB160910BL	PB160910BL	BN031608.D	1,4-Dioxane-d8	8	5.71	71		15	120
			Pyridine-d5	40	30.81	77		20	120
			Phenol-d5	40	29.76	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.71	79		10	150
			2-Chlorophenol-d4	40	30.66	77		15	120
			4-Methylphenol-d8	40	30.60	76		10	140
			Nitrobenzene-d5	40	29.62	74		10	135
			2-Nitrophenol-d4	40	28.92	72		10	120
			2,4-Dichlorophenol-d3	40	28.21	71		10	140
			4-Chloroaniline-d4	40	32.48	81		1	145
			Dimethylphthalate-d6	40	33.81	85		10	145
			Acenaphthylene-d8	40	30.08	75		15	120
			4-Nitrophenol-d4	40	28.40	71		10	150
			Fluorene-d10	40	31.86	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.51	54		10	130
			Anthracene-d10	40	32.33	81		10	150
			Pyrene-d10	40	33.20	83		10	130
			Benzo(a)pyrene-d12	40	32.21	81		10	140

Surrogate Summary

SW-846

SDG No.: BN052224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-06	MDL-MED-SOIL-(BN031607.D		Pyridine-d5	40	27.04	68		20	120
			1,4-Dioxane-d8	8	5.41	68		15	120
			Phenol-d5	40	26.50	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.83	67		10	150
			2-Chlorophenol-d4	40	25.81	65		15	120
			4-Methylphenol-d8	40	25.44	64		10	140
			Nitrobenzene-d5	40	25.70	64		10	135
			2-Nitrophenol-d4	40	24.63	62		10	120
			2,4-Dichlorophenol-d3	40	24.22	61		10	140
			4-Chloroaniline-d4	40	26.38	66		1	145
			Dimethylphthalate-d6	40	27.00	68		10	145
			Acenaphthylene-d8	40	25.78	64		15	120
			4-Nitrophenol-d4	40	25.20	63		10	150
			Fluorene-d10	40	27.02	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.24	48		10	130
			Anthracene-d10	40	23.90	60		10	150
			Pyrene-d10	40	26.14	65		10	130
			Benzo(a)pyrene-d12	40	26.27	66		10	140
PB160913BL	PB160913BL	BN031609.D	1,4-Dioxane-d8	8	6.16	77		15	120
			Pyridine-d5	40	32.41	81		20	120
			Phenol-d5	40	31.29	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.20	83		10	150
			2-Chlorophenol-d4	40	31.84	80		15	120
			4-Methylphenol-d8	40	31.62	79		10	140
			Nitrobenzene-d5	40	30.66	77		10	135
			2-Nitrophenol-d4	40	29.89	75		10	120
			2,4-Dichlorophenol-d3	40	28.58	71		10	140
			4-Chloroaniline-d4	40	33.49	84		1	145
			Dimethylphthalate-d6	40	35.15	88		10	145
			Acenaphthylene-d8	40	31.62	79		15	120
			4-Nitrophenol-d4	40	28.73	72		10	150
			Fluorene-d10	40	32.74	82		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.76	54		10	130
			Anthracene-d10	40	33.25	83		10	150
			Pyrene-d10	40	33.93	85		10	130
			Benzo(a)pyrene-d12	40	33.03	83		10	140

Surrogate Summary

SW-846

SDG No.: BN052224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2484-17	BH9S5	BN031614.D	1,4-Dioxane-d8	8	5.60	70		15	120
			Pyridine-d5	40	26.70	67		20	120
			Phenol-d5	40	30.24	76		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.27	78		10	150
			2-Chlorophenol-d4	40	30.75	77		15	120
			4-Methylphenol-d8	40	29.84	75		10	140
			Nitrobenzene-d5	40	31.27	78		10	135
			2-Nitrophenol-d4	40	29.90	75		10	120
			2,4-Dichlorophenol-d3	40	29.36	73		10	140
			4-Chloroaniline-d4	40	31.88	80		1	145
			Dimethylphthalate-d6	40	33.85	85		10	145
			Acenaphthylene-d8	40	34.28	86		15	120
			4-Nitrophenol-d4	40	28.48	71		10	150
			Fluorene-d10	40	34.75	87		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.18	53		10	130
			Anthracene-d10	40	33.27	83		10	150
			Pyrene-d10	40	30.35	76		10	130
			Benzo(a)pyrene-d12	40	34.69	87		10	140
P2484-18	BH9T0	BN031615.D	1,4-Dioxane-d8	8	3.64	45		15	120
			Pyridine-d5	40	15.70	39		20	120
			Phenol-d5	40	19.49	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.72	59		10	150
			2-Chlorophenol-d4	40	16.96	42		15	120
			4-Methylphenol-d8	40	21.35	53		10	140
			Nitrobenzene-d5	40	22.65	57		10	135
			2-Nitrophenol-d4	40	5.47	14		10	120
			2,4-Dichlorophenol-d3	40	12.35	31		10	140
			4-Chloroaniline-d4	40	24.85	62		1	145
			Dimethylphthalate-d6	40	26.35	66		10	145
			Acenaphthylene-d8	40	24.50	61		15	120
			4-Nitrophenol-d4	40	1.22	3	*	10	150
			Fluorene-d10	40	26.12	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.21	1	*	10	130
			Anthracene-d10	40	25.14	63		10	150
			Pyrene-d10	40	27.55	69		10	130
			Benzo(a)pyrene-d12	40	26.42	66		10	140
P2484-19	BH9T1	BN031616.D	1,4-Dioxane-d8	8	4.38	55		15	120
			Pyridine-d5	40	18.84	47		20	120
			Phenol-d5	40	25.10	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.09	65		10	150
			2-Chlorophenol-d4	40	24.99	62		15	120
			4-Methylphenol-d8	40	24.82	62		10	140
			Nitrobenzene-d5	40	24.77	62		10	135
			2-Nitrophenol-d4	40	23.20	58		10	120
			2,4-Dichlorophenol-d3	40	22.88	57		10	140
			4-Chloroaniline-d4	40	26.07	65		1	145
			Dimethylphthalate-d6	40	27.49	69		10	145
			Acenaphthylene-d8	40	26.89	67		15	120
			4-Nitrophenol-d4	40	20.74	52		10	150

Surrogate Summary

SW-846

SDG No.: BN052224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2484-19	BH9T1	BN031616.D	Fluorene-d10	40	27.63	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.81	37		10	130
			Anthracene-d10	40	28.34	71		10	150
			Pyrene-d10	40	25.71	64		10	130
			Benzo(a)pyrene-d12	40	27.21	68		10	140
P2484-21	BH9Q0	BN031617.D	1,4-Dioxane-d8	8	4.30	54		15	120
			Pyridine-d5	40	12.38	31		20	120
			Phenol-d5	40	24.57	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.42	64		10	150
			2-Chlorophenol-d4	40	24.97	62		15	120
			4-Methylphenol-d8	40	16.84	42		10	140
			Nitrobenzene-d5	40	24.43	61		10	135
			2-Nitrophenol-d4	40	22.99	57		10	120
			2,4-Dichlorophenol-d3	40	22.55	56		10	140
			4-Chloroaniline-d4	40	20.61	52		1	145
			Dimethylphthalate-d6	40	26.02	65		10	145
			Acenaphthylene-d8	40	25.57	64		15	120
			4-Nitrophenol-d4	40	19.38	48		10	150
			Fluorene-d10	40	26.90	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.06	38		10	130
			Anthracene-d10	40	25.10	63		10	150
			Pyrene-d10	40	25.87	65		10	130
			Benzo(a)pyrene-d12	40	28.04	70		10	140
P2484-22	BH9Q1	BN031618.D	1,4-Dioxane-d8	8	4.41	55		15	120
			Pyridine-d5	40	15.32	38		20	120
			Phenol-d5	40	27.62	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.08	70		10	150
			2-Chlorophenol-d4	40	27.21	68		15	120
			4-Methylphenol-d8	40	16.59	41		10	140
			Nitrobenzene-d5	40	25.99	65		10	135
			2-Nitrophenol-d4	40	25.36	63		10	120
			2,4-Dichlorophenol-d3	40	25.52	64		10	140
			4-Chloroaniline-d4	40	18.20	45		1	145
			Dimethylphthalate-d6	40	29.24	73		10	145
			Acenaphthylene-d8	40	27.86	70		15	120
			4-Nitrophenol-d4	40	23.81	60		10	150
			Fluorene-d10	40	28.76	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.08	50		10	130
			Anthracene-d10	40	24.94	62		10	150
			Pyrene-d10	40	32.36	81		10	130
			Benzo(a)pyrene-d12	40	31.68	79		10	140
P2484-23	BH9S6	BN031619.D	1,4-Dioxane-d8	8	4.00	50		15	120
			Pyridine-d5	40	16.43	41		20	120
			Phenol-d5	40	22.45	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.43	56		10	150
			2-Chlorophenol-d4	40	22.67	57		15	120
			4-Methylphenol-d8	40	22.24	56		10	140
			Nitrobenzene-d5	40	23.23	58		10	135
			2-Nitrophenol-d4	40	21.87	55		10	120

Surrogate Summary

SW-846

SDG No.: BN052224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2484-23	BH9S6	BN031619.D	2,4-Dichlorophenol-d3	40	21.76	54		10	140
			4-Chloroaniline-d4	40	22.83	57		1	145
			Dimethylphthalate-d6	40	23.60	59		10	145
			Acenaphthylene-d8	40	24.09	60		15	120
			4-Nitrophenol-d4	40	17.76	44		10	150
			Fluorene-d10	40	23.90	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.55	31		10	130
			Anthracene-d10	40	24.08	60		10	150
			Pyrene-d10	40	21.06	53		10	130
			Benzo(a)pyrene-d12	40	23.34	58		10	140
P2484-24	BH9S7	BN031620.D	1,4-Dioxane-d8	8	3.53	44		15	120
			Pyridine-d5	40	13.03	33		20	120
			Phenol-d5	40	19.86	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.11	50		10	150
			2-Chlorophenol-d4	40	19.62	49		15	120
			4-Methylphenol-d8	40	19.84	50		10	140
			Nitrobenzene-d5	40	18.87	47		10	135
			2-Nitrophenol-d4	40	17.54	44		10	120
			2,4-Dichlorophenol-d3	40	18.05	45		10	140
			4-Chloroaniline-d4	40	20.07	50		1	145
			Dimethylphthalate-d6	40	20.50	51		10	145
			Acenaphthylene-d8	40	19.84	50		15	120
			4-Nitrophenol-d4	40	14.35	36		10	150
			Fluorene-d10	40	20.24	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.30	26		10	130
			Anthracene-d10	40	19.91	50		10	150
			Pyrene-d10	40	22.16	55		10	130
			Benzo(a)pyrene-d12	40	19.93	50		10	140
PB160987BL	PB160987BL	BN031613.D	Pyridine-d5	40	26.69	67		20	120
			1,4-Dioxane-d8	8	4.81	60		15	120
			Phenol-d5	40	27.02	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.20	71		10	150
			2-Chlorophenol-d4	40	27.01	68		15	120
			4-Methylphenol-d8	40	27.05	68		10	140
			Nitrobenzene-d5	40	25.94	65		10	135
			2-Nitrophenol-d4	40	26.13	65		10	120
			2,4-Dichlorophenol-d3	40	24.62	62		10	140
			4-Chloroaniline-d4	40	28.70	72		1	145
			Dimethylphthalate-d6	40	30.80	77		10	145
			Acenaphthylene-d8	40	26.82	67		15	120
			4-Nitrophenol-d4	40	27.95	70		10	150
			Fluorene-d10	40	28.71	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.27	56		10	130
			Anthracene-d10	40	28.54	71		10	150
			Pyrene-d10	40	28.13	70		10	130
			Benzo(a)pyrene-d12	40	29.74	74		10	140



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

Surrogate Summary

SW-846

SDG No.: BN052224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2532-05	SVOC-GPC-BLANBN031610.D		Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140



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

Surrogate Summary

SW-846

SDG No.: BN052224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2532-10	SVOC-GPC2-BLA1BN031611.D		1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN052224

Lab Code: CHEM

SAS No.: BN052224 SDG NO.: BN052224

Lab File ID: BN031602.D

DFTPP Injection Date: 05/22/2024

Instrument ID: BNA_N

DFTPP Injection Time: 07:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.2
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.3
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	25.9
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	9.5
442	Greater than 50% of mass 198	58.8
443	15.0 - 24.0% of mass 442	11.1 (18.9) 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
SSTD020255	SSTDCCC020	BN031603.D	05/22/2024	09:06
SBLK908	PB160908BL	BN031604.D	05/22/2024	09:47
MDL-WATER-QT2-2024-04	P2409-02	BN031605.D	05/22/2024	13:54
MDL-SOIL-QT2-2024-04	P2409-04	BN031606.D	05/22/2024	14:33
MDL-MED-SOIL-QT2-2024-04	P2409-06	BN031607.D	05/22/2024	15:13
SBLK910	PB160910BL	BN031608.D	05/22/2024	16:09
SBLK913	PB160913BL	BN031609.D	05/22/2024	16:52
SVOC-GPC-BLANK	P2532-05	BN031610.D	05/22/2024	17:32
SVOC-GPC2-BLANK	P2532-10	BN031611.D	05/22/2024	18:12
SSTD020256	SSTDCCC020	BN031612.D	05/22/2024	19:32
SBLK987	PB160987BL	BN031613.D	05/22/2024	20:11
BH9S5	P2484-17	BN031614.D	05/22/2024	20:51
BH9T0	P2484-18	BN031615.D	05/22/2024	21:30
BH9T1	P2484-19	BN031616.D	05/22/2024	22:10
BH9Q0	P2484-21	BN031617.D	05/22/2024	22:49
BH9Q1	P2484-22	BN031618.D	05/22/2024	23:29
BH9S6	P2484-23	BN031619.D	05/23/2024	00:08
BH9S7	P2484-24	BN031620.D	05/23/2024	00:48

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN052224

Lab Code: CHEM

SAS No.: BN052224

SDG NO.: BN052224

Lab File ID: BN031602.D

DFTPP Injection Date: 05/22/2024

Instrument ID: BNA_N

DFTPP Injection Time: 07:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.2
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.3
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	25.9
365	Greater than 1% of mass 198	2.9
441	Present, but less than mass 443	9.5
442	Greater than 50% of mass 198	58.8
443	15.0 - 24.0% of mass 442	11.1 (18.9) 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
SSTD020257	SSTDCCC020EC	BN031621.D	05/23/2024	02:07