

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG No.: BM061324

Instrument ID: BNA_M Calibration Date/Time: 6/12/2024 1:18:40

Lab File ID: BM046002.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020118 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.571	0.498	0.010	-12.7907	40.0
Benzaldehyde	0.799	0.993	0.010	24.24	40.0
Pyridine	1.364	1.318	0.010	-3.3577	40.0
Phenol	1.762	1.861	0.080	5.5869	20.0
Bis(2-Chloroethyl)ether	1.471	1.434	0.100	-2.5244	20.0
2-Chlorophenol	1.337	1.374	0.200	2.7569	20.0
2-Methylphenol	1.290	1.359	0.010	5.363	20.0
2,2-oxybis(1-Chloropropane)	2.897	3.348	0.010	15.586	40.0
Acetophenone	2.139	2.367	0.060	10.6569	20.0
4-Methylphenol	1.335	1.504	0.010	12.6127	20.0
N-Nitroso-di-n-propylamine	1.182	1.353	0.050	14.4211	30.0
Hexachloroethane	0.642	0.647	0.100	0.7164	20.0
Nitrobenzene	0.438	0.459	0.050	4.8093	25.0
Isophorone	0.773	0.801	0.050	3.564	25.0
2-Nitrophenol	0.173	0.172	0.050	-0.4082	25.0
2,4-Dimethylphenol	0.351	0.361	0.050	2.8297	25.0
Bis(2-Chloroethoxy)methane	0.469	0.448	0.050	-4.679	20.0
2,4-Dichlorophenol	0.296	0.306	0.060	3.4592	20.0
Naphthalene	1.066	1.052	0.200	-1.3489	20.0
4-Chloroaniline	0.401	0.419	0.010	4.3531	40.0
Hexachlorobutadiene	0.203	0.196	0.040	-3.1671	30.0
Caprolactam	0.083	0.096	0.010	15.7063	40.0
4-Chloro-3-methylphenol	0.321	0.343	0.040	6.8189	25.0
1-Methylnaphthalene	0.706	0.729	0.100	3.2655	20.0
2-Methylnaphthalene	0.706	0.721	0.100	2.0987	20.0
Hexachlorocyclopentadiene	0.364	0.341	0.010	-6.3304	40.0
2,4,6-Trichlorophenol	0.348	0.358	0.090	2.8424	25.0
2,4,5-Trichlorophenol	0.378	0.385	0.100	1.7102	25.0
1,1-Biphenyl	1.484	1.411	0.200	-4.8971	20.0
2-Chloronaphthalene	1.163	1.130	0.300	-2.7874	20.0
2-Nitroaniline	0.397	0.460	0.050	15.9258	40.0
Dimethylphthalate	1.406	1.425	0.300	1.3564	20.0
2,6-Dinitrotoluene	0.270	0.278	0.080	2.7426	30.0
Acenaphthylene	1.861	1.909	0.400	2.6105	20.0
3-Nitroaniline	0.248	0.281	0.010	13.1303	40.0
Acenaphthene	1.242	1.267	0.200	2.032	20.0
2,4-Dinitrophenol	0.123	0.117	0.010	-4.937	40.0
4-Nitrophenol	0.247	0.306	0.010	24.1183	40.0
Dibenzofuran	1.675	1.736	0.300	3.6943	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG No.: BM061324

Instrument ID: BNA_M Calibration Date/Time: 6/12/2024 1:18:40

Lab File ID: BM046002.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020118 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.374	0.426	0.070	13.9532	30.0
Diethylphthalate	1.408	1.469	0.300	4.3576	20.0
Fluorene	1.349	1.467	0.200	8.7589	20.0
4-Chlorophenyl-phenylether	0.670	0.698	0.100	4.1513	20.0
4-Nitroaniline	0.206	0.273	0.010	32.6191	40.0
4,6-Dinitro-2-methylphenol	0.112	0.106	0.010	-5.6688	40.0
N-Nitrosodiphenylamine	0.567	0.541	0.050	-4.535	20.0
1,2,4,5-Tetrachlorobenzene	0.599	0.572	0.100	-4.5396	20.0
4-Bromophenyl-phenylether	0.209	0.195	0.070	-6.6058	20.0
Hexachlorobenzene	0.231	0.224	0.050	-3.0147	25.0
Atrazine	0.172	0.156	0.010	-9.464	25.0
Pentachlorophenol	0.117	0.129	0.010	9.8374	40.0
Phenanthrene	1.054	1.072	0.200	1.7055	20.0
Pentachlorobenzene	0.290	0.263	0.050	-9.5157	20.0
Anthracene	1.053	1.092	0.200	3.7621	20.0
1,2,3,4-Tetrachlorobenzene	0.310	0.265	0.050	-14.7005	20.0
Carbazole	0.898	0.980	0.050	9.0608	40.0
Di-n-butylphthalate	1.181	1.159	0.500	-1.8604	25.0
Fluoranthene	1.508	1.280	0.400	-15.0768	25.0
Pyrene	1.549	1.353	0.400	-12.6762	25.0
Butylbenzylphthalate	0.631	0.541	0.100	-14.2515	40.0
3,3-Dichlorobenzidine	0.395	0.393	0.010	-0.4408	40.0
Benzo (a) anthracene	1.381	1.361	0.300	-1.4536	30.0
Chrysene	1.278	1.277	0.200	-0.0405	30.0
Bis(2-ethylhexyl)phthalate	0.938	0.827	0.200	-11.8322	40.0
Di-n-octyl phthalate	1.530	1.358	0.010	-11.1959	40.0
Benzo (b) fluoranthene	1.229	1.223	0.200	-0.5229	25.0
Benzo (k) fluoranthene	1.201	1.247	0.200	3.8591	25.0
Benzo (a) pyrene	1.080	1.114	0.200	3.127	20.0
Indeno (1,2,3-cd) pyrene	1.179	1.208	0.200	2.3879	25.0
Dibenzo (a,h) anthracene	0.933	1.007	0.200	7.9966	30.0
Benzo (g,h,i) perylene	1.039	0.967	0.200	-6.9388	30.0
2,3,4,6-Tetrachlorophenol	0.286	0.339	0.040	18.6243	20.0
1,4-Dioxane-d8	0.516	0.448	0.010	-13.1364	25.0
Pyridine-d5	1.328	1.309	0.010	-1.4729	40.0
Phenol-d5	1.699	1.744	0.010	2.6562	25.0
Bis- (2-Chloroethyl) ether-d8	1.220	1.260	0.050	3.3071	25.0
2-Chlorophenol-d4	1.269	1.292	0.200	1.7882	20.0
4-Methylphenol-d8	1.284	1.382	0.010	7.6943	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG No.: BM061324
 Instrument ID: BNA_M Calibration Date/Time: 6/12/2024 1:18:40
 Lab File ID: BM046002.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020118 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.156	0.147	0.050	-5.8872	20.0
2-Nitrophenol-d4	0.158	0.152	0.050	-3.8435	30.0
2,4-Dichlorophenol-d3	0.297	0.309	0.060	4.0488	20.0
4-Chloroaniline-d4	0.411	0.424	0.010	3.2878	40.0
Dimethylphthalate-d6	1.385	1.378	0.300	-0.4422	20.0
Acenaphthylene-d8	1.608	1.635	0.400	1.6873	20.0
4-Nitrophenol-d4	0.299	0.336	0.010	12.3747	40.0
Fluorene-d10	1.181	1.243	0.100	5.2228	20.0
4,6-Dinitro-2-methylphenol-d2	0.102	0.095	0.010	-6.6901	40.0
Anthracene-d10	0.869	0.883	0.300	1.5728	20.0
Pyrene-d10	1.244	1.062	0.300	-14.6002	25.0
Benzo(a)pyrene-d12	0.935	0.960	0.010	2.6577	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG No.: BM061324

Instrument ID: BNA_M Calibration Date/Time: 6/13/2024 11:21

Lab File ID: BM046018.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020120 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.571	0.483	0.010	-15.3829	40.0
Benzaldehyde	0.799	0.817	0.010	2.2567	40.0
Pyridine	1.364	1.254	0.010	-8.1015	40.0
Phenol	1.762	1.474	0.080	-16.355	20.0
Bis(2-Chloroethyl) ether	1.471	1.184	0.100	-19.4944	20.0
2-Chlorophenol	1.337	1.161	0.200	-13.1771	20.0
2-Methylphenol	1.290	1.076	0.010	-16.571	20.0
2,2-oxybis(1-Chloropropane)	2.897	2.706	0.010	-6.5713	40.0
Acetophenone	2.139	1.845	0.060	-13.779	20.0
4-Methylphenol	1.335	1.165	0.010	-12.7542	20.0
N-Nitroso-di-n-propylamine	1.182	1.067	0.050	-9.7333	30.0
Hexachloroethane	0.642	0.568	0.100	-11.6099	20.0
Nitrobenzene	0.438	0.411	0.050	-6.1423	25.0
Isophorone	0.773	0.723	0.050	-6.4611	25.0
2-Nitrophenol	0.173	0.156	0.050	-9.9749	25.0
2,4-Dimethylphenol	0.351	0.322	0.050	-8.2404	25.0
Bis(2-Chloroethoxy) methane	0.469	0.398	0.050	-15.3306	20.0
2,4-Dichlorophenol	0.296	0.265	0.060	-10.3543	20.0
Naphthalene	1.066	0.929	0.200	-12.9103	20.0
4-Chloroaniline	0.401	0.358	0.010	-10.8344	40.0
Hexachlorobutadiene	0.203	0.178	0.040	-11.8937	30.0
Caprolactam	0.083	0.090	0.010	7.7101	40.0
4-Chloro-3-methylphenol	0.321	0.301	0.040	-6.1904	25.0
1-Methylnaphthalene	0.706	0.619	0.100	-12.2953	20.0
2-Methylnaphthalene	0.706	0.614	0.100	-13.1254	20.0
Hexachlorocyclopentadiene	0.364	0.361	0.010	-0.7809	40.0
2,4,6-Trichlorophenol	0.348	0.330	0.090	-5.3087	25.0
2,4,5-Trichlorophenol	0.378	0.348	0.100	-7.9177	25.0
1,1-Biphenyl	1.484	1.256	0.200	-15.3351	20.0
2-Chloronaphthalene	1.163	0.988	0.300	-15.0297	20.0
2-Nitroaniline	0.397	0.406	0.050	2.1801	40.0
Dimethylphthalate	1.406	1.311	0.300	-6.7412	20.0
2,6-Dinitrotoluene	0.270	0.258	0.080	-4.6839	30.0
Acenaphthylene	1.861	1.657	0.400	-10.9693	20.0
3-Nitroaniline	0.248	0.249	0.010	0.1835	40.0
Acenaphthene	1.242	1.098	0.200	-11.608	20.0
2,4-Dinitrophenol	0.123	0.158	0.010	27.9197	40.0
4-Nitrophenol	0.247	0.280	0.010	13.4225	40.0
Dibenzofuran	1.675	1.511	0.300	-9.7892	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG No.: BM061324

Instrument ID: BNA_M Calibration Date/Time: 6/13/2024 11:21

Lab File ID: BM046018.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020120 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.374	0.384	0.070	2.6604	30.0
Diethylphthalate	1.408	1.352	0.300	-3.9972	20.0
Fluorene	1.349	1.258	0.200	-6.7498	20.0
4-Chlorophenyl-phenylether	0.670	0.598	0.100	-10.7251	20.0
4-Nitroaniline	0.206	0.246	0.010	19.4449	40.0
4,6-Dinitro-2-methylphenol	0.112	0.105	0.010	-5.9712	40.0
N-Nitrosodiphenylamine	0.567	0.482	0.050	-14.9501	20.0
1,2,4,5-Tetrachlorobenzene	0.599	0.503	0.100	-16.0158	20.0
4-Bromophenyl-phenylether	0.209	0.172	0.070	-17.4238	20.0
Hexachlorobenzene	0.231	0.195	0.050	-15.4341	25.0
Atrazine	0.172	0.148	0.010	-13.8998	25.0
Pentachlorophenol	0.117	0.154	0.010	31.3298	40.0
Phenanthrene	1.054	0.937	0.200	-11.0533	20.0
Pentachlorobenzene	0.290	0.234	0.050	-19.3344	20.0
Anthracene	1.053	0.962	0.200	-8.6259	20.0
1,2,3,4-Tetrachlorobenzene	0.310	0.236	0.050	-23.8158	20.0
Carbazole	0.898	0.888	0.050	-1.0956	40.0
Di-n-butylphthalate	1.181	1.140	0.500	-3.4684	25.0
Fluoranthene	1.508	1.099	0.400	-27.1431	25.0
Pyrene	1.549	1.156	0.400	-25.3841	25.0
Butylbenzylphthalate	0.631	0.508	0.100	-19.6188	40.0
3,3-Dichlorobenzidine	0.395	0.346	0.010	-12.5399	40.0
Benzo (a) anthracene	1.381	1.202	0.300	-12.9634	30.0
Chrysene	1.278	1.101	0.200	-13.8261	30.0
Bis(2-ethylhexyl)phthalate	0.938	0.759	0.200	-19.1324	40.0
Di-n-octyl phthalate	1.530	1.066	0.010	-30.3152	40.0
Benzo (b) fluoranthene	1.229	1.020	0.200	-17.0479	25.0
Benzo (k) fluoranthene	1.201	1.016	0.200	-15.3667	25.0
Benzo (a) pyrene	1.080	0.977	0.200	-9.5082	20.0
Indeno (1,2,3-cd) pyrene	1.179	1.235	0.200	4.6951	25.0
Dibenzo (a,h) anthracene	0.933	1.013	0.200	8.5687	30.0
Benzo (g,h,i) perylene	1.039	1.002	0.200	-3.572	30.0
2,3,4,6-Tetrachlorophenol	0.286	0.310	0.040	8.5188	20.0
1,4-Dioxane-d8	0.516	0.448	0.010	-13.0931	25.0
Pyridine-d5	1.328	1.192	0.010	-10.2873	40.0
Phenol-d5	1.699	1.448	0.010	-14.7977	25.0
Bis- (2-Chloroethyl) ether-d8	1.220	1.023	0.050	-16.1179	25.0
2-Chlorophenol-d4	1.269	1.115	0.200	-12.1139	20.0
4-Methylphenol-d8	1.284	1.074	0.010	-16.3644	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG No.: BM061324
 Instrument ID: BNA_M Calibration Date/Time: 6/13/2024 11:21
 Lab File ID: BM046018.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020120 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.156	0.136	0.050	-13.0172	20.0
2-Nitrophenol-d4	0.158	0.149	0.050	-6.0946	30.0
2,4-Dichlorophenol-d3	0.297	0.270	0.060	-9.0821	20.0
4-Chloroaniline-d4	0.411	0.360	0.010	-12.2385	40.0
Dimethylphthalate-d6	1.385	1.276	0.300	-7.8115	20.0
Acenaphthylene-d8	1.608	1.428	0.400	-11.1694	20.0
4-Nitrophenol-d4	0.299	0.302	0.010	1.1677	40.0
Fluorene-d10	1.181	1.074	0.100	-9.0729	20.0
4,6-Dinitro-2-methylphenol-d2	0.102	0.094	0.010	-7.8351	40.0
Anthracene-d10	0.869	0.779	0.300	-10.3606	20.0
Pyrene-d10	1.244	0.917	0.300	-26.2958	25.0
Benzo(a)pyrene-d12	0.935	0.827	0.010	-11.4862	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.: BM061324 SAS No.: BM061324 SDG No.: BM061324

Instrument ID: BNA_M Calibration Date/Time: 6/13/2024 1:04:30

Lab File ID: BM046016.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020119 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.571	0.501	0.010	-12.1962	50.0
Benzaldehyde	0.799	0.984	0.010	23.1278	50.0
Pyridine	1.364	1.390	0.010	1.9268	50.0
Phenol	1.762	1.847	0.080	4.7983	50.0
Bis(2-Chloroethyl)ether	1.471	1.429	0.100	-2.8594	50.0
2-Chlorophenol	1.337	1.394	0.200	4.226	50.0
2-Methylphenol	1.290	1.357	0.010	5.1781	50.0
2,2-oxybis(1-Chloropropane)	2.897	3.185	0.010	9.9402	50.0
Acetophenone	2.139	2.296	0.060	7.3104	50.0
4-Methylphenol	1.335	1.485	0.010	11.1975	50.0
N-Nitroso-di-n-propylamine	1.182	1.314	0.050	11.1884	50.0
Hexachloroethane	0.642	0.622	0.100	-3.2143	50.0
Nitrobenzene	0.438	0.468	0.050	6.9098	50.0
Isophorone	0.773	0.824	0.050	6.5541	50.0
2-Nitrophenol	0.173	0.187	0.050	8.0104	50.0
2,4-Dimethylphenol	0.351	0.378	0.050	7.6709	50.0
Bis(2-Chloroethoxy)methane	0.469	0.450	0.050	-4.1004	50.0
2,4-Dichlorophenol	0.296	0.316	0.060	7.019	50.0
Naphthalene	1.066	1.075	0.200	0.7769	50.0
4-Chloroaniline	0.401	0.423	0.010	5.2843	50.0
Hexachlorobutadiene	0.203	0.201	0.040	-0.6455	50.0
Caprolactam	0.083	0.105	0.010	25.9858	50.0
4-Chloro-3-methylphenol	0.321	0.364	0.040	13.3832	50.0
1-Methylnaphthalene	0.706	0.723	0.100	2.345	50.0
2-Methylnaphthalene	0.706	0.711	0.100	0.727	50.0
Hexachlorocyclopentadiene	0.364	0.274	0.010	-24.6879	50.0
2,4,6-Trichlorophenol	0.348	0.384	0.090	10.0496	50.0
2,4,5-Trichlorophenol	0.378	0.420	0.100	10.9298	50.0
1,1-Biphenyl	1.484	1.434	0.200	-3.3659	50.0
2-Chloronaphthalene	1.163	1.138	0.300	-2.1256	50.0
2-Nitroaniline	0.397	0.486	0.050	22.4428	50.0
Dimethylphthalate	1.406	1.410	0.300	0.3105	50.0
2,6-Dinitrotoluene	0.270	0.293	0.080	8.215	50.0
Acenaphthylene	1.861	1.915	0.400	2.9152	50.0
3-Nitroaniline	0.248	0.311	0.010	25.3939	50.0
Acenaphthene	1.242	1.265	0.200	1.9046	50.0
2,4-Dinitrophenol	0.123	0.135	0.010	9.6686	50.0
4-Nitrophenol	0.247	0.320	0.010	29.9613	50.0
Dibenzofuran	1.675	1.726	0.300	3.0835	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG No.: BM061324

Instrument ID: BNA_M Calibration Date/Time: 6/13/2024 1:04:30

Lab File ID: BM046016.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020119 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.374	0.447	0.070	19.393	50.0
Diethylphthalate	1.408	1.466	0.300	4.168	50.0
Fluorene	1.349	1.447	0.200	7.2355	50.0
4-Chlorophenyl-phenylether	0.670	0.688	0.100	2.6579	50.0
4-Nitroaniline	0.206	0.318	0.010	54.1218	50.0
4,6-Dinitro-2-methylphenol	0.112	0.110	0.010	-1.5187	50.0
N-Nitrosodiphenylamine	0.567	0.554	0.050	-2.184	50.0
1,2,4,5-Tetrachlorobenzene	0.599	0.589	0.100	-1.7248	50.0
4-Bromophenyl-phenylether	0.209	0.199	0.070	-4.5113	50.0
Hexachlorobenzene	0.231	0.222	0.050	-3.8321	50.0
Atrazine	0.172	0.163	0.010	-4.9906	50.0
Pentachlorophenol	0.117	0.138	0.010	18.0589	50.0
Phenanthrene	1.054	1.065	0.200	1.0281	50.0
Pentachlorobenzene	0.290	0.271	0.050	-6.643	50.0
Anthracene	1.053	1.079	0.200	2.4884	50.0
1,2,3,4-Tetrachlorobenzene	0.310	0.277	0.050	-10.6484	50.0
Carbazole	0.898	0.985	0.050	9.7213	50.0
Di-n-butylphthalate	1.181	1.183	0.500	0.1874	50.0
Fluoranthene	1.508	1.466	0.400	-2.7903	50.0
Pyrene	1.549	1.526	0.400	-1.5222	50.0
Butylbenzylphthalate	0.631	0.653	0.100	3.4131	50.0
3,3-Dichlorobenzidine	0.395	0.378	0.010	-4.2516	50.0
Benzo (a) anthracene	1.381	1.380	0.300	-0.1053	50.0
Chrysene	1.278	1.276	0.200	-0.1255	50.0
Bis (2-ethylhexyl) phthalate	0.938	0.934	0.200	-0.404	50.0
Di-n-octyl phthalate	1.530	1.617	0.010	5.7199	50.0
Benzo (b) fluoranthene	1.229	1.208	0.200	-1.705	50.0
Benzo (k) fluoranthene	1.201	1.235	0.200	2.8599	50.0
Benzo (a) pyrene	1.080	1.134	0.200	4.9887	50.0
Indeno (1,2,3-cd) pyrene	1.179	1.310	0.200	11.0478	50.0
Dibenzo (a,h) anthracene	0.933	1.076	0.200	15.3617	50.0
Benzo (g,h,i) perylene	1.039	1.066	0.200	2.574	50.0
2,3,4,6-Tetrachlorophenol	0.286	0.358	0.040	25.4397	50.0
1,4-Dioxane-d8	0.516	0.422	0.010	-18.1177	50.0
Pyridine-d5	1.328	1.347	0.010	1.379	50.0
Phenol-d5	1.699	1.778	0.010	4.6238	50.0
Bis- (2-Chloroethyl) ether-d8	1.220	1.248	0.050	2.3101	50.0
2-Chlorophenol-d4	1.269	1.322	0.200	4.1468	50.0
4-Methylphenol-d8	1.284	1.351	0.010	5.2567	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG No.: BM061324

Instrument ID: BNA_M Calibration Date/Time: 6/13/2024 1:04:30

Lab File ID: BM046016.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020119 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.156	0.160	0.050	2.49	50.0
2-Nitrophenol-d4	0.158	0.177	0.050	11.6347	50.0
2,4-Dichlorophenol-d3	0.297	0.324	0.060	9.2177	50.0
4-Chloroaniline-d4	0.411	0.437	0.010	6.4393	50.0
Dimethylphthalate-d6	1.385	1.395	0.300	0.7708	50.0
Acenaphthylene-d8	1.608	1.644	0.400	2.2757	50.0
4-Nitrophenol-d4	0.299	0.350	0.010	17.2666	50.0
Fluorene-d10	1.181	1.224	0.100	3.6524	50.0
4,6-Dinitro-2-methylphenol-d2	0.102	0.102	0.010	0.3592	50.0
Anthracene-d10	0.869	0.891	0.300	2.489	50.0
Pyrene-d10	1.244	1.203	0.300	-3.2496	50.0
Benzo(a)pyrene-d12	0.935	0.969	0.010	3.716	50.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG No.: BM061324

Instrument ID: BNA_M Calibration Date/Time: 6/13/2024 1:19:16

Lab File ID: BM046030.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020121 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.571	0.429	0.010	-24.9286	50.0
Benzaldehyde	0.799	0.828	0.010	3.655	50.0
Pyridine	1.364	1.167	0.010	-14.4469	50.0
Phenol	1.762	1.559	0.080	-11.5062	50.0
Bis(2-Chloroethyl)ether	1.471	1.230	0.100	-16.3946	50.0
2-Chlorophenol	1.337	1.207	0.200	-9.7492	50.0
2-Methylphenol	1.290	1.164	0.010	-9.7978	50.0
2,2-oxybis(1-Chloropropane)	2.897	2.762	0.010	-4.6494	50.0
Acetophenone	2.139	1.908	0.060	-10.8149	50.0
4-Methylphenol	1.335	1.239	0.010	-7.2125	50.0
N-Nitroso-di-n-propylamine	1.182	1.083	0.050	-8.3705	50.0
Hexachloroethane	0.642	0.548	0.100	-14.6718	50.0
Nitrobenzene	0.438	0.407	0.050	-6.975	50.0
Isophorone	0.773	0.722	0.050	-6.6537	50.0
2-Nitrophenol	0.173	0.162	0.050	-6.557	50.0
2,4-Dimethylphenol	0.351	0.316	0.050	-9.8953	50.0
Bis(2-Chloroethoxy)methane	0.469	0.392	0.050	-16.4308	50.0
2,4-Dichlorophenol	0.296	0.270	0.060	-8.6653	50.0
Naphthalene	1.066	0.929	0.200	-12.8958	50.0
4-Chloroaniline	0.401	0.353	0.010	-12.0096	50.0
Hexachlorobutadiene	0.203	0.180	0.040	-11.1292	50.0
Caprolactam	0.083	0.085	0.010	2.1176	50.0
4-Chloro-3-methylphenol	0.321	0.300	0.040	-6.443	50.0
1-Methylnaphthalene	0.706	0.606	0.100	-14.2149	50.0
2-Methylnaphthalene	0.706	0.604	0.100	-14.5335	50.0
Hexachlorocyclopentadiene	0.364	0.259	0.010	-28.7692	50.0
2,4,6-Trichlorophenol	0.348	0.346	0.090	-0.8066	50.0
2,4,5-Trichlorophenol	0.378	0.370	0.100	-2.1335	50.0
1,1-Biphenyl	1.484	1.282	0.200	-13.5737	50.0
2-Chloronaphthalene	1.163	1.023	0.300	-12.0145	50.0
2-Nitroaniline	0.397	0.418	0.050	5.2223	50.0
Dimethylphthalate	1.406	1.248	0.300	-11.2255	50.0
2,6-Dinitrotoluene	0.270	0.257	0.080	-4.9331	50.0
Acenaphthylene	1.861	1.703	0.400	-8.4627	50.0
3-Nitroaniline	0.248	0.277	0.010	11.6715	50.0
Acenaphthene	1.242	1.108	0.200	-10.8051	50.0
2,4-Dinitrophenol	0.123	0.128	0.010	3.8713	50.0
4-Nitrophenol	0.247	0.266	0.010	7.7943	50.0
Dibenzofuran	1.675	1.504	0.300	-10.1944	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG No.: BM061324
Instrument ID: BNA_M Calibration Date/Time: 6/13/2024 1:19:16
Lab File ID: BM046030.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020121 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.374	0.379	0.070	1.291	50.0
Diethylphthalate	1.408	1.306	0.300	-7.2371	50.0
Fluorene	1.349	1.243	0.200	-7.841	50.0
4-Chlorophenyl-phenylether	0.670	0.596	0.100	-11.0627	50.0
4-Nitroaniline	0.206	0.273	0.010	32.4019	50.0
4,6-Dinitro-2-methylphenol	0.112	0.089	0.010	-20.805	50.0
N-Nitrosodiphenylamine	0.567	0.503	0.050	-11.2711	50.0
1,2,4,5-Tetrachlorobenzene	0.599	0.537	0.100	-10.3815	50.0
4-Bromophenyl-phenylether	0.209	0.181	0.070	-13.4221	50.0
Hexachlorobenzene	0.231	0.202	0.050	-12.2242	50.0
Atrazine	0.172	0.152	0.010	-11.5999	50.0
Pentachlorophenol	0.117	0.155	0.010	32.7277	50.0
Phenanthrene	1.054	0.939	0.200	-10.9427	50.0
Pentachlorobenzene	0.290	0.250	0.050	-13.7443	50.0
Anthracene	1.053	0.966	0.200	-8.1858	50.0
1,2,3,4-Tetrachlorobenzene	0.310	0.265	0.050	-14.4548	50.0
Carbazole	0.898	0.874	0.050	-2.6963	50.0
Di-n-butylphthalate	1.181	1.136	0.500	-3.8574	50.0
Fluoranthene	1.508	1.198	0.400	-20.531	50.0
Pyrene	1.549	1.231	0.400	-20.5695	50.0
Butylbenzylphthalate	0.631	0.571	0.100	-9.5735	50.0
3,3-Dichlorobenzidine	0.395	0.312	0.010	-20.905	50.0
Benzo (a) anthracene	1.381	1.218	0.300	-11.7753	50.0
Chrysene	1.278	1.130	0.200	-11.5682	50.0
Bis(2-ethylhexyl)phthalate	0.938	0.837	0.200	-10.8036	50.0
Di-n-octyl phthalate	1.530	1.245	0.010	-18.6225	50.0
Benzo (b) fluoranthene	1.229	1.063	0.200	-13.4904	50.0
Benzo (k) fluoranthene	1.201	1.034	0.200	-13.8389	50.0
Benzo (a) pyrene	1.080	0.998	0.200	-7.5708	50.0
Indeno (1,2,3-cd) pyrene	1.179	1.243	0.200	5.3857	50.0
Dibenzo (a,h) anthracene	0.933	1.011	0.200	8.3461	50.0
Benzo (g,h,i) perylene	1.039	1.009	0.200	-2.8709	50.0
2,3,4,6-Tetrachlorophenol	0.286	0.313	0.040	9.5999	50.0
Pyridine-d5	1.328	1.123	0.010	-15.4285	50.0
1,4-Dioxane-d8	0.516	0.382	0.010	-25.929	50.0
Phenol-d5	1.699	1.494	0.010	-12.0927	50.0
Bis- (2-Chloroethyl) ether-d8	1.220	1.044	0.050	-14.4018	50.0
2-Chlorophenol-d4	1.269	1.137	0.200	-10.4339	50.0
4-Methylphenol-d8	1.284	1.162	0.010	-9.4876	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG No.: BM061324

Instrument ID: BNA_M Calibration Date/Time: 6/13/2024 1:19:16

Lab File ID: BM046030.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020121 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.156	0.141	0.050	-9.5595	50.0
2-Nitrophenol-d4	0.158	0.157	0.050	-0.977	50.0
2,4-Dichlorophenol-d3	0.297	0.285	0.060	-3.8854	50.0
4-Chloroaniline-d4	0.411	0.369	0.010	-10.1262	50.0
Dimethylphthalate-d6	1.385	1.234	0.300	-10.8884	50.0
Acenaphthylene-d8	1.608	1.456	0.400	-9.4558	50.0
4-Nitrophenol-d4	0.299	0.306	0.010	2.401	50.0
Fluorene-d10	1.181	1.044	0.100	-11.6234	50.0
4,6-Dinitro-2-methylphenol-d2	0.102	0.083	0.010	-18.8947	50.0
Anthracene-d10	0.869	0.794	0.300	-8.6342	50.0
Pyrene-d10	1.244	0.977	0.300	-21.437	50.0
Benzo(a)pyrene-d12	0.935	0.856	0.010	-8.4701	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	SBLK309	SDG No.:	BM061324
Lab Sample ID:	PB161309BL	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
BM046003.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.5	330	ug/Kg
110-86-1	Pyridine	43	U	43	170	330	ug/Kg
108-95-2	Phenol	35	U	35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82.5	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	29	U	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	23	U	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	36	U	36	42.5	170	ug/Kg
78-59-1	Isophorone	34	U	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	42.5	170	ug/Kg
91-20-3	Naphthalene	34	U	34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	42.5	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28	U	28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	79	U	79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43	U	43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	SBLK309	SDG No.:	BM061324
Lab Sample ID:	PB161309BL	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
BM046003.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	43	U	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	41	U	41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	41	U	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.5	170	ug/Kg
86-73-7	Fluorene	45	U	45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47	U	47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	82.5	330	ug/Kg
85-01-8	Phenanthrene	44	U	44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.5	170	ug/Kg
120-12-7	Anthracene	43	U	43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.5	170	ug/Kg
86-74-8	Carbazole	45	U	45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	42	U	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	44	U	44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	SBLK309	SDG No.:	BM061324
Lab Sample ID:	PB161309BL	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
BM046003.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.088		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	27.564		20-120		69	SPK: -40
4165-62-2	Phenol-d5	29.456		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.304		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.803		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	31.669		10-140		79	SPK: -40
4165-60-0	Nitrobenzene-d5	29.048		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.535		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.738		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.813		1-145		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.316		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	29.875		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.428		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	31.322		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	SBLK309	SDG No.:	BM061324
Lab Sample ID:	PB161309BL	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
BM046003.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.822		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	31.349		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	27.253		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.283		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123015	7.434				
1146-65-2	Naphthalene-d8	543148	10.204				
15067-26-2	Acenaphthene-d10	366002	14.08				
1517-22-2	Phenanthrene-d10	804606	16.827				
1719-03-5	Chrysene-d12	775337	21.039				
1520-96-3	Perylene-d12	822186	23.744				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC24	SDG No.:	BM061324
Lab Sample ID:	P2659-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046004.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	7.9	80	ug/Kg
100-52-7	Benzaldehyde	90	U	90	98.6	390	ug/Kg
110-86-1	Pyridine	51	U	51	200	390	ug/Kg
108-95-2	Phenol	42	U	42	98.6	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	98.6	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.8	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	98.6	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	98.6	390	ug/Kg
98-86-2	Acetophenone	100	J	45	98.6	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	98.6	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	50.8	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.8	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.8	200	ug/Kg
78-59-1	Isophorone	41	U	41	50.8	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	50.8	200	ug/Kg
91-20-3	Naphthalene	73	J	41	50.8	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.8	200	ug/Kg
105-60-2	Caprolactam	140	U	140	98.6	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	64	J	49	50.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	57	J	44	50.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	98.6	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC24	SDG No.:	BM061324
Lab Sample ID:	P2659-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046004.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	50.8	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.8	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.8	200	ug/Kg
208-96-8	Acenaphthylene	470		51	50.8	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98.6	390	ug/Kg
83-32-9	Acenaphthene	92	J	49	50.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	98.6	390	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	98.6	390	ug/Kg
132-64-9	Dibenzofuran	64	J	55	50.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.8	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	50.8	200	ug/Kg
86-73-7	Fluorene	190	J	54	50.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50.8	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	98.6	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	98.6	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	50.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	50.8	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.8	200	ug/Kg
1912-24-9	Atrazine	47	U	47	98.6	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.6	390	ug/Kg
85-01-8	Phenanthrene	3100		53	50.8	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.8	200	ug/Kg
120-12-7	Anthracene	520		51	50.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.8	200	ug/Kg
86-74-8	Carbazole	260	J	54	98.6	390	ug/Kg
84-74-2	Di-n-butylphthalate	140	J	50	50.8	200	ug/Kg
206-44-0	Fluoranthene	5700	E	53	98.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC24	SDG No.:	BM061324
Lab Sample ID:	P2659-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046004.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4200	E	53	50.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	170	J	38	50.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	98.6	390	ug/Kg
56-55-3	Benzo(a)anthracene	2400		47	50.8	200	ug/Kg
218-01-9	Chrysene	2700		54	50.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	450		53	50.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	98.6	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	3300	E	50	50.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		54	50.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	1600		50	50.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		44	50.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	520		44	50.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210		42	50.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.212		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	5.16	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	24.108		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.87		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.69		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	24.768		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	23.323		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.025		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.699		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.972		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.674		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.939		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.482		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	26.205		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC24	SDG No.:	BM061324
Lab Sample ID:	P2659-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046004.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.252		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	25.986		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	23.09		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.61		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118084	7.434				
1146-65-2	Naphthalene-d8	515496	10.198				
15067-26-2	Acenaphthene-d10	340331	14.08				
1517-22-2	Phenanthrene-d10	773922	16.821				
1719-03-5	Chrysene-d12	704650	21.039				
1520-96-3	Perylene-d12	689618	23.744				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	170	J			10.998	
002235-15-6	1(2H)-Acenaphthylenone	190	J			15.816	
000486-25-9	9H-Fluoren-9-one	190	J			16.486	
000233-02-3	Naphtho[2,1-b]thiophene	200	J			16.645	
000260-94-6	Acridine	140	J			17.027	
002444-68-0	Anthracene, 9-ethenyl-	160	J			17.351	
016587-52-3	Dibenzothiophene, 3-methyl-	180	J			17.404	
	unknown-01	270	J			17.551	
002531-84-2	Phenanthrene, 2-methyl-	640	J			17.698	
000832-69-9	Phenanthrene, 1-methyl-	1200	J			17.751	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	1000	J			17.886	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	480	J			17.927	
006572-60-7	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4	350	J			18.204	
000084-65-1	9,10-Anthracenedione	550	J			18.251	
1000452-24-5	3,4-Dimethylphenanthrene	170	J			18.451	
000483-87-4	Phenanthrene, 1,7-dimethyl-	210	J			18.504	
001576-67-6	Phenanthrene, 3,6-dimethyl-	170	J			18.545	

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC24	SDG No.:	BM061324
Lab Sample ID:	P2659-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046004.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002789-88-0	di-p-Tolylacetylene	580	J			18.627	
003674-66-6	Phenanthrene, 2,5-dimethyl-	420	J			18.674	
000781-43-1	9,10-Dimethylanthracene	140	J			18.715	
005737-13-3	Cyclopenta(def)phenanthrenone	570	J			18.768	
002381-21-7	Pyrene, 1-methyl-	160	J			19.58	
000243-17-4	11H-Benzo[b]fluorene	150	J			19.756	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	140	J			20.668	
000203-12-3	Benzo[ghi]fluoranthene	190	J			20.751	
	(DEL) Alkane: Straight-Chain21.733	130	J			21.733	
000638-66-4	Octadecanal	820	J			22.598	
	(DEL) Alkane: Straight-Chain23.027	690	J			23.027	
000192-97-2	Benzo[e]pyrene	480	J			23.109	
000205-82-3	Benzo[j]fluoranthene	630	J			23.497	
000124-25-4	Tetradecanal	660	J			24.145	
	(DEL) Alkane: Straight-Chain24.615	1200	J			24.615	
000215-58-7	Benzo[b]triphenylene	360	J			26.327	
E966796	Total Alkanes	2000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC25	SDG No.:	BM061324
Lab Sample ID:	P2659-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046005.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.5	76	ug/Kg
100-52-7	Benzaldehyde	85	U	85	93.5	370	ug/Kg
110-86-1	Pyridine	49	U	49	190	370	ug/Kg
108-95-2	Phenol	40	U	40	93.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	93.5	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.2	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	93.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	93.5	370	ug/Kg
98-86-2	Acetophenone	93	J	43	93.5	370	ug/Kg
106-44-5	4-Methylphenol	36	U	36	93.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	48.2	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	48.2	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	48.2	190	ug/Kg
78-59-1	Isophorone	39	U	39	48.2	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	48.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	48.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.2	190	ug/Kg
91-20-3	Naphthalene	74	J	39	48.2	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	48.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	48.2	190	ug/Kg
105-60-2	Caprolactam	140	U	140	93.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	76	J	46	48.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	64	J	42	48.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	90	U	90	93.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	48.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	48.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC25	SDG No.:	BM061324
Lab Sample ID:	P2659-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046005.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	48.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.2	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.2	190	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	48.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	48.2	190	ug/Kg
208-96-8	Acenaphthylene	560		49	48.2	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	93.5	370	ug/Kg
83-32-9	Acenaphthene	120	J	46	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	93.5	370	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	93.5	370	ug/Kg
132-64-9	Dibenzofuran	80	J	52	48.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	48.2	190	ug/Kg
84-66-2	Diethylphthalate	68	U	68	48.2	190	ug/Kg
86-73-7	Fluorene	230		51	48.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	48.2	190	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	93.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	93.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	48.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	48.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	48.2	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.2	190	ug/Kg
1912-24-9	Atrazine	44	U	44	93.5	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	93.5	370	ug/Kg
85-01-8	Phenanthrene	3700	E	50	48.2	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	48.2	190	ug/Kg
120-12-7	Anthracene	630		49	48.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37	U	37	48.2	190	ug/Kg
86-74-8	Carbazole	330	J	51	93.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.2	190	ug/Kg
206-44-0	Fluoranthene	6800	E	50	93.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC25	SDG No.:	BM061324
Lab Sample ID:	P2659-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046005.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5000	E	50	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	150	J	36	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	93.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	2700		44	48.2	190	ug/Kg
218-01-9	Chrysene	3200	E	51	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	390		50	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	93.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	3900	E	48	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		51	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	1900		48	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		42	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	600		42	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	240		40	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.916		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	7.934		20-120		20	SPK: -40
4165-62-2	Phenol-d5	25.072		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.721		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.463		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	24.447		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	25.48		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.448		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.564		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.593		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.013		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.107		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.997		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	26.657		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC25	SDG No.:	BM061324
Lab Sample ID:	P2659-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046005.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.632		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	27.14		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	24.371		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.305		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146408	7.434				
1146-65-2	Naphthalene-d8	626082	10.198				
15067-26-2	Acenaphthene-d10	400366	14.08				
1517-22-2	Phenanthrene-d10	839994	16.821				
1719-03-5	Chrysene-d12	690864	21.045				
1520-96-3	Perylene-d12	660147	23.744				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	180	J			10.992	
002235-15-6	1(2H)-Acenaphthylenone	200	J			15.816	
001730-37-6	9H-Fluorene, 1-methyl-	140	J			16.139	
000486-25-9	9H-Fluoren-9-one	220	J			16.486	
000132-65-0	Dibenzothiophene	160	J			16.645	
000260-94-6	Acridine	170	J			17.021	
000605-02-7	Naphthalene, 1-phenyl-	190	J			17.351	
1000383-55-1	2-Methyldibenzothiophene	210	J			17.404	
002531-84-2	Phenanthrene, 2-methyl-	730	J			17.698	
000613-12-7	Anthracene, 2-methyl-	1200	J			17.745	
000832-69-9	Phenanthrene, 1-methyl-	200	J			17.821	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	1200	J			17.886	
000610-48-0	Anthracene, 1-methyl-	530	J			17.927	
1000404-86-1	4aH-carbazole, 6-methyl-	150	J			18.021	
093327-56-1	6-Phenylbenzocyclohepten-7-one	450	J			18.204	
000084-65-1	9,10-Anthracenedione	660	J			18.251	
001576-67-6	Phenanthrene, 3,6-dimethyl-	200	J			18.451	

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC25	SDG No.:	BM061324
Lab Sample ID:	P2659-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046005.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000483-87-4	Phenanthrene, 1,7-dimethyl-	250	J			18.504	
003674-66-6	Phenanthrene, 2,5-dimethyl-	190	J			18.545	
002789-88-0	di-p-Tolylacetylene	640	J			18.627	
	unknown-01	480	J			18.686	
000781-43-1	9,10-Dimethylanthracene	160	J			18.715	
005737-13-3	Cyclopenta(def)phenanthrenone	650	J			18.768	
002381-21-7	Pyrene, 1-methyl-	180	J			19.58	
000243-17-4	11H-Benzo[b]fluorene	150	J			19.756	
000203-12-3	Benzo[ghi]fluoranthene	170	J			20.75	
	unknown-02	480	J			22.598	
056221-91-1	13-Tetradecen-1-ol acetate	420	J			23.027	
000192-97-2	Benzo[e]pyrene	570	J			23.115	
000205-82-3	Benzo[j]fluoranthene	740	J			23.497	
	(DEL) Alkane: Straight-Chain24.615	650	J			24.615	
E966796	Total Alkanes	650				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC26	SDG No.:	BM061324
Lab Sample ID:	P2659-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046006.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.3	74	ug/Kg
100-52-7	Benzaldehyde	83	U	83	91.4	370	ug/Kg
110-86-1	Pyridine	48	U	48	180	370	ug/Kg
108-95-2	Phenol	39	U	39	91.4	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	91.4	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.1	190	ug/Kg
95-48-7	2-Methylphenol	33	U	33	91.4	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30	U	30	91.4	370	ug/Kg
98-86-2	Acetophenone	53	J	42	91.4	370	ug/Kg
106-44-5	4-Methylphenol	35	U	35	91.4	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	32	U	32	47.1	190	ug/Kg
67-72-1	Hexachloroethane	25	U	25	47.1	190	ug/Kg
98-95-3	Nitrobenzene	40	U	40	47.1	190	ug/Kg
78-59-1	Isophorone	38	U	38	47.1	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	47.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	47.1	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	42	U	42	47.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.1	190	ug/Kg
91-20-3	Naphthalene	43	J	38	47.1	190	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	47.1	370	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	47.1	190	ug/Kg
105-60-2	Caprolactam	130	U	130	91.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31	U	31	47.1	190	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	47.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	47.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	87	U	87	91.4	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	47.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	47.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC26	SDG No.:	BM061324
Lab Sample ID:	P2659-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046006.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	47.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	47.1	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	47.1	190	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	47.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	47.1	190	ug/Kg
208-96-8	Acenaphthylene	380		48	47.1	190	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	91.4	370	ug/Kg
83-32-9	Acenaphthene	67	J	45	47.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	91.4	370	ug/Kg
100-02-7	4-Nitrophenol	45	U	45	91.4	370	ug/Kg
132-64-9	Dibenzofuran	51	U	51	47.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	30	U	30	47.1	190	ug/Kg
84-66-2	Diethylphthalate	66	U	66	47.1	190	ug/Kg
86-73-7	Fluorene	150	J	50	47.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52	U	52	47.1	190	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	91.4	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	91.4	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	47.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	47.1	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	47.1	190	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	47.1	190	ug/Kg
1912-24-9	Atrazine	43	U	43	91.4	370	ug/Kg
87-86-5	Pentachlorophenol	96	U	96	91.4	370	ug/Kg
85-01-8	Phenanthrene	2400		49	47.1	190	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	47.1	190	ug/Kg
120-12-7	Anthracene	420		48	47.1	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37	U	37	47.1	190	ug/Kg
86-74-8	Carbazole	210	J	50	91.4	370	ug/Kg
84-74-2	Di-n-butylphthalate	47	U	47	47.1	190	ug/Kg
206-44-0	Fluoranthene	4800	E	49	91.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC26	SDG No.:	BM061324
Lab Sample ID:	P2659-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046006.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3400	E	49	47.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	55	J	35	47.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	91.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	2000		43	47.1	190	ug/Kg
218-01-9	Chrysene	2200		50	47.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	49	47.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	38	U	38	91.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	2700		47	47.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		50	47.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	1300		47	47.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		41	47.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	420		41	47.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	J	39	47.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	47.1	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.972		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	6.134	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	21.732		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.042		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.745		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	20.47		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	22.015		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.429		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.843		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.927		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.746		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.69		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.604		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	23.15		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC26	SDG No.:	BM061324
Lab Sample ID:	P2659-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046006.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.546		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	23.18		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	21.509		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.67		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162947	7.434				
1146-65-2	Naphthalene-d8	689487	10.198				
15067-26-2	Acenaphthene-d10	434633	14.08				
1517-22-2	Phenanthrene-d10	905311	16.821				
1719-03-5	Chrysene-d12	715283	21.039				
1520-96-3	Perylene-d12	688425	23.744				
TENTATIVE IDENTIFIED COMPOUNDS							
000079-39-0	Methacrylamide	240	J			3.528	
000770-35-4	1-Phenoxypropan-2-ol	100	J			10.998	
002235-15-6	1(2H)-Acenaphthylenone	140	J			15.815	
001730-37-6	9H-Fluorene, 1-methyl-	100	J			16.139	
000486-25-9	9H-Fluoren-9-one	150	J			16.486	
000132-65-0	Dibenzothiophene	140	J			16.645	
000260-94-6	Acridine	99	J			17.027	
000605-02-7	Naphthalene, 1-phenyl-	130	J			17.351	
1000383-55-1	2-Methyldibenzothiophene	130	J			17.409	
002531-84-2	Phenanthrene, 2-methyl-	430	J			17.698	
000832-69-9	Phenanthrene, 1-methyl-	690	J			17.745	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	120	J			17.821	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	730	J			17.886	
000613-12-7	Anthracene, 2-methyl-	290	J			17.927	
093327-56-1	6-Phenylbenzocyclohepten-7-one	280	J			18.203	
000084-65-1	9,10-Anthracenedione	400	J			18.25	
003674-65-5	Phenanthrene, 2,3-dimethyl-	120	J			18.451	

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC26	SDG No.:	BM061324
Lab Sample ID:	P2659-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046006.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001576-67-6	Phenanthrene, 3,6-dimethyl-	150	J			18.503	
003674-66-6	Phenanthrene, 2,5-dimethyl-	350	J			18.627	
	unknown-01	270	J			18.686	
005737-13-3	Cyclopenta(def)phenanthrenone	390	J			18.768	
000238-84-6	11H-Benzo[a]fluorene	140	J			19.58	
000243-17-4	11H-Benzo[b]fluorene	140	J			19.756	
002381-21-7	Pyrene, 1-methyl-	110	J			19.909	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			20.509	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	100	J			20.668	
000203-12-3	Benzo[ghi]fluoranthene	150	J			20.75	
000082-05-3	7H-Benz[de]anthracen-7-one	100	J			20.809	
000192-97-2	Benzo[e]pyrene	390	J			23.115	
000198-55-0	Perylene	570	J			23.491	
	(DEL) Alkane: Straight-Chain	24.615	J			24.615	
E966796	Total Alkanes	360				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC31	SDG No.:	BM061324
Lab Sample ID:	P2659-10	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
BM046007.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.4	74	ug/Kg
100-52-7	Benzaldehyde	84	U	84	92.2	370	ug/Kg
110-86-1	Pyridine	48	U	48	180	370	ug/Kg
108-95-2	Phenol	39	U	39	92.2	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	92.2	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.5	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	92.2	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30	U	30	92.2	370	ug/Kg
98-86-2	Acetophenone	42	U	42	92.2	370	ug/Kg
106-44-5	4-Methylphenol	36	U	36	92.2	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	32	U	32	47.5	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	47.5	190	ug/Kg
98-95-3	Nitrobenzene	40	U	40	47.5	190	ug/Kg
78-59-1	Isophorone	38	U	38	47.5	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	47.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	47.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	42	U	42	47.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	47.5	190	ug/Kg
91-20-3	Naphthalene	38	U	38	47.5	190	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	47.5	370	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	47.5	190	ug/Kg
105-60-2	Caprolactam	130	U	130	92.2	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31	U	31	47.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	47.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	47.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	88	U	88	92.2	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	47.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	47.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC31	SDG No.:	BM061324
Lab Sample ID:	P2659-10	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
BM046007.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	47.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	47.5	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.5	190	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	47.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	47.5	190	ug/Kg
208-96-8	Acenaphthylene	190		48	47.5	190	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	92.2	370	ug/Kg
83-32-9	Acenaphthene	46	U	46	47.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	92.2	370	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	92.2	370	ug/Kg
132-64-9	Dibenzofuran	51	U	51	47.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	30	U	30	47.5	190	ug/Kg
84-66-2	Diethylphthalate	67	U	67	47.5	190	ug/Kg
86-73-7	Fluorene	64	J	50	47.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	47.5	190	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	92.2	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	92.2	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	47.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	47.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	47.5	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.5	190	ug/Kg
1912-24-9	Atrazine	44	U	44	92.2	370	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	92.2	370	ug/Kg
85-01-8	Phenanthrene	1000		49	47.5	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	47.5	190	ug/Kg
120-12-7	Anthracene	180	J	48	47.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37	U	37	47.5	190	ug/Kg
86-74-8	Carbazole	82	J	50	92.2	370	ug/Kg
84-74-2	Di-n-butylphthalate	47	U	47	47.5	190	ug/Kg
206-44-0	Fluoranthene	1900		49	92.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC31	SDG No.:	BM061324
Lab Sample ID:	P2659-10	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
BM046007.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		49	47.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	47.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	92.2	370	ug/Kg
56-55-3	Benzo(a)anthracene	830		44	47.5	190	ug/Kg
218-01-9	Chrysene	930		50	47.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	47.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	38	U	38	92.2	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		47	47.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	420		50	47.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	550		47	47.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410		41	47.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	J	41	47.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	68	J	39	47.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	47.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.305		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	5.171	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	22.444		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.457		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.631		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	19.707		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	23.9		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.289		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.735		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.571		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.911		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.689		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.172		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	25.375		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC31	SDG No.:	BM061324
Lab Sample ID:	P2659-10	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
BM046007.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.46		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	24.925		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	22.028		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.457		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151115	7.434				
1146-65-2	Naphthalene-d8	644302	10.198				
15067-26-2	Acenaphthene-d10	400560	14.08				
1517-22-2	Phenanthrene-d10	846132	16.821				
1719-03-5	Chrysene-d12	723082	21.039				
1520-96-3	Perylene-d12	696142	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	160	J			3.328	
000079-39-0	Methacrylamide	220	J			3.528	
	unknown-01	100	J			4.616	
000770-35-4	1-Phenoxypropan-2-ol	170	J			10.998	
	unknown-02	850	J			14.316	
002531-84-2	Phenanthrene, 2-methyl-	240	J			17.698	
000832-69-9	Phenanthrene, 1-methyl-	440	J			17.751	
000613-12-7	Anthracene, 2-methyl-	78	J			17.827	
083469-43-6	6H-Cyclobuta[jk]phenanthrene	370	J			17.886	
000610-48-0	Anthracene, 1-methyl-	170	J			17.927	
093327-56-1	6-Phenylbenzocyclohepten-7-one	120	J			18.204	
000084-65-1	9,10-Anthracenedione	180	J			18.251	
1000452-24-5	3,4-Dimethylphenanthrene	220	J			18.627	
	unknown-03	150	J			18.692	
005737-13-3	Cyclopenta(def)phenanthrenone	200	J			18.768	
002381-21-7	Pyrene, 1-methyl-	120	J			19.586	
000243-17-4	11H-Benzo[b]fluorene	75	J			19.721	

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC31	SDG No.:	BM061324
Lab Sample ID:	P2659-10	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
BM046007.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000238-84-6	11H-Benzo[a]fluorene	120	J			19.756	
003353-12-6	Pyrene, 4-methyl-	110	J			19.909	
000479-79-8	11H-Benzo[a]fluoren-11-one	90	J			20.503	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	85	J			20.668	
	(DEL) Alkane: Straight-Chain20.751	150	J			20.751	
000082-05-3	7H-Benz[de]anthracen-7-one	85	J			20.804	
002541-69-7	Benz[a]anthracene, 7-methyl-	91	J			21.733	
	(DEL) Alkane: Straight-Chain22.303	82	J			22.303	
000192-97-2	Benzo[e]pyrene	170	J			23.109	
000198-55-0	Perylene	250	J			23.492	
E966796	Total Alkanes	230				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC32	SDG No.:	BM061324
Lab Sample ID:	P2659-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046008.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.5	76	ug/Kg
100-52-7	Benzaldehyde	85	U	85	94	380	ug/Kg
110-86-1	Pyridine	49	U	49	190	380	ug/Kg
108-95-2	Phenol	40	U	40	94	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	94	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.4	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	94	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	94	380	ug/Kg
98-86-2	Acetophenone	46	J	43	94	380	ug/Kg
106-44-5	4-Methylphenol	36	U	36	94	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	48.4	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	48.4	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	48.4	190	ug/Kg
78-59-1	Isophorone	39	U	39	48.4	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	48.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	48.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.4	190	ug/Kg
91-20-3	Naphthalene	47	J	39	48.4	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	48.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	48.4	190	ug/Kg
105-60-2	Caprolactam	140	U	140	94	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	48.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	90	U	90	94	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	48.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	48.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC32	SDG No.:	BM061324
Lab Sample ID:	P2659-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046008.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	48.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.4	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.4	190	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	48.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	48.4	190	ug/Kg
208-96-8	Acenaphthylene	240		49	48.4	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	94	380	ug/Kg
83-32-9	Acenaphthene	49	J	47	48.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	94	380	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	94	380	ug/Kg
132-64-9	Dibenzofuran	52	U	52	48.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	48.4	190	ug/Kg
84-66-2	Diethylphthalate	68	U	68	48.4	190	ug/Kg
86-73-7	Fluorene	100	J	51	48.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	48.4	190	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	94	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	94	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	48.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	48.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	48.4	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.4	190	ug/Kg
1912-24-9	Atrazine	44	U	44	94	380	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	94	380	ug/Kg
85-01-8	Phenanthrene	1600		50	48.4	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	48.4	190	ug/Kg
120-12-7	Anthracene	250		49	48.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	48.4	190	ug/Kg
86-74-8	Carbazole	120	J	51	94	380	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.4	190	ug/Kg
206-44-0	Fluoranthene	2700		50	94	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC32	SDG No.:	BM061324
Lab Sample ID:	P2659-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046008.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2000		50	48.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	48.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	94	380	ug/Kg
56-55-3	Benzo(a)anthracene	1100		44	48.4	190	ug/Kg
218-01-9	Chrysene	1300		51	48.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	48.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	94	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		48	48.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	520		51	48.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	720		48	48.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	560		42	48.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240		42	48.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	91	J	40	48.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	48.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.325		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	6.225	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	32.153		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.402		10-150		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.969		15-120		87	SPK: -40
190780-66-6	4-Methylphenol-d8	29.664		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	34.427		10-135		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.123		10-120		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.995		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.942		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.163		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	35.295		15-120		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.554		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	35.249		20-140		88	SPK: -40

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC32	SDG No.:	BM061324
Lab Sample ID:	P2659-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046008.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.258		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	35.227		10-150		88	SPK: -40
1718-52-1	Pyrene-d10	32.43		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.075		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	135129	7.434				
1146-65-2	Naphthalene-d8	579857	10.198				
15067-26-2	Acenaphthene-d10	358014	14.08				
1517-22-2	Phenanthrene-d10	748518	16.821				
1719-03-5	Chrysene-d12	570996	21.039				
1520-96-3	Perylene-d12	553630	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	97	J			3.34	
000079-39-0	Methacrylamide	140	J			3.528	
	unknown-01	120	J			4.616	
000770-35-4	1-Phenoxypropan-2-ol	240	J			10.998	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	97	J			14.486	
000486-25-9	9H-Fluoren-9-one	100	J			16.486	
000132-65-0	Dibenzothiophene	110	J			16.645	
016587-52-3	Dibenzothiophene, 3-methyl-	85	J			17.41	
002531-84-2	Phenanthrene, 2-methyl-	340	J			17.698	
000832-69-9	Phenanthrene, 1-methyl-	670	J			17.751	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	99	J			17.827	
000203-64-5	4H-Cyclopenta[def]phenanthrene	510	J			17.886	
000613-12-7	Anthracene, 2-methyl-	260	J			17.927	
000612-94-2	Naphthalene, 2-phenyl-	180	J			18.209	
000084-65-1	9,10-Anthracenedione	250	J			18.251	
000483-87-4	Phenanthrene, 1,7-dimethyl-	110	J			18.451	
001576-67-6	Phenanthrene, 3,6-dimethyl-	150	J			18.504	

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC32	SDG No.:	BM061324
Lab Sample ID:	P2659-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046008.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003674-66-6	Phenanthrene, 2,5-dimethyl-	320	J			18.627	
002789-88-0	di-p-Tolylacetylene	220	J			18.68	
005737-13-3	Cyclopenta(def)phenanthrenone	290	J			18.768	
002381-21-7	Pyrene, 1-methyl-	150	J			19.58	
033543-31-6	Fluoranthene, 2-methyl-	87	J			19.721	
000243-17-4	11H-Benzo[b]fluorene	140	J			19.756	
003353-12-6	Pyrene, 4-methyl-	130	J			19.909	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			20.503	
	(DEL) Alkane: Cyclic20.751	190	J			20.751	
000082-05-3	7H-Benz[de]anthracen-7-one	92	J			20.804	
002541-69-7	Benz[a]anthracene, 7-methyl-	96	J			21.727	
000301-02-0	9-Octadecenamide, (Z)-	98	J			22.303	
000192-97-2	Benzo[e]pyrene	250	J			23.109	
000198-55-0	Perylene	240	J			23.492	
	(DEL) Alkane: Straight-Chain24.609	300	J			24.609	
E966796	Total Alkanes	490				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC34	SDG No.:	BM061324
Lab Sample ID:	P2659-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BM046009.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	7.9	80	ug/Kg
100-52-7	Benzaldehyde	90	U	90	99.1	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	99.1	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.1	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.1	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	99.1	400	ug/Kg
98-86-2	Acetophenone	65	J	46	99.1	400	ug/Kg
106-44-5	4-Methylphenol	38	U	38	99.1	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51	200	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	51	200	ug/Kg
78-59-1	Isophorone	41	U	41	51	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51	200	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51	200	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51	200	ug/Kg
91-20-3	Naphthalene	41	U	41	51	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51	200	ug/Kg
105-60-2	Caprolactam	140	U	140	99.1	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51	200	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	51	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	99.1	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	51	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC34	SDG No.:	BM061324
Lab Sample ID:	P2659-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BM046009.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	51	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	51	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51	200	ug/Kg
208-96-8	Acenaphthylene	210		52	51	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.1	400	ug/Kg
83-32-9	Acenaphthene	49	U	49	51	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	99.1	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	99.1	400	ug/Kg
132-64-9	Dibenzofuran	55	U	55	51	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	51	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	51	200	ug/Kg
86-73-7	Fluorene	71	J	54	51	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	51	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	99.1	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.1	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	51	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	51	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51	200	ug/Kg
1912-24-9	Atrazine	47	U	47	99.1	400	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	99.1	400	ug/Kg
85-01-8	Phenanthrene	1200		53	51	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	51	200	ug/Kg
120-12-7	Anthracene	230		52	51	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51	200	ug/Kg
86-74-8	Carbazole	100	J	54	99.1	400	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	51	200	ug/Kg
206-44-0	Fluoranthene	2700		53	99.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC34	SDG No.:	BM061324
Lab Sample ID:	P2659-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BM046009.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2000		53	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	190	J	38	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.1	400	ug/Kg
56-55-3	Benzo(a)anthracene	1100		47	51	200	ug/Kg
218-01-9	Chrysene	1300		54	51	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	750		53	51	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	99.1	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		50	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	610		54	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	780		50	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	640		44	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	250		44	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	42	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.075		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	6.437	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	29.383		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.967		10-150		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.194		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	25.735		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	30.374		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.669		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.2		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.003		1-145		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.91		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	31.148		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.83		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	31.158		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC34	SDG No.:	BM061324
Lab Sample ID:	P2659-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046009.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.507		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	31.803		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	29.047		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.968		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142663	7.434				
1146-65-2	Naphthalene-d8	602411	10.198				
15067-26-2	Acenaphthene-d10	378697	14.08				
1517-22-2	Phenanthrene-d10	787088	16.821				
1719-03-5	Chrysene-d12	619963	21.039				
1520-96-3	Perylene-d12	613111	23.738				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	120	J			3.334	
	unknown-02	150	J			3.528	
1000186-02-3	Acetic acid, 3-[1,3]dioxolan-2-ylp	120	J			4.616	
000770-35-4	1-Phenoxypropan-2-ol	200	J			10.998	
000234-41-3	Naphtho[1,2-b]thiophene	91	J			16.645	
002531-84-2	Phenanthrene, 2-methyl-	250	J			17.698	
000057-10-3	n-Hexadecanoic acid	930	J			17.756	
000779-02-2	Anthracene, 9-methyl-	130	J			17.821	
000203-64-5	4H-Cyclopenta[def]phenanthrene	440	J			17.886	
000610-48-0	Anthracene, 1-methyl-	170	J			17.927	
093327-56-1	6-Phenylbenzocyclohepten-7-one	140	J			18.203	
000084-65-1	9,10-Anthracenedione	230	J			18.251	
001576-67-6	Phenanthrene, 3,6-dimethyl-	88	J			18.451	
002789-88-0	di-p-Tolylacetylene	110	J			18.503	
003674-66-6	Phenanthrene, 2,5-dimethyl-	250	J			18.627	
001576-69-8	Phenanthrene, 2,7-dimethyl-	160	J			18.68	
005737-13-3	Cyclopenta(def)phenanthrenone	230	J			18.768	

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC34	SDG No.:	BM061324
Lab Sample ID:	P2659-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17
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
BM046009.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
116196-83-9	4,4-Bis(tetrahydrothiopyran)	100	J			19.039	
000238-84-6	11H-Benzo[a]fluorene	120	J			19.756	
002381-21-7	Pyrene, 1-methyl-	100	J			19.909	
000479-79-8	11H-Benzo[a]fluoren-11-one	98	J			20.503	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	98	J			20.668	
	unknown-03	280	J			20.744	
000082-05-3	7H-Benz[de]anthracen-7-one	92	J			20.803	
001705-85-7	Chrysene, 6-methyl-	160	J			21.733	
062016-76-6	Nonadecane, 1-chloro-	85	J			22.303	
007390-81-0	Oxirane, hexadecyl-	550	J			22.592	
	(DEL) Alkane: Straight-Chain23.021	610	J			23.021	
000192-97-2	Benzo[e]pyrene	260	J			23.491	
022725-64-0	Octacosanal	550	J			24.138	
	(DEL) Alkane: Straight-Chain24.609	1100	J			24.609	
007494-34-0	26-Nor-5-cholesten-3.beta.-ol-25-o	660	J			25.497	
E966796	Total Alkanes	1700				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC35	SDG No.:	BM061324
Lab Sample ID:	P2659-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.9
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
BM046010.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.7	78	ug/Kg
100-52-7	Benzaldehyde	88	U	88	96.6	390	ug/Kg
110-86-1	Pyridine	50	U	50	190	390	ug/Kg
108-95-2	Phenol	41	U	41	96.6	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	96.6	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.8	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	96.6	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	96.6	390	ug/Kg
98-86-2	Acetophenone	55	J	45	96.6	390	ug/Kg
106-44-5	4-Methylphenol	37	U	37	96.6	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.8	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.8	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.8	200	ug/Kg
78-59-1	Isophorone	40	U	40	49.8	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	49.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	49.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	49.8	200	ug/Kg
91-20-3	Naphthalene	40	U	40	49.8	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49.8	200	ug/Kg
105-60-2	Caprolactam	140	U	140	96.6	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	49.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	49.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93	U	93	96.6	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC35	SDG No.:	BM061324
Lab Sample ID:	P2659-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.9
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
BM046010.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	49.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	49.8	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.8	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	49.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	49.8	200	ug/Kg
208-96-8	Acenaphthylene	190	J	50	49.8	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	96.6	390	ug/Kg
83-32-9	Acenaphthene	48	U	48	49.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	96.6	390	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	96.6	390	ug/Kg
132-64-9	Dibenzofuran	54	U	54	49.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	49.8	200	ug/Kg
84-66-2	Diethylphthalate	70	U	70	49.8	200	ug/Kg
86-73-7	Fluorene	55	J	53	49.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.8	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	96.6	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	96.6	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	49.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	49.8	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	49.8	200	ug/Kg
1912-24-9	Atrazine	46	U	46	96.6	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.6	390	ug/Kg
85-01-8	Phenanthrene	1000		52	49.8	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	49.8	200	ug/Kg
120-12-7	Anthracene	200		50	49.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	49.8	200	ug/Kg
86-74-8	Carbazole	93	J	53	96.6	390	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.8	200	ug/Kg
206-44-0	Fluoranthene	2400		52	96.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC35	SDG No.:	BM061324
Lab Sample ID:	P2659-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.9
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
BM046010.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800		52	49.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	200		37	49.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	96.6	390	ug/Kg
56-55-3	Benzo(a)anthracene	1000		46	49.8	200	ug/Kg
218-01-9	Chrysene	1200		53	49.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		52	49.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	890		40	96.6	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		49	49.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	570		53	49.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	680		49	49.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	570		43	49.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230		43	49.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	94	J	41	49.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.66		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	9.176		20-120		23	SPK: -40
4165-62-2	Phenol-d5	30.2		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.72		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.108		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	28.138		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	31.408		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.03		10-120		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.852		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.221		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.011		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	30.388		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.72		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	30.689		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC35	SDG No.:	BM061324
Lab Sample ID:	P2659-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.9
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
BM046010.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.805		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	31.92		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	29.174		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.864		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151572	7.434				
1146-65-2	Naphthalene-d8	636471	10.198				
15067-26-2	Acenaphthene-d10	397108	14.08				
1517-22-2	Phenanthrene-d10	819337	16.827				
1719-03-5	Chrysene-d12	646572	21.039				
1520-96-3	Perylene-d12	636680	23.738				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	150	J			3.328	
000770-35-4	1-Phenoxypropan-2-ol	230	J			10.992	
002531-84-2	Phenanthrene, 2-methyl-	260	J			17.698	
000057-10-3	n-Hexadecanoic acid	970	J			17.756	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	130	J			17.821	
000203-64-5	4H-Cyclopenta[def]phenanthrene	410	J			17.886	
004505-48-0	1H-Indene, 2-phenyl-	150	J			17.927	
093327-56-1	6-Phenylbenzocyclohepten-7-one	140	J			18.204	
000084-65-1	9,10-Anthracenedione	230	J			18.251	
000483-87-4	Phenanthrene, 1,7-dimethyl-	110	J			18.503	
003674-66-6	Phenanthrene, 2,5-dimethyl-	230	J			18.627	
001576-67-6	Phenanthrene, 3,6-dimethyl-	150	J			18.674	
005737-13-3	Cyclopenta(def)phenanthrenone	220	J			18.768	
000057-11-4	Octadecanoic acid	140	J			19.039	
000238-84-6	11H-Benzo[a]fluorene	95	J			19.756	
002381-21-7	Pyrene, 1-methyl-	98	J			19.909	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			20.509	

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC35	SDG No.:	BM061324
Lab Sample ID:	P2659-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.9
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
BM046010.D	1	6/4/2024 12:00:00 AM	6/12/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000356-89-2	Phthalic acid, 2-ethylbutyl heptyl	250	J			20.662	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	92	J			20.709	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	290	J			20.75	
000082-05-3	7H-Benz[de]anthracen-7-one	95	J			20.803	
003648-21-3	1,2-Benzenedicarboxylic acid, dihe	250	J			21.462	
1010308-94-0	Phthalic acid, heptyl undecyl este	170	J			21.562	
1000377-95-7	Phthalic acid, isobutyl 6-methylhe	150	J			22.092	
088216-58-4	Phthalic acid, heptyl octyl ester	1200	J			22.597	
1000371-08-8	Phthalic acid, 5-methylhex-2-yl he	260	J			22.697	
	(DEL) Alkane: Straight-Chain23.021	270	J			23.021	
000192-97-2	Benzo[e]pyrene	240	J			23.109	
000119-07-3	1,2-Benzenedicarboxylic acid, decy	720	J			23.28	
000198-55-0	Perylene	330	J			23.497	
	(DEL) Alkane: Straight-Chain24.609	440	J			24.609	
000057-88-5	Cholesterol	910	J			25.503	
E966796	Total Alkanes	710				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC39	SDG No.:	BM061324
Lab Sample ID:	P2659-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.7
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
BM046011.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	8.6	87	ug/Kg
100-52-7	Benzaldehyde	98	U	98	110	430	ug/Kg
110-86-1	Pyridine	56	U	56	220	430	ug/Kg
108-95-2	Phenol	46	U	46	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	110	430	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	55.5	220	ug/Kg
95-48-7	2-Methylphenol	39	U	39	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	110	430	ug/Kg
98-86-2	Acetophenone	63	J	50	110	430	ug/Kg
106-44-5	4-Methylphenol	42	U	42	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	38	U	38	55.5	220	ug/Kg
67-72-1	Hexachloroethane	30	U	30	55.5	220	ug/Kg
98-95-3	Nitrobenzene	47	U	47	55.5	220	ug/Kg
78-59-1	Isophorone	44	U	44	55.5	220	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	55.5	220	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	55.5	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	55.5	220	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	55.5	220	ug/Kg
91-20-3	Naphthalene	44	U	44	55.5	220	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	55.5	430	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	55.5	220	ug/Kg
105-60-2	Caprolactam	160	U	160	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	37	U	37	55.5	220	ug/Kg
90-12-0	1-Methylnaphthalene	54	U	54	55.5	220	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	55.5	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	55.5	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	55.5	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC39	SDG No.:	BM061324
Lab Sample ID:	P2659-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.7
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
BM046011.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	63	U	63	55.5	220	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	59	55.5	220	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	55.5	220	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	55.5	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	55.5	220	ug/Kg
208-96-8	Acenaphthylene	130	J	56	55.5	220	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	110	430	ug/Kg
83-32-9	Acenaphthene	54	U	54	55.5	220	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	110	430	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	110	430	ug/Kg
132-64-9	Dibenzofuran	60	U	60	55.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	55.5	220	ug/Kg
84-66-2	Diethylphthalate	78	U	78	55.5	220	ug/Kg
86-73-7	Fluorene	66	J	59	55.5	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	55.5	220	ug/Kg
100-01-6	4-Nitroaniline	55	U	55	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	55.5	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	67	U	67	55.5	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59	U	59	55.5	220	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	55.5	220	ug/Kg
1912-24-9	Atrazine	51	U	51	110	430	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	430	ug/Kg
85-01-8	Phenanthrene	1100		57	55.5	220	ug/Kg
608-93-5	Pentachlorobenzene	67	U	67	55.5	220	ug/Kg
120-12-7	Anthracene	190	J	56	55.5	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	43	U	43	55.5	220	ug/Kg
86-74-8	Carbazole	100	J	59	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	300		55	55.5	220	ug/Kg
206-44-0	Fluoranthene	2300		57	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC39	SDG No.:	BM061324
Lab Sample ID:	P2659-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.7
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
BM046011.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		57	55.5	220	ug/Kg
85-68-7	Butylbenzylphthalate	320		42	55.5	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	920		51	55.5	220	ug/Kg
218-01-9	Chrysene	1000		59	55.5	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		57	55.5	220	ug/Kg
117-84-0	Di-n-octyl phthalate	44	U	44	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		55	55.5	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	480		59	55.5	220	ug/Kg
50-32-8	Benzo(a)pyrene	580		55	55.5	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	470		48	55.5	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200	J	48	55.5	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	72	J	46	55.5	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	55.5	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.298		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	6.635	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	28.285		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.017		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.9		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	25.621		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	31.021		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.044		10-120		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.195		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.094		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.546		10-145		79	SPK: -40
93951-97-4	Acenaphthylene-d8	31.371		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.694		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	31.826		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC39	SDG No.:	BM061324
Lab Sample ID:	P2659-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.7
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
BM046011.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.782		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	31.37		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	29.544		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.618		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156164	7.434				
1146-65-2	Naphthalene-d8	644813	10.198				
15067-26-2	Acenaphthene-d10	394302	14.08				
1517-22-2	Phenanthrene-d10	811707	16.827				
1719-03-5	Chrysene-d12	596439	21.038				
1520-96-3	Perylene-d12	603740	23.738				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	130	J			3.334	
	unknown-01	160	J			3.528	
	unknown-02	160	J			4.616	
000770-35-4	1-Phenoxypropan-2-ol	190	J			10.998	
000080-48-8	Benzenesulfonic acid, 4-methyl-, m	170	J			14.021	
000640-61-9	Benzenesulfonamide, N,4-dimethyl-	1000	J			15.821	
002531-84-2	Phenanthrene, 2-methyl-	210	J			17.698	
000613-12-7	Anthracene, 2-methyl-	660	J			17.75	
000203-64-5	4H-Cyclopenta[def]phenanthrene	380	J			17.892	
004505-48-0	1H-Indene, 2-phenyl-	140	J			17.927	
006572-60-7	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4	120	J			18.203	
000084-65-1	9,10-Anthracenedione	190	J			18.25	
000781-43-1	9,10-Dimethylantracene	200	J			18.627	
001576-67-6	Phenanthrene, 3,6-dimethyl-	120	J			18.674	
005737-13-3	Cyclopenta(def)phenanthrenone	190	J			18.768	
000057-11-4	Octadecanoic acid	100	J			19.039	
000243-17-4	11H-Benzo[b]fluorene	140	J			19.58	

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC39	SDG No.:	BM061324
Lab Sample ID:	P2659-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.7
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
BM046011.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000238-84-6	11H-Benzo[a]fluorene	120	J			19.756	
002381-21-7	Pyrene, 1-methyl-	110	J			19.909	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			20.509	
	(DEL) Alkane: Straight-Chain20.750	200	J			20.75	
000082-05-3	7H-Benz[de]anthracen-7-one	88	J			20.803	
002381-31-9	Benz[a]anthracene, 8-methyl-	170	J			21.733	
000192-97-2	Benzo[e]pyrene	190	J			23.491	
	(DEL) Alkane: Straight-Chain24.615	470	J			24.615	
E966796	Total Alkanes	670				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC40	SDG No.:	BM061324
Lab Sample ID:	P2659-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
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
BM046012.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	8.7	88	ug/Kg
110-86-1	Pyridine	57	U	57	220	430	ug/Kg
100-52-7	Benzaldehyde	99	U	99	110	430	ug/Kg
108-95-2	Phenol	46	U	46	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	110	430	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	55.9	220	ug/Kg
95-48-7	2-Methylphenol	39	U	39	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	36	U	36	110	430	ug/Kg
98-86-2	Acetophenone	58	J	50	110	430	ug/Kg
106-44-5	4-Methylphenol	42	U	42	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	38	U	38	55.9	220	ug/Kg
67-72-1	Hexachloroethane	30	U	30	55.9	220	ug/Kg
98-95-3	Nitrobenzene	47	U	47	55.9	220	ug/Kg
78-59-1	Isophorone	45	U	45	55.9	220	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	55.9	220	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	55.9	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	55.9	220	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	55.9	220	ug/Kg
91-20-3	Naphthalene	56	J	45	55.9	220	ug/Kg
106-47-8	4-Chloroaniline	57	U	57	55.9	430	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	55.9	220	ug/Kg
105-60-2	Caprolactam	160	U	160	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	37	U	37	55.9	220	ug/Kg
90-12-0	1-Methylnaphthalene	54	J	54	55.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	49	U	49	55.9	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	57	U	57	55.9	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	55.9	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC40	SDG No.:	BM061324
Lab Sample ID:	P2659-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
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
BM046012.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	63	U	63	55.9	220	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	59	55.9	220	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	55.9	220	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	55.9	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	55.9	220	ug/Kg
208-96-8	Acenaphthylene	240		57	55.9	220	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	110	430	ug/Kg
83-32-9	Acenaphthene	64	J	54	55.9	220	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	110	430	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	110	430	ug/Kg
132-64-9	Dibenzofuran	60	U	60	55.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	36	U	36	55.9	220	ug/Kg
84-66-2	Diethylphthalate	79	U	79	55.9	220	ug/Kg
86-73-7	Fluorene	110	J	59	55.9	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62	U	62	55.9	220	ug/Kg
100-01-6	4-Nitroaniline	55	U	55	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	55.9	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	67	U	67	55.9	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59	U	59	55.9	220	ug/Kg
118-74-1	Hexachlorobenzene	66	U	66	55.9	220	ug/Kg
1912-24-9	Atrazine	51	U	51	110	430	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	430	ug/Kg
85-01-8	Phenanthrene	1800		58	55.9	220	ug/Kg
608-93-5	Pentachlorobenzene	67	U	67	55.9	220	ug/Kg
120-12-7	Anthracene	290		57	55.9	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	43	U	43	55.9	220	ug/Kg
86-74-8	Carbazole	130	J	59	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	130	J	55	55.9	220	ug/Kg
206-44-0	Fluoranthene	3200		58	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC40	SDG No.:	BM061324
Lab Sample ID:	P2659-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
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
BM046012.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2300		58	55.9	220	ug/Kg
85-68-7	Butylbenzylphthalate	180	J	42	55.9	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	1400		51	55.9	220	ug/Kg
218-01-9	Chrysene	1600		59	55.9	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	620		58	55.9	220	ug/Kg
117-84-0	Di-n-octyl phthalate	45	U	45	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		55	55.9	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	570		59	55.9	220	ug/Kg
50-32-8	Benzo(a)pyrene	840		55	55.9	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	700		49	55.9	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	300		49	55.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	46	55.9	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	55.9	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.426		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	6.075	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	24.228		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.584		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.331		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	20.059		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	26.986		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.091		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.382		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.951		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.997		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	28.222		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.959		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	28.453		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC40	SDG No.:	BM061324
Lab Sample ID:	P2659-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
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
BM046012.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.757		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	28.851		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	25.213		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	198636	7.434				
1146-65-2	Naphthalene-d8	830215	10.198				
15067-26-2	Acenaphthene-d10	501294	14.074				
1517-22-2	Phenanthrene-d10	947800	16.821				
1719-03-5	Chrysene-d12	639154	21.039				
1520-96-3	Perylene-d12	743567	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	130	J			3.328	
000079-39-0	Methacrylamide	140	J			3.528	
	unknown-01	120	J			4.616	
000770-35-4	1-Phenoxypropan-2-ol	180	J			10.992	
000080-48-8	Benzenesulfonic acid, 4-methyl-, m	170	J			14.022	
	unknown-02	110	J			14.486	
000640-61-9	Benzenesulfonamide, N,4-dimethyl-	930	J			15.821	
000486-25-9	9H-Fluoren-9-one	120	J			16.486	
000132-65-0	Dibenzothiophene	120	J			16.645	
002531-84-2	Phenanthrene, 2-methyl-	400	J			17.698	
000832-69-9	Phenanthrene, 1-methyl-	900	J			17.751	
000203-64-5	4H-Cyclopenta[def]phenanthrene	610	J			17.886	
000832-64-4	Phenanthrene, 4-methyl-	290	J			17.927	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	180	J			18.204	
000084-65-1	9,10-Anthracenedione	280	J			18.251	
001576-67-6	Phenanthrene, 3,6-dimethyl-	130	J			18.451	
000483-87-4	Phenanthrene, 1,7-dimethyl-	160	J			18.504	

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC40	SDG No.:	BM061324
Lab Sample ID:	P2659-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
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
BM046012.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003674-66-6	Phenanthrene, 2,5-dimethyl-	370	J			18.627	
002789-88-0	di-p-Tolylacetylene	250	J			18.674	
005737-13-3	Cyclopenta(def)phenanthrenone	300	J			18.768	
002381-21-7	Pyrene, 1-methyl-	170	J			19.58	
000243-17-4	11H-Benzo[b]fluorene	150	J			19.756	
003353-12-6	Pyrene, 4-methyl-	130	J			19.909	
000479-79-8	11H-Benzo[a]fluoren-11-one	120	J			20.509	
000203-12-3	Benzo[ghi]fluoranthene	170	J			20.75	
000082-05-3	7H-Benz[de]anthracen-7-one	110	J			20.804	
003351-28-8	Chrysene, 1-methyl-	100	J			21.668	
002541-69-7	Benz[a]anthracene, 7-methyl-	110	J			21.733	
000192-97-2	Benzo[e]pyrene	260	J			23.109	
000198-55-0	Perylene	310	J			23.491	
E966796	Total Alkanes	63	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC27	SDG No.:	BM061324
Lab Sample ID:	P2659-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046013.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.2	73	ug/Kg
100-52-7	Benzaldehyde	82	U	82	89.9	360	ug/Kg
110-86-1	Pyridine	47	U	47	180	360	ug/Kg
108-95-2	Phenol	38	U	38	89.9	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	89.9	360	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	46.3	190	ug/Kg
95-48-7	2-Methylphenol	33	U	33	89.9	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	89.9	360	ug/Kg
98-86-2	Acetophenone	41	U	41	89.9	360	ug/Kg
106-44-5	4-Methylphenol	35	U	35	89.9	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	32	U	32	46.3	190	ug/Kg
67-72-1	Hexachloroethane	25	U	25	46.3	190	ug/Kg
98-95-3	Nitrobenzene	39	U	39	46.3	190	ug/Kg
78-59-1	Isophorone	37	U	37	46.3	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	46.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	46.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	41	U	41	46.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	46.3	190	ug/Kg
91-20-3	Naphthalene	40	J	37	46.3	190	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	46.3	360	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	46.3	190	ug/Kg
105-60-2	Caprolactam	130	U	130	89.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30	U	30	46.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	46.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	46.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	86	U	86	89.9	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47	U	47	46.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	46.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC27	SDG No.:	BM061324
Lab Sample ID:	P2659-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046013.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	46.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	46.3	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	46.3	190	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	46.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	46.3	190	ug/Kg
208-96-8	Acenaphthylene	120	J	47	46.3	190	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	89.9	360	ug/Kg
83-32-9	Acenaphthene	54	J	45	46.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	89.9	360	ug/Kg
100-02-7	4-Nitrophenol	45	U	45	89.9	360	ug/Kg
132-64-9	Dibenzofuran	50	U	50	46.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	29	U	29	46.3	190	ug/Kg
84-66-2	Diethylphthalate	65	U	65	46.3	190	ug/Kg
86-73-7	Fluorene	71	J	49	46.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51	U	51	46.3	190	ug/Kg
100-01-6	4-Nitroaniline	46	U	46	89.9	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	89.9	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	46.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	46.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49	U	49	46.3	190	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	46.3	190	ug/Kg
1912-24-9	Atrazine	42	U	42	89.9	360	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	89.9	360	ug/Kg
85-01-8	Phenanthrene	1200		48	46.3	190	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	46.3	190	ug/Kg
120-12-7	Anthracene	190		47	46.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	36	U	36	46.3	190	ug/Kg
86-74-8	Carbazole	96	J	49	89.9	360	ug/Kg
84-74-2	Di-n-butylphthalate	46	U	46	46.3	190	ug/Kg
206-44-0	Fluoranthene	1900		48	89.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC27	SDG No.:	BM061324
Lab Sample ID:	P2659-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046013.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		48	46.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	35	U	35	46.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	89.9	360	ug/Kg
56-55-3	Benzo(a)anthracene	720		42	46.3	190	ug/Kg
218-01-9	Chrysene	790		49	46.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	46.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	37	U	37	89.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		46	46.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	300		49	46.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	470		46	46.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	360		40	46.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	40	46.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	J	38	46.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	46.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.275		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	3.429	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	21.672		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.775		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.977		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	20.312		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	23.06		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.473		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.232		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.783		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.962		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.871		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.428		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	23.268		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC27	SDG No.:	BM061324
Lab Sample ID:	P2659-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046013.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.5		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	22.681		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	21.725		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.903		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	195344	7.434				
1146-65-2	Naphthalene-d8	822348	10.198				
15067-26-2	Acenaphthene-d10	515207	14.08				
1517-22-2	Phenanthrene-d10	1058685	16.821				
1719-03-5	Chrysene-d12	793411	21.039				
1520-96-3	Perylene-d12	791758	23.744				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	120	J			3.328	
000079-39-0	Methacrylamide	170	J			3.528	
	unknown-01	93	J			4.616	
000770-35-4	1-Phenoxypropan-2-ol	160	J			10.998	
	unknown-02	1200	J			14.316	
000486-25-9	9H-Fluoren-9-one	80	J			16.486	
000268-77-9	Naphtho[2,3-b]thiophene	74	J			16.645	
002531-84-2	Phenanthrene, 2-methyl-	170	J			17.698	
000832-69-9	Phenanthrene, 1-methyl-	430	J			17.751	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	81	J			17.827	
000203-64-5	4H-Cyclopenta[def]phenanthrene	290	J			17.892	
004980-70-5	Propyne, 1,3-diphenyl-	110	J			17.927	
000612-94-2	Naphthalene, 2-phenyl-	110	J			18.203	
000084-65-1	9,10-Anthracenedione	160	J			18.251	
003674-66-6	Phenanthrene, 2,5-dimethyl-	140	J			18.627	
	unknown-03	89	J			18.692	
005737-13-3	Cyclopenta(def)phenanthrenone	150	J			18.768	

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC27	SDG No.:	BM061324
Lab Sample ID:	P2659-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046013.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002381-21-7	Pyrene, 1-methyl-	110	J			19.58	
000243-17-4	11H-Benzo[b]fluorene	89	J			19.756	
003442-78-2	Pyrene, 2-methyl-	83	J			19.909	
000479-79-8	11H-Benzo[a]fluoren-11-one	74	J			20.509	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	170	J			20.75	
000082-05-3	7H-Benz[de]anthracen-7-one	91	J			20.803	
000192-97-2	Benzo[e]pyrene	130	J			23.109	
000205-82-3	Benzo[j]fluoranthene	170	J			23.497	
E966796	Total Alkanes	52	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	SLCS309	SDG No.:	BM061324
Lab Sample ID:	PB161309BS	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
BM046014.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	400		13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1600		75	82.5	330	ug/Kg
110-86-1	Pyridine	1200		43	170	330	ug/Kg
108-95-2	Phenol	1300		35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1300		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1300		30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		27	82.5	330	ug/Kg
98-86-2	Acetophenone	1300		38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1400		32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1200		23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1200		36	42.5	170	ug/Kg
78-59-1	Isophorone	1300		34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1300		32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		39	42.5	170	ug/Kg
91-20-3	Naphthalene	1200		34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	1100		43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1200		34	42.5	170	ug/Kg
105-60-2	Caprolactam	1600		120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1200		41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1200		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	650		79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	SLCS309	SDG No.:	BM061324
Lab Sample ID:	PB161309BS	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
BM046014.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200		48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1200		45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1500		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1200		42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1200		43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1600		20	82.5	330	ug/Kg
83-32-9	Acenaphthene	1200		41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1600		41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1300		46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1500		27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1300		60	42.5	170	ug/Kg
86-73-7	Fluorene	1300		45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1900		42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1200		42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1200		50	42.5	170	ug/Kg
1912-24-9	Atrazine	1200		39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1400		87	82.5	330	ug/Kg
85-01-8	Phenanthrene	1200		44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1200		51	42.5	170	ug/Kg
120-12-7	Anthracene	1200		43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		33	42.5	170	ug/Kg
86-74-8	Carbazole	1300		45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1300		42	42.5	170	ug/Kg
206-44-0	Fluoranthene	1300		44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	SLCS309	SDG No.:	BM061324
Lab Sample ID:	PB161309BS	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
BM046014.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1200		39	42.5	170	ug/Kg
218-01-9	Chrysene	1200		45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1100		42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.912		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	34.116		20-120		85	SPK: -40
4165-62-2	Phenol-d5	37.483		10-130		94	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.252		10-150		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	38.661		15-120		97	SPK: -40
190780-66-6	4-Methylphenol-d8	38.512		10-140		96	SPK: -40
4165-60-0	Nitrobenzene-d5	37.386		10-135		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.531		10-120		101	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	39.008		10-140		98	SPK: -40
191656-33-4	4-Chloroaniline-d4	37.232		1-145		93	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.425		10-145		94	SPK: -40
93951-97-4	Acenaphthylene-d8	36.92		15-120		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	42.604		10-150		107	SPK: -40
81103-79-9	Fluorene-d10	36.689		20-140		92	SPK: -40

Report of Analysis

Client:		Date Collected:	6/4/2024 12:00:00 AM
Project:		Date Received:	6/4/2024 12:00:00 AM
Client Sample ID:	SLCS309	SDG No.:	BM061324
Lab Sample ID:	PB161309BS	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
BM046014.D	1	6/4/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.405		10-130		99	SPK: -40
1719-06-8	Anthracene-d10	36.576		10-150		91	SPK: -40
1718-52-1	Pyrene-d10	38.868		10-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.272		10-140		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	176673	7.428				
1146-65-2	Naphthalene-d8	762975	10.192				
15067-26-2	Acenaphthene-d10	479301	14.074				
1517-22-2	Phenanthrene-d10	970384	16.827				
1719-03-5	Chrysene-d12	655834	21.039				
1520-96-3	Perylene-d12	705370	23.738				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6528			SDG No.:	BM061324		
Lab Sample ID:	SP6528			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046015.D	1		6/13/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	490	U	490	500	2000	ug/L
100-52-7	Benzaldehyde	2500	U	2500	5000	10000	ug/L
110-86-1	Pyridine	1400	U	1400	10000	10000	ug/L
108-95-2	Phenol	1400	U	1400	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1400	U	1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	1300	U	1300	2500	5000	ug/L
95-48-7	2-Methylphenol	1400	U	1400	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1400	U	1400	5000	10000	ug/L
98-86-2	Acetophenone	1500	U	1500	5000	10000	ug/L
106-44-5	4-Methylphenol	1400	U	1400	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1600	U	1600	2500	5000	ug/L
67-72-1	Hexachloroethane	1100	U	1100	2500	5000	ug/L
98-95-3	Nitrobenzene	1400	U	1400	2500	5000	ug/L
78-59-1	Isophorone	1400	U	1400	2500	5000	ug/L
88-75-5	2-Nitrophenol	1400	U	1400	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	980	U	980	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1500	U	1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	1500	U	1500	2500	5000	ug/L
91-20-3	Naphthalene	1300	U	1300	2500	5000	ug/L
106-47-8	4-Chloroaniline	1400	U	1400	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	1200	U	1200	2500	5000	ug/L
105-60-2	Caprolactam	4500	U	4500	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	1400	U	1400	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	1300	U	1300	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1400	U	1400	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3300	U	3300	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	1500	U	1500	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	1500	U	1500	2500	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SP6528	SDG No.:	BM061324
Lab Sample ID:	SP6528	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046015.D	1		6/13/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700	U	1700	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1600	U	1600	2500	5000	ug/L
88-74-4	2-Nitroaniline	1200	U	1200	2500	5000	ug/L
131-11-3	Dimethylphthalate	1500	U	1500	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1100	U	1100	2500	5000	ug/L
208-96-8	Acenaphthylene	1500	U	1500	2500	5000	ug/L
99-09-2	3-Nitroaniline	840	U	840	5000	10000	ug/L
83-32-9	Acenaphthene	1500	U	1500	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	5900	U	5900	5000	10000	ug/L
100-02-7	4-Nitrophenol	1500	U	1500	5000	10000	ug/L
132-64-9	Dibenzofuran	1500	U	1500	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1100	U	1100	2500	5000	ug/L
84-66-2	Diethylphthalate	1500	U	1500	2500	5000	ug/L
86-73-7	Fluorene	1500	U	1500	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1600	U	1600	2500	5000	ug/L
100-01-6	4-Nitroaniline	1300	U	1300	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	940	U	940	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	1600	U	1600	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1800	U	1800	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	1500	U	1500	2500	5000	ug/L
118-74-1	Hexachlorobenzene	1600	U	1600	2500	5000	ug/L
1912-24-9	Atrazine	1600	U	1600	5000	10000	ug/L
87-86-5	Pentachlorophenol	3600	U	3600	5000	10000	ug/L
85-01-8	Phenanthrene	1600	U	1600	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1500	U	1500	2500	5000	ug/L
120-12-7	Anthracene	1400	U	1400	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1200	U	1200	2500	5000	ug/L
86-74-8	Carbazole	1600	U	1600	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	1700	U	1700	2500	5000	ug/L
206-44-0	Fluoranthene	1700	U	1700	5000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6528			SDG No.:	BM061324		
Lab Sample ID:	SP6528			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046015.D	1		6/13/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1700	U	1700	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	1500	U	1500	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1100	U	1100	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	1400	U	1400	2500	5000	ug/L
218-01-9	Chrysene	1500	U	1500	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1800	U	1800	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	1400	U	1400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1600	U	1600	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1700	U	1700	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1500	U	1500	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1400	U	1400	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1400	U	1400	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1400	U	1400	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	14050	*	15-120		175625	SPK: -8
7291-22-7	Pyridine-d5	87937	*	20-120		219843	SPK: -40
4165-62-2	Phenol-d5	87891	*	10-130		219727	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	85581	*	25-120		213952	SPK: -40
93951-73-6	2-Chlorophenol-d4	91698	*	20-130		229245	SPK: -40
190780-66-6	4-Methylphenol-d8	92271	*	25-125		230677	SPK: -40
4165-60-0	Nitrobenzene-d5	90054	*	20-125		225135	SPK: -40
93951-78-1	2-Nitrophenol-d4	98393	*	20-130		245982	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	87505	*	20-120		218763	SPK: -40
191656-33-4	4-Chloroaniline-d4	91878	*	1-146		229695	SPK: -40
85448-30-2	Dimethylphthalate-d6	86981	*	25-130		217452	SPK: -40
93951-97-4	Acenaphthylene-d8	89197	*	10-130		222993	SPK: -40
93951-79-2	4-Nitrophenol-d4	74556	*	10-150		186390	SPK: -40
81103-79-9	Fluorene-d10	87928	*	25-125		219820	SPK: -40

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6528			SDG No.:	BM061324		
Lab Sample ID:	SP6528			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046015.D	1		6/13/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	83164	*	10-130		207910	SPK: -40
1719-06-8	Anthracene-d10	90117	*	25-130		225293	SPK: -40
1718-52-1	Pyrene-d10	90939	*	15-130		227348	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	89440	*	20-130		223600	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159217	7.434				
1146-65-2	Naphthalene-d8	679597	10.198				
15067-26-2	Acenaphthene-d10	422359	14.08				
1517-22-2	Phenanthrene-d10	864839	16.827				
1719-03-5	Chrysene-d12	633113	21.039				
1520-96-3	Perylene-d12	652730	23.738				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1700	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SBLK272	SDG No.:	BM061324
Lab Sample ID:	PB161272BL	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
BM046019.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	67	ug/Kg
110-86-1	Pyridine	43	U	43	170	330	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.5	330	ug/Kg
108-95-2	Phenol	35	U	35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82.5	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	29	U	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	23	U	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	36	U	36	42.5	170	ug/Kg
78-59-1	Isophorone	34	U	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	42.5	170	ug/Kg
91-20-3	Naphthalene	34	U	34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	42.5	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28	U	28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	79	U	79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43	U	43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SBLK272	SDG No.:	BM061324
Lab Sample ID:	PB161272BL	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
BM046019.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	43	U	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	41	U	41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	41	U	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.5	170	ug/Kg
86-73-7	Fluorene	45	U	45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47	U	47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	82.5	330	ug/Kg
85-01-8	Phenanthrene	44	U	44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.5	170	ug/Kg
120-12-7	Anthracene	43	U	43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.5	170	ug/Kg
86-74-8	Carbazole	45	U	45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	42	U	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	44	U	44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SBLK272	SDG No.:	BM061324
Lab Sample ID:	PB161272BL	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
BM046019.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.45		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	27.612		20-120		69	SPK: -40
4165-62-2	Phenol-d5	27.119		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.737		10-150		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.934		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	27.825		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	29.618		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.494		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.668		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.797		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.725		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	29.225		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.81		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	30.622		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	6/3/2024 12:00:00 AM
Project:		Date Received:	6/3/2024 12:00:00 AM
Client Sample ID:	SBLK272	SDG No.:	BM061324
Lab Sample ID:	PB161272BL	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
BM046019.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.299		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	30.154		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	24.153		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.472		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83208	7.434				
1146-65-2	Naphthalene-d8	316117	10.204				
15067-26-2	Acenaphthene-d10	203760	14.08				
1517-22-2	Phenanthrene-d10	458886	16.827				
1719-03-5	Chrysene-d12	492639	21.039				
1520-96-3	Perylene-d12	593086	23.738				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	220	J			17.762	
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBZ8	SDG No.:	BM061324
Lab Sample ID:	P2648-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BM046020.D	20	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	320	U	320	160	1600	ug/Kg
110-86-1	Pyridine	1100	U	1100	4000	8100	ug/Kg
100-52-7	Benzaldehyde	1800	U	1800	2000	8100	ug/Kg
108-95-2	Phenol	860	U	860	2000	8100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	830	U	830	2000	8100	ug/Kg
95-57-8	2-Chlorophenol	690	U	690	1000	4200	ug/Kg
95-48-7	2-Methylphenol	730	U	730	2000	8100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	660	U	660	2000	8100	ug/Kg
98-86-2	Acetophenone	930	U	930	2000	8100	ug/Kg
106-44-5	4-Methylphenol	780	U	780	2000	8100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	710	U	710	1000	4200	ug/Kg
67-72-1	Hexachloroethane	560	U	560	1000	4200	ug/Kg
98-95-3	Nitrobenzene	880	U	880	1000	4200	ug/Kg
78-59-1	Isophorone	830	U	830	1000	4200	ug/Kg
88-75-5	2-Nitrophenol	780	U	780	1000	4200	ug/Kg
105-67-9	2,4-Dimethylphenol	690	U	690	1000	4200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	930	U	930	1000	4200	ug/Kg
120-83-2	2,4-Dichlorophenol	950	U	950	1000	4200	ug/Kg
91-20-3	Naphthalene	830	U	830	1000	4200	ug/Kg
106-47-8	4-Chloroaniline	1100	U	1100	1000	8100	ug/Kg
87-68-3	Hexachlorobutadiene	830	U	830	1000	4200	ug/Kg
105-60-2	Caprolactam	2900	U	2900	2000	8100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	690	U	690	1000	4200	ug/Kg
90-12-0	1-Methylnaphthalene	1000	U	1000	1000	4200	ug/Kg
91-57-6	2-Methylnaphthalene	910	U	910	1000	4200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900	U	1900	2000	8100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100	U	1100	1000	4200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000	U	1000	1000	4200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBZ8	SDG No.:	BM061324
Lab Sample ID:	P2648-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BM046020.D	20	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200	U	1200	1000	4200	ug/Kg
91-58-7	2-Chloronaphthalene	1100	U	1100	1000	4200	ug/Kg
88-74-4	2-Nitroaniline	540	U	540	1000	4200	ug/Kg
131-11-3	Dimethylphthalate	1000	U	1000	1000	4200	ug/Kg
606-20-2	2,6-Dinitrotoluene	510	U	510	1000	4200	ug/Kg
208-96-8	Acenaphthylene	1100	U	1100	1000	4200	ug/Kg
99-09-2	3-Nitroaniline	490	U	490	2000	8100	ug/Kg
83-32-9	Acenaphthene	1000	U	1000	1000	4200	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	2900	2000	8100	ug/Kg
100-02-7	4-Nitrophenol	1000	U	1000	2000	8100	ug/Kg
132-64-9	Dibenzofuran	1100	U	1100	1000	4200	ug/Kg
121-14-2	2,4-Dinitrotoluene	660	U	660	1000	4200	ug/Kg
84-66-2	Diethylphthalate	1500	U	1500	1000	4200	ug/Kg
86-73-7	Fluorene	1100	U	1100	1000	4200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200	U	1200	1000	4200	ug/Kg
100-01-6	4-Nitroaniline	1000	U	1000	2000	8100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	390	2000	8100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1000	U	1000	1000	4200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200	U	1200	1000	4200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100	U	1100	1000	4200	ug/Kg
118-74-1	Hexachlorobenzene	1200	U	1200	1000	4200	ug/Kg
1912-24-9	Atrazine	950	U	950	2000	8100	ug/Kg
87-86-5	Pentachlorophenol	2100	U	2100	2000	8100	ug/Kg
85-01-8	Phenanthrene	2900	JD	1100	1000	4200	ug/Kg
608-93-5	Pentachlorobenzene	1200	U	1200	1000	4200	ug/Kg
120-12-7	Anthracene	1100	U	1100	1000	4200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	810	U	810	1000	4200	ug/Kg
86-74-8	Carbazole	1100	U	1100	2000	8100	ug/Kg
84-74-2	Di-n-butylphthalate	1000	U	1000	1000	4200	ug/Kg
206-44-0	Fluoranthene	4100	JD	1100	2000	4200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBZ8	SDG No.:	BM061324
Lab Sample ID:	P2648-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BM046020.D	20	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2900	JD	1100	1000	4200	ug/Kg
85-68-7	Butylbenzylphthalate	780	U	780	1000	4200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	560	U	560	2000	8100	ug/Kg
56-55-3	Benzo(a)anthracene	2900	JD	950	1000	4200	ug/Kg
218-01-9	Chrysene	3400	JD	1100	1000	4200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400	JD	1100	1000	4200	ug/Kg
117-84-0	Di-n-octyl phthalate	830	U	830	2000	8100	ug/Kg
205-99-2	Benzo(b)fluoranthene	4500	D	1000	1000	4200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400	JD	1100	1000	4200	ug/Kg
50-32-8	Benzo(a)pyrene	1700	JD	1000	1000	4200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800	JD	910	1000	4200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	910	U	910	1000	4200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	860	U	860	1000	4200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	910	U	910	1000	4200	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	6.8	U	20-120		0	SPK: -40
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
4165-62-2	Phenol-d5	18		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.12		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.52		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	18.92		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	19.86		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.98		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.52		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.72		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	23.24		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.58		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	23.66		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBZ8	SDG No.:	BM061324
Lab Sample ID:	P2648-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BM046020.D	20	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.9		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	28.6		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	18.24		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.26		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78934	7.434				
1146-65-2	Naphthalene-d8	320674	10.204				
15067-26-2	Acenaphthene-d10	206032	14.08				
1517-22-2	Phenanthrene-d10	445819	16.827				
1719-03-5	Chrysene-d12	479961	21.039				
1520-96-3	Perylene-d12	594878	23.739				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	4900	JD			17.757	
000057-11-4	Octadecanoic acid	1700	JD			19.045	
E966796	Total Alkanes	1200	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC50	SDG No.:	BM061324
Lab Sample ID:	P2648-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046021.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.5	76	ug/Kg
100-52-7	Benzaldehyde	85	U	85	93.8	380	ug/Kg
110-86-1	Pyridine	49	U	49	190	380	ug/Kg
108-95-2	Phenol	40	U	40	93.8	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	93.8	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.3	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	93.8	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	93.8	380	ug/Kg
98-86-2	Acetophenone	43	U	43	93.8	380	ug/Kg
106-44-5	4-Methylphenol	36	U	36	93.8	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	48.3	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	48.3	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	48.3	190	ug/Kg
78-59-1	Isophorone	39	U	39	48.3	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	48.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	48.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.3	190	ug/Kg
91-20-3	Naphthalene	68	J	39	48.3	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	48.3	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	48.3	190	ug/Kg
105-60-2	Caprolactam	140	U	140	93.8	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	69	J	47	48.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	57	J	42	48.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	90	U	90	93.8	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	48.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	48.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC50	SDG No.:	BM061324
Lab Sample ID:	P2648-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046021.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	48.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.3	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.3	190	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	48.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	48.3	190	ug/Kg
208-96-8	Acenaphthylene	690		49	48.3	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	93.8	380	ug/Kg
83-32-9	Acenaphthene	120	J	47	48.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	93.8	380	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	93.8	380	ug/Kg
132-64-9	Dibenzofuran	73	J	52	48.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	48.3	190	ug/Kg
84-66-2	Diethylphthalate	68	U	68	48.3	190	ug/Kg
86-73-7	Fluorene	220		51	48.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	48.3	190	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	93.8	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	93.8	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	48.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	48.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	48.3	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.3	190	ug/Kg
1912-24-9	Atrazine	44	U	44	93.8	380	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	93.8	380	ug/Kg
85-01-8	Phenanthrene	3400	E	50	48.3	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	48.3	190	ug/Kg
120-12-7	Anthracene	700		49	48.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	48.3	190	ug/Kg
86-74-8	Carbazole	320	J	51	93.8	380	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.3	190	ug/Kg
206-44-0	Fluoranthene	5400	E	50	93.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC50	SDG No.:	BM061324
Lab Sample ID:	P2648-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046021.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4100	E	50	48.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	130	J	36	48.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	93.8	380	ug/Kg
56-55-3	Benzo(a)anthracene	2600		44	48.3	190	ug/Kg
218-01-9	Chrysene	2900		51	48.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320		50	48.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	93.8	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	3700	E	48	48.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		51	48.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	1800		48	48.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		42	48.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	610		42	48.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	460		40	48.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	48.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.968		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	4.885	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	20.318		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.474		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.265		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	19.909		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	20.267		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.048		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.502		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.085		1-145		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.977		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	23.385		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.409		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	24.469		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC50	SDG No.:	BM061324
Lab Sample ID:	P2648-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046021.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.282		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	24.568		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	19.024		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.216		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106080	7.434				
1146-65-2	Naphthalene-d8	438969	10.198				
15067-26-2	Acenaphthene-d10	285319	14.075				
1517-22-2	Phenanthrene-d10	617955	16.821				
1719-03-5	Chrysene-d12	621319	21.039				
1520-96-3	Perylene-d12	707210	23.744				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	420	J			14.316	
002235-15-6	1(2H)-Acenaphthylenone	210	J			15.81	
001730-37-6	9H-Fluorene, 1-methyl-	130	J			16.133	
000486-25-9	9H-Fluoren-9-one	220	J			16.486	
000132-65-0	Dibenzothiophene	210	J			16.639	
000230-27-3	Benzo[h]quinoline	140	J			17.027	
000605-02-7	Naphthalene, 1-phenyl-	140	J			17.351	
1000383-55-1	2-Methyldibenzothiophene	180	J			17.404	
002531-84-2	Phenanthrene, 2-methyl-	670	J			17.698	
000832-69-9	Phenanthrene, 1-methyl-	1500	J			17.745	
000949-41-7	1H-Cyclopropa[l]phenanthrene, 1a,9b	270	J			17.821	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	1100	J			17.886	
004505-48-0	1H-Indene, 2-phenyl-	480	J			17.927	
	unknown-02	150	J			18.021	
000612-94-2	Naphthalene, 2-phenyl-	410	J			18.204	
000084-65-1	9,10-Anthracenedione	630	J			18.245	
000483-87-4	Phenanthrene, 1,7-dimethyl-	200	J			18.451	

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC50	SDG No.:	BM061324
Lab Sample ID:	P2648-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046021.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001576-67-6	Phenanthrene, 3,6-dimethyl-	230	J			18.504	
007469-40-1	Naphthalene, 1,2-dihydro-4-phenyl-	160	J			18.539	
003674-66-6	Phenanthrene, 2,5-dimethyl-	590	J			18.621	
001576-69-8	Phenanthrene, 2,7-dimethyl-	460	J			18.68	
000781-43-1	9,10-Dimethylanthracene	140	J			18.715	
005737-13-3	Cyclopenta(def)phenanthrenone	600	J			18.768	
002381-21-7	Pyrene, 1-methyl-	160	J			19.58	
000243-17-4	11H-Benzo[b]fluorene	140	J			19.756	
000203-12-3	Benzo[ghi]fluoranthene	160	J			20.745	
000638-66-4	Octadecanal	920	J			22.592	
	(DEL) Alkane: Straight-Chain23.021	590	J			23.021	
000192-97-2	Benzo[e]pyrene	700	J			23.109	
037574-47-3	Benzo(a)pyrene 4,5-oxide	200	J			23.286	
000198-55-0	Perylene	1200	J			23.497	
	(DEL) Alkane: Straight-Chain24.609	1000	J			24.609	
E966796	Total Alkanes	1600				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBZ8	SDG No.:	BM061324
Lab Sample ID:	P2648-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BM046022.D	2	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	16.2	160	ug/Kg
100-52-7	Benzaldehyde	180	U	180	200	810	ug/Kg
110-86-1	Pyridine	110	U	110	400	810	ug/Kg
108-95-2	Phenol	86	U	86	200	810	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	83	U	83	200	810	ug/Kg
95-57-8	2-Chlorophenol	69	U	69	100	420	ug/Kg
95-48-7	2-Methylphenol	73	U	73	200	810	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	200	810	ug/Kg
98-86-2	Acetophenone	93	U	93	200	810	ug/Kg
106-44-5	4-Methylphenol	78	U	78	200	810	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	71	U	71	100	420	ug/Kg
67-72-1	Hexachloroethane	56	U	56	100	420	ug/Kg
98-95-3	Nitrobenzene	88	U	88	100	420	ug/Kg
78-59-1	Isophorone	83	U	83	100	420	ug/Kg
88-75-5	2-Nitrophenol	78	U	78	100	420	ug/Kg
105-67-9	2,4-Dimethylphenol	69	U	69	100	420	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	93	U	93	100	420	ug/Kg
120-83-2	2,4-Dichlorophenol	95	U	95	100	420	ug/Kg
91-20-3	Naphthalene	220	JD	83	100	420	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	100	810	ug/Kg
87-68-3	Hexachlorobutadiene	83	U	83	100	420	ug/Kg
105-60-2	Caprolactam	290	U	290	200	810	ug/Kg
59-50-7	4-Chloro-3-methylphenol	69	U	69	100	420	ug/Kg
90-12-0	1-Methylnaphthalene	130	JD	100	100	420	ug/Kg
91-57-6	2-Methylnaphthalene	140	JD	91	100	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	200	810	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	100	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	100	420	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBZ8	SDG No.:	BM061324
Lab Sample ID:	P2648-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BM046022.D	2	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	100	420	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	100	420	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	100	420	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	100	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	51	100	420	ug/Kg
208-96-8	Acenaphthylene	260	JD	110	100	420	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	200	810	ug/Kg
83-32-9	Acenaphthene	130	JD	100	100	420	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	200	810	ug/Kg
100-02-7	4-Nitrophenol	100	U	100	200	810	ug/Kg
132-64-9	Dibenzofuran	180	JD	110	100	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	66	U	66	100	420	ug/Kg
84-66-2	Diethylphthalate	150	U	150	100	420	ug/Kg
86-73-7	Fluorene	200	JD	110	100	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	100	420	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	200	810	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	200	810	ug/Kg
86-30-6	N-Nitrosodiphenylamine	100	U	100	100	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	100	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	100	420	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	100	420	ug/Kg
1912-24-9	Atrazine	95	U	95	200	810	ug/Kg
87-86-5	Pentachlorophenol	210	U	210	200	810	ug/Kg
85-01-8	Phenanthrene	2800	D	110	100	420	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	100	420	ug/Kg
120-12-7	Anthracene	900	D	110	100	420	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	81	U	81	100	420	ug/Kg
86-74-8	Carbazole	420	JD	110	200	810	ug/Kg
84-74-2	Di-n-butylphthalate	420	D	100	100	420	ug/Kg
206-44-0	Fluoranthene	4200	D	110	200	420	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBZ8	SDG No.:	BM061324
Lab Sample ID:	P2648-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BM046022.D	2	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3000	D	110	100	420	ug/Kg
85-68-7	Butylbenzylphthalate	110	JD	78	100	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	200	810	ug/Kg
56-55-3	Benzo(a)anthracene	2700	D	95	100	420	ug/Kg
218-01-9	Chrysene	3100	D	110	100	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500	D	110	100	420	ug/Kg
117-84-0	Di-n-octyl phthalate	83	U	83	200	810	ug/Kg
205-99-2	Benzo(b)fluoranthene	4200	D	100	100	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500	D	110	100	420	ug/Kg
50-32-8	Benzo(a)pyrene	1700	D	100	100	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600	D	91	100	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	680	D	91	100	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	340	JD	86	100	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91	U	91	100	420	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.216		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	3.802	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	21.744		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.274		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.28		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	22.648		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	22.356		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.134		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.714		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.518		1-145		4	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.302		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	23.534		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.104		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	24.284		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBZ8	SDG No.:	BM061324
Lab Sample ID:	P2648-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BM046022.D	2	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.722		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	24.194		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	17.704		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.374		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130766	7.434				
1146-65-2	Naphthalene-d8	533634	10.198				
15067-26-2	Acenaphthene-d10	325985	14.075				
1517-22-2	Phenanthrene-d10	663477	16.821				
1719-03-5	Chrysene-d12	632228	21.039				
1520-96-3	Perylene-d12	709927	23.756				
TENTATIVE IDENTIFIED COMPOUNDS							
000486-25-9	9H-Fluoren-9-one	280	JD			16.486	
002531-84-2	Phenanthrene, 2-methyl-	400	JD			17.698	
000949-41-7	1H-Cyclopropa[l]phenanthrene, 1a,9b	1700	JD			17.751	
000203-64-5	4H-Cyclopenta[def]phenanthrene	680	JD			17.886	
000779-02-2	Anthracene, 9-methyl-	340	JD			17.927	
006572-60-7	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4	270	JD			18.204	
000084-65-1	9,10-Anthracenedione	430	JD			18.251	
003674-69-9	Phenanthrene, 4,5-dimethyl-	180	JD			18.451	
000781-43-1	9,10-Dimethylanthracene	360	JD			18.627	
005737-13-3	Cyclopenta(def)phenanthrenone	490	JD			18.768	
000057-11-4	Octadecanoic acid	250	JD			19.039	
002381-21-7	Pyrene, 1-methyl-	210	JD			19.909	
004329-12-8	m,p-DDD	290	JD			20.327	
000479-79-8	11H-Benzo[a]fluoren-11-one	280	JD			20.509	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	420	JD			20.668	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	170	JD			20.709	
	unknown-01	500	JD			20.751	

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBZ8	SDG No.:	BM061324
Lab Sample ID:	P2648-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BM046022.D	2	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000082-05-3	7H-Benz[de]anthracen-7-one	340	JD			20.809	
000613-42-3	4-Benzylbiphenyl	240	JD			21.162	
	unknown-02	170	JD			21.603	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBW1	SDG No.:	BM061324
Lab Sample ID:	P2648-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.3
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
BM046023.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	8.6	87	ug/Kg
100-52-7	Benzaldehyde	98	U	98	110	430	ug/Kg
110-86-1	Pyridine	56	U	56	220	430	ug/Kg
108-95-2	Phenol	46	U	46	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	110	430	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	55.4	220	ug/Kg
95-48-7	2-Methylphenol	39	U	39	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	110	430	ug/Kg
98-86-2	Acetophenone	50	U	50	110	430	ug/Kg
106-44-5	4-Methylphenol	42	U	42	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	38	U	38	55.4	220	ug/Kg
67-72-1	Hexachloroethane	30	U	30	55.4	220	ug/Kg
98-95-3	Nitrobenzene	47	U	47	55.4	220	ug/Kg
78-59-1	Isophorone	44	U	44	55.4	220	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	55.4	220	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	55.4	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	55.4	220	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	55.4	220	ug/Kg
91-20-3	Naphthalene	44	U	44	55.4	220	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	55.4	430	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	55.4	220	ug/Kg
105-60-2	Caprolactam	160	U	160	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	37	U	37	55.4	220	ug/Kg
90-12-0	1-Methylnaphthalene	53	U	53	55.4	220	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	55.4	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	55.4	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	55.4	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBW1	SDG No.:	BM061324
Lab Sample ID:	P2648-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.3
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
BM046023.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	63	U	63	55.4	220	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	59	55.4	220	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	55.4	220	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	55.4	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	55.4	220	ug/Kg
208-96-8	Acenaphthylene	58	J	56	55.4	220	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	110	430	ug/Kg
83-32-9	Acenaphthene	53	U	53	55.4	220	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	110	430	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	110	430	ug/Kg
132-64-9	Dibenzofuran	60	U	60	55.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	55.4	220	ug/Kg
84-66-2	Diethylphthalate	78	U	78	55.4	220	ug/Kg
86-73-7	Fluorene	59	U	59	55.4	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	55.4	220	ug/Kg
100-01-6	4-Nitroaniline	55	U	55	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	55.4	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	66	U	66	55.4	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59	U	59	55.4	220	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	55.4	220	ug/Kg
1912-24-9	Atrazine	51	U	51	110	430	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	430	ug/Kg
85-01-8	Phenanthrene	740		57	55.4	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	55.4	220	ug/Kg
120-12-7	Anthracene	150	J	56	55.4	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	43	U	43	55.4	220	ug/Kg
86-74-8	Carbazole	59	U	59	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	55	55.4	220	ug/Kg
206-44-0	Fluoranthene	1100		57	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBW1	SDG No.:	BM061324
Lab Sample ID:	P2648-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.3
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
BM046023.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	780		57	55.4	220	ug/Kg
85-68-7	Butylbenzylphthalate	42	U	42	55.4	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	640		51	55.4	220	ug/Kg
218-01-9	Chrysene	680		59	55.4	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	J	57	55.4	220	ug/Kg
117-84-0	Di-n-octyl phthalate	44	U	44	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	870		55	55.4	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	290		59	55.4	220	ug/Kg
50-32-8	Benzo(a)pyrene	350		55	55.4	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	310		48	55.4	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	48	55.4	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	J	46	55.4	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	55.4	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.85		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	9.339		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.241		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.457		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	7.574		10-140		19	SPK: -40
4165-60-0	Nitrobenzene-d5	15.821		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.301		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.613		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.352		1-145		3	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.441		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	16.682		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.671	*	10-150		4	SPK: -40
81103-79-9	Fluorene-d10	16.886		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBW1	SDG No.:	BM061324
Lab Sample ID:	P2648-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.3
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
BM046023.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.316		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	16.52		10-150		41	SPK: -40
1718-52-1	Pyrene-d10	13.173		10-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.537		10-140		29	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116473	7.434				
1146-65-2	Naphthalene-d8	465558	10.198				
15067-26-2	Acenaphthene-d10	282003	14.08				
1517-22-2	Phenanthrene-d10	567711	16.827				
1719-03-5	Chrysene-d12	535886	21.045				
1520-96-3	Perylene-d12	626393	23.75				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	250	J			3.528	
	unknown-02	100	J			4.622	
002531-84-2	Phenanthrene, 2-methyl-	130	J			17.704	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	500	J			17.751	
000203-64-5	4H-Cyclopenta[def]phenanthrene	250	J			17.892	
000832-69-9	Phenanthrene, 1-methyl-	120	J			17.933	
000084-65-1	9,10-Anthracenedione	90	J			18.251	
003674-66-6	Phenanthrene, 2,5-dimethyl-	120	J			18.627	
005737-13-3	Cyclopenta(def)phenanthrenone	120	J			18.768	
000053-19-0	Mitotane	130	J			19.892	
004329-12-8	m,p-DDD	170	J			20.327	
027208-37-3	Cyclopenta[cd]pyrene	110	J			20.75	
E966796	Total Alkanes	63	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBW2	SDG No.:	BM061324
Lab Sample ID:	P2648-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046024.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8	80	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
100-52-7	Benzaldehyde	90	U	90	99.4	400	ug/Kg
108-95-2	Phenol	42	U	42	99.4	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.4	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.2	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.4	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	99.4	400	ug/Kg
98-86-2	Acetophenone	57	J	46	99.4	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	99.4	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.2	200	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.2	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	51.2	200	ug/Kg
78-59-1	Isophorone	41	U	41	51.2	200	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.2	200	ug/Kg
91-20-3	Naphthalene	68	J	41	51.2	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.2	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.2	200	ug/Kg
105-60-2	Caprolactam	140	U	140	99.4	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	51.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	99.4	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBW2	SDG No.:	BM061324
Lab Sample ID:	P2648-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046024.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.2	200	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.2	200	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.2	200	ug/Kg
208-96-8	Acenaphthylene	110	J	52	51.2	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.4	400	ug/Kg
83-32-9	Acenaphthene	63	J	49	51.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	99.4	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	99.4	400	ug/Kg
132-64-9	Dibenzofuran	55	U	55	51.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.2	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	51.2	200	ug/Kg
86-73-7	Fluorene	58	J	54	51.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.2	200	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	99.4	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.4	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	51.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51.2	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.2	200	ug/Kg
1912-24-9	Atrazine	47	U	47	99.4	400	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	99.4	400	ug/Kg
85-01-8	Phenanthrene	830		53	51.2	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	51.2	200	ug/Kg
120-12-7	Anthracene	170	J	52	51.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.2	200	ug/Kg
86-74-8	Carbazole	99	J	54	99.4	400	ug/Kg
84-74-2	Di-n-butylphthalate	65	J	51	51.2	200	ug/Kg
206-44-0	Fluoranthene	1400		53	99.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBW2	SDG No.:	BM061324
Lab Sample ID:	P2648-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046024.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		53	51.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	120	J	39	51.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.4	400	ug/Kg
56-55-3	Benzo(a)anthracene	700		47	51.2	200	ug/Kg
218-01-9	Chrysene	820		54	51.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	520		53	51.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	99.4	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		51	51.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	340		54	51.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	460		51	51.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	400		45	51.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170	J	45	51.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64	J	42	51.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	51.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.947		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	24.857		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.81		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.012		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	24.286		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	26.603		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.88		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.089		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.137		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.19		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.059		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.984		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	27.656		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBW2	SDG No.:	BM061324
Lab Sample ID:	P2648-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046024.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.859		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	27.916		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	20.905		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.662		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123279	7.434				
1146-65-2	Naphthalene-d8	500153	10.204				
15067-26-2	Acenaphthene-d10	305502	14.08				
1517-22-2	Phenanthrene-d10	605286	16.827				
1719-03-5	Chrysene-d12	581255	21.045				
1520-96-3	Perylene-d12	669591	23.75				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	180	J			3.528	
	unknown-02	110	J			4.622	
000770-35-4	1-Phenoxypropan-2-ol	89	J			11.004	
002531-84-2	Phenanthrene, 2-methyl-	160	J			17.704	
000057-10-3	n-Hexadecanoic acid	740	J			17.756	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	300	J			17.892	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	120	J			17.933	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	95	J			18.209	
000084-65-1	9,10-Anthracenedione	160	J			18.256	
000781-43-1	9,10-Dimethylanthracene	150	J			18.627	
	unknown-03	120	J			18.668	
005737-13-3	Cyclopenta(def)phenanthrenone	150	J			18.774	
000057-11-4	Octadecanoic acid	140	J			19.045	
027208-37-3	Cyclopenta[cd]pyrene	180	J			20.75	
002498-76-2	Benz[a]anthracene, 2-methyl-	100	J			21.733	
	(DEL) Alkane: Straight-Chain24.615	710	J			24.615	
E966796	Total Alkanes	710				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBW2	SDG No.:	BM061324
Lab Sample ID:	P2648-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046024.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

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

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT7	SDG No.:	BM061324
Lab Sample ID:	P2648-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046025.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8	81	ug/Kg
100-52-7	Benzaldehyde	91	U	91	99.8	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	99.8	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.8	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.4	210	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.8	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	99.8	400	ug/Kg
98-86-2	Acetophenone	88	J	46	99.8	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	99.8	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.4	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.4	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	51.4	210	ug/Kg
78-59-1	Isophorone	41	U	41	51.4	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.4	210	ug/Kg
91-20-3	Naphthalene	41	U	41	51.4	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.4	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.4	210	ug/Kg
105-60-2	Caprolactam	150	U	150	99.8	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	51.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96	U	96	99.8	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.4	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT7	SDG No.:	BM061324
Lab Sample ID:	P2648-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046025.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.4	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.4	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.4	210	ug/Kg
208-96-8	Acenaphthylene	100	J	52	51.4	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.8	400	ug/Kg
83-32-9	Acenaphthene	50	U	50	51.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	99.8	400	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	99.8	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	51.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.4	210	ug/Kg
84-66-2	Diethylphthalate	73	U	73	51.4	210	ug/Kg
86-73-7	Fluorene	54	U	54	51.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.4	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	99.8	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.8	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51.4	210	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.4	210	ug/Kg
1912-24-9	Atrazine	47	U	47	99.8	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.8	400	ug/Kg
85-01-8	Phenanthrene	660		53	51.4	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.4	210	ug/Kg
120-12-7	Anthracene	150	J	52	51.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.4	210	ug/Kg
86-74-8	Carbazole	71	J	54	99.8	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.4	210	ug/Kg
206-44-0	Fluoranthene	1200		53	99.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT7	SDG No.:	BM061324
Lab Sample ID:	P2648-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046025.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	910		53	51.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	J	39	51.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.8	400	ug/Kg
56-55-3	Benzo(a)anthracene	600		47	51.4	210	ug/Kg
218-01-9	Chrysene	730		54	51.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	360		53	51.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	99.8	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	850		51	51.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	340		54	51.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	410		51	51.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	360		45	51.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	45	51.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	J	42	51.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	51.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.702		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	1.823	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	23.362		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.564		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.268		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	24.125		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	24.648		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.168		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.899		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.814		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.739		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	25.605		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.991		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	26.067		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT7	SDG No.:	BM061324
Lab Sample ID:	P2648-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046025.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.134		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	25.979		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	20.144		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.818		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120257	7.434				
1146-65-2	Naphthalene-d8	496450	10.204				
15067-26-2	Acenaphthene-d10	300203	14.08				
1517-22-2	Phenanthrene-d10	600423	16.827				
1719-03-5	Chrysene-d12	567752	21.045				
1520-96-3	Perylene-d12	657312	23.75				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	98	J			4.628	
002531-84-2	Phenanthrene, 2-methyl-	120	J			17.698	
000057-10-3	n-Hexadecanoic acid	640	J			17.756	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	260	J			17.892	
000779-02-2	Anthracene, 9-methyl-	110	J			17.933	
000084-65-1	9,10-Anthracenedione	130	J			18.256	
003674-66-6	Phenanthrene, 2,5-dimethyl-	130	J			18.627	
001576-67-6	Phenanthrene, 3,6-dimethyl-	110	J			18.674	
005737-13-3	Cyclopenta(def)phenanthrenone	140	J			18.774	
000057-11-4	Octadecanoic acid	130	J			19.045	
027208-37-3	Cyclopenta[cd]pyrene	160	J			20.75	
	(DEL) Alkane: Straight-Chain	21.733	J			21.733	
	(DEL) Alkane: Straight-Chain	24.615	J			24.615	
E966796	Total Alkanes	750				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT8	SDG No.:	BM061324
Lab Sample ID:	P2648-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BM046026.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.7	77	ug/Kg
100-52-7	Benzaldehyde	87	U	87	95.8	380	ug/Kg
110-86-1	Pyridine	50	U	50	190	380	ug/Kg
108-95-2	Phenol	41	U	41	95.8	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	95.8	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.4	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	95.8	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	95.8	380	ug/Kg
98-86-2	Acetophenone	61	J	44	95.8	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	95.8	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.4	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.4	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.4	200	ug/Kg
78-59-1	Isophorone	39	U	39	49.4	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	49.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49.4	200	ug/Kg
91-20-3	Naphthalene	39	U	39	49.4	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	49.4	200	ug/Kg
105-60-2	Caprolactam	140	U	140	95.8	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	49.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	49.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	92	U	92	95.8	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT8	SDG No.:	BM061324
Lab Sample ID:	P2648-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BM046026.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	49.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.4	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.4	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	49.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	49.4	200	ug/Kg
208-96-8	Acenaphthylene	93	J	50	49.4	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	95.8	380	ug/Kg
83-32-9	Acenaphthene	48	U	48	49.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	95.8	380	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	95.8	380	ug/Kg
132-64-9	Dibenzofuran	53	U	53	49.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	49.4	200	ug/Kg
84-66-2	Diethylphthalate	70	U	70	49.4	200	ug/Kg
86-73-7	Fluorene	52	U	52	49.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.4	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	95.8	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	95.8	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	49.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	49.4	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.4	200	ug/Kg
1912-24-9	Atrazine	45	U	45	95.8	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.8	380	ug/Kg
85-01-8	Phenanthrene	710		51	49.4	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	49.4	200	ug/Kg
120-12-7	Anthracene	150	J	50	49.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	49.4	200	ug/Kg
86-74-8	Carbazole	74	J	52	95.8	380	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.4	200	ug/Kg
206-44-0	Fluoranthene	1100		51	95.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT8	SDG No.:	BM061324
Lab Sample ID:	P2648-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BM046026.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	880		51	49.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	60	J	37	49.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	95.8	380	ug/Kg
56-55-3	Benzo(a)anthracene	570		45	49.4	200	ug/Kg
218-01-9	Chrysene	700		52	49.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210		51	49.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	95.8	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	770		49	49.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	300		52	49.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	370		49	49.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	310		43	49.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	43	49.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	J	41	49.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.251		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	22.77		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.574		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.86		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	23.035		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	25.27		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.504		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.067		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.124		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.365		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.953		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.848		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	26.082		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBT8	SDG No.:	BM061324
Lab Sample ID:	P2648-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046026.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.218		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	27.119		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	21.381		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.533		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117507	7.434				
1146-65-2	Naphthalene-d8	484682	10.198				
15067-26-2	Acenaphthene-d10	295415	14.08				
1517-22-2	Phenanthrene-d10	590858	16.827				
1719-03-5	Chrysene-d12	557341	21.045				
1520-96-3	Perylene-d12	640879	23.75				
TENTATIVE IDENTIFIED COMPOUNDS							
000079-39-0	Methacrylamide	94	J			3.528	
	unknown-01	98	J			4.628	
000832-64-4	Phenanthrene, 4-methyl-	140	J			17.704	
000057-10-3	n-Hexadecanoic acid	740	J			17.756	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	230	J			17.892	
000610-48-0	Anthracene, 1-methyl-	110	J			17.933	
000612-94-2	Naphthalene, 2-phenyl-	88	J			18.209	
000084-65-1	9,10-Anthracenedione	130	J			18.256	
003674-66-6	Phenanthrene, 2,5-dimethyl-	130	J			18.627	
	unknown-02	140	J			18.668	
005737-13-3	Cyclopenta(def)phenanthrenone	150	J			18.774	
000057-11-4	Octadecanoic acid	160	J			19.045	
	(DEL) Alkane: Straight-Chain20.750	220	J			20.75	
003351-28-8	Chrysene, 1-methyl-	110	J			21.733	
	(DEL) Alkane: Straight-Chain22.309	120	J			22.309	
E966796	Total Alkanes	340				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC44	SDG No.:	BM061324
Lab Sample ID:	P2648-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046027.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.3	83	ug/Kg
100-52-7	Benzaldehyde	94	U	94	100	410	ug/Kg
110-86-1	Pyridine	54	U	54	210	410	ug/Kg
108-95-2	Phenol	44	U	44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.1	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	410	ug/Kg
98-86-2	Acetophenone	48	U	48	100	410	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	53.1	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.1	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	53.1	210	ug/Kg
78-59-1	Isophorone	43	U	43	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.1	210	ug/Kg
91-20-3	Naphthalene	55	J	43	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	53.1	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	53.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC44	SDG No.:	BM061324
Lab Sample ID:	P2648-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046027.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	53.1	210	ug/Kg
208-96-8	Acenaphthylene	210		54	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	81	J	51	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	100	410	ug/Kg
132-64-9	Dibenzofuran	58	U	58	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.1	210	ug/Kg
84-66-2	Diethylphthalate	75	U	75	53.1	210	ug/Kg
86-73-7	Fluorene	88	J	56	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	53.1	210	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.1	210	ug/Kg
1912-24-9	Atrazine	49	U	49	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	1400		55	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	53.1	210	ug/Kg
120-12-7	Anthracene	330		54	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	53.1	210	ug/Kg
86-74-8	Carbazole	150	J	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	120	J	53	53.1	210	ug/Kg
206-44-0	Fluoranthene	2500		55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC44	SDG No.:	BM061324
Lab Sample ID:	P2648-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046027.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1900		55	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	220		40	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1300		49	53.1	210	ug/Kg
218-01-9	Chrysene	1400		56	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	620		55	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		53	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	610		56	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	820		53	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	710		46	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	300		46	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	44	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.987		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	3.808	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	26.048		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.522		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.386		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	25.847		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	28.213		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.134		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.273		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.069		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.438		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	28.796		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.866		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	28.134		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC44	SDG No.:	BM061324
Lab Sample ID:	P2648-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046027.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.954		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	28.839		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	22.481		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.412		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129571	7.434				
1146-65-2	Naphthalene-d8	519339	10.198				
15067-26-2	Acenaphthene-d10	313279	14.08				
1517-22-2	Phenanthrene-d10	625366	16.827				
1719-03-5	Chrysene-d12	589790	21.044				
1520-96-3	Perylene-d12	675999	23.75				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	120	J			4.622	
002235-15-6	1(2H)-Acenaphthylenone	95	J			15.821	
000486-25-9	9H-Fluoren-9-one	110	J			16.492	
000234-41-3	Naphtho[1,2-b]thiophene	110	J			16.645	
002531-84-2	Phenanthrene, 2-methyl-	260	J			17.698	
000613-12-7	Anthracene, 2-methyl-	880	J			17.756	
000203-64-5	4H-Cyclopenta[def]phenanthrene	490	J			17.892	
000610-48-0	Anthracene, 1-methyl-	190	J			17.933	
000612-94-2	Naphthalene, 2-phenyl-	130	J			18.209	
000084-65-1	9,10-Anthracenedione	240	J			18.25	
001576-67-6	Phenanthrene, 3,6-dimethyl-	85	J			18.503	
003674-66-6	Phenanthrene, 2,5-dimethyl-	250	J			18.627	
002789-88-0	di-p-Tolylacetylene	210	J			18.674	
005737-13-3	Cyclopenta(def)phenanthrenone	260	J			18.774	
000057-11-4	Octadecanoic acid	100	J			19.045	
002381-21-7	Pyrene, 1-methyl-	120	J			19.586	
000243-17-4	11H-Benzo[b]fluorene	100	J			19.756	

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC44	SDG No.:	BM061324
Lab Sample ID:	P2648-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046027.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
003442-78-2	Pyrene, 2-methyl-	95	J			19.915	
000479-79-8	11H-Benzo[a]fluoren-11-one	97	J			20.509	
027208-37-3	Cyclopenta[cd]pyrene	200	J			20.75	
000082-05-3	7H-Benz[de]anthracen-7-one	100	J			20.809	
003697-24-3	Chrysene, 5-methyl-	110	J			21.738	
	(DEL) Alkane: Straight-Chain22.309	85	J			22.309	
000192-97-2	Benzo[e]pyrene	340	J			23.503	
	(DEL) Alkane: Straight-Chain24.615	650	J			24.615	
E966796	Total Alkanes	740				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC51	SDG No.:	BM061324
Lab Sample ID:	P2648-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046028.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.1	82	ug/Kg
100-52-7	Benzaldehyde	92	U	92	100	400	ug/Kg
110-86-1	Pyridine	53	U	53	200	400	ug/Kg
108-95-2	Phenol	43	U	43	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	52.1	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	100	400	ug/Kg
98-86-2	Acetophenone	58	J	47	100	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	52.1	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	52.1	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	52.1	210	ug/Kg
78-59-1	Isophorone	42	U	42	52.1	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	52.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	52.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	52.1	210	ug/Kg
91-20-3	Naphthalene	42	U	42	52.1	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	52.1	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52.1	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	52.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	52.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	52.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	52.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	52.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC51	SDG No.:	BM061324
Lab Sample ID:	P2648-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046028.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	52.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52.1	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.1	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	52.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.1	210	ug/Kg
208-96-8	Acenaphthylene	170	J	53	52.1	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	400	ug/Kg
83-32-9	Acenaphthene	69	J	50	52.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	400	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	100	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	52.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	52.1	210	ug/Kg
84-66-2	Diethylphthalate	74	U	74	52.1	210	ug/Kg
86-73-7	Fluorene	75	J	55	52.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52.1	210	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	52.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	52.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	52.1	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52.1	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	1200		54	52.1	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	52.1	210	ug/Kg
120-12-7	Anthracene	260		53	52.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	52.1	210	ug/Kg
86-74-8	Carbazole	120	J	55	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	52.1	210	ug/Kg
206-44-0	Fluoranthene	2000		54	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC51	SDG No.:	BM061324
Lab Sample ID:	P2648-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046028.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		54	52.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	140	J	39	52.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	980		48	52.1	210	ug/Kg
218-01-9	Chrysene	1200		55	52.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	420		54	52.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		52	52.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	450		55	52.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	690		52	52.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	580		45	52.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240		45	52.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	89	J	43	52.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.977		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	2.42	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	19.488		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.115		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.775		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	19.094		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	21.112		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.977		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.304		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.831		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.073		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	23.219		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.552		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	23.517		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC51	SDG No.:	BM061324
Lab Sample ID:	P2648-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046028.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.628		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	24.274		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	18.916		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.884		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131789	7.434				
1146-65-2	Naphthalene-d8	536397	10.198				
15067-26-2	Acenaphthene-d10	323438	14.08				
1517-22-2	Phenanthrene-d10	647829	16.827				
1719-03-5	Chrysene-d12	615356	21.045				
1520-96-3	Perylene-d12	699741	23.75				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	92	J			4.622	
	(DEL) Alkane: Straight-Chain8.663	180	J			8.663	
	unknown-02	83	J			14.492	
000640-61-9	Benzenesulfonamide, N,4-dimethyl-	400	J			15.821	
000132-65-0	Dibenzothiophene	83	J			16.645	
002531-84-2	Phenanthrene, 2-methyl-	220	J			17.698	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	750	J			17.756	
004505-48-0	1H-Indene, 2-phenyl-	160	J			17.827	
000203-64-5	4H-Cyclopenta[def]phenanthrene	400	J			17.892	
004980-70-5	Propyne, 1,3-diphenyl-	180	J			17.933	
093327-56-1	6-Phenylbenzocyclohepten-7-one	140	J			18.209	
000084-65-1	9,10-Anthracenedione	220	J			18.251	
000483-87-4	Phenanthrene, 1,7-dimethyl-	88	J			18.509	
003674-66-6	Phenanthrene, 2,5-dimethyl-	200	J			18.627	
005737-13-3	Cyclopenta(def)phenanthrenone	210	J			18.774	
	unknown-03	100	J			19.039	
002381-21-7	Pyrene, 1-methyl-	100	J			19.586	

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC51	SDG No.:	BM061324
Lab Sample ID:	P2648-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046028.D	1	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000238-84-6	11H-Benzo[a]fluorene	84	J			19.762	
033543-31-6	Fluoranthene, 2-methyl-	84	J			19.915	
000479-79-8	11H-Benzo[a]fluoren-11-one	86	J			20.509	
1000393-15-3	2-Aminopent-4-enoic acid, N-octylo	170	J			20.75	
000082-05-3	7H-Benz[de]anthracen-7-one	91	J			20.809	
003351-32-4	2-Methylchrysene	150	J			21.733	
000112-84-5	13-Docosenamide, (Z)-	92	J			22.309	
000192-97-2	Benzo[e]pyrene	230	J			23.115	
000205-82-3	Benzo[j]fluoranthene	310	J			23.503	
E966796	Total Alkanes	180				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC50DL	SDG No.:	BM061324
Lab Sample ID:	P2648-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046029.D	5	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	74	U	74	37.5	380	ug/Kg
100-52-7	Benzaldehyde	430	U	430	470	1900	ug/Kg
110-86-1	Pyridine	240	U	240	940	1900	ug/Kg
108-95-2	Phenol	200	U	200	470	1900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	190	U	190	470	1900	ug/Kg
95-57-8	2-Chlorophenol	160	U	160	240	970	ug/Kg
95-48-7	2-Methylphenol	170	U	170	470	1900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	470	1900	ug/Kg
98-86-2	Acetophenone	220	U	220	470	1900	ug/Kg
106-44-5	4-Methylphenol	180	U	180	470	1900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	160	U	160	240	970	ug/Kg
67-72-1	Hexachloroethane	130	U	130	240	970	ug/Kg
98-95-3	Nitrobenzene	200	U	200	240	970	ug/Kg
78-59-1	Isophorone	190	U	190	240	970	ug/Kg
88-75-5	2-Nitrophenol	180	U	180	240	970	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	240	970	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	220	U	220	240	970	ug/Kg
120-83-2	2,4-Dichlorophenol	220	U	220	240	970	ug/Kg
91-20-3	Naphthalene	190	U	190	240	970	ug/Kg
106-47-8	4-Chloroaniline	240	U	240	240	1900	ug/Kg
87-68-3	Hexachlorobutadiene	190	U	190	240	970	ug/Kg
105-60-2	Caprolactam	680	U	680	470	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	240	970	ug/Kg
90-12-0	1-Methylnaphthalene	230	U	230	240	970	ug/Kg
91-57-6	2-Methylnaphthalene	210	U	210	240	970	ug/Kg
77-47-4	Hexachlorocyclopentadiene	450	U	450	470	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	240	970	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	240	970	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC50DL	SDG No.:	BM061324
Lab Sample ID:	P2648-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046029.D	5	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	270	U	270	240	970	ug/Kg
91-58-7	2-Chloronaphthalene	260	U	260	240	970	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	240	970	ug/Kg
131-11-3	Dimethylphthalate	240	U	240	240	970	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	240	970	ug/Kg
208-96-8	Acenaphthylene	750	JD	240	240	970	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	470	1900	ug/Kg
83-32-9	Acenaphthene	230	U	230	240	970	ug/Kg
51-28-5	2,4-Dinitrophenol	680	U	680	470	1900	ug/Kg
100-02-7	4-Nitrophenol	230	U	230	470	1900	ug/Kg
132-64-9	Dibenzofuran	260	U	260	240	970	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	240	970	ug/Kg
84-66-2	Diethylphthalate	340	U	340	240	970	ug/Kg
86-73-7	Fluorene	260	U	260	240	970	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270	U	270	240	970	ug/Kg
100-01-6	4-Nitroaniline	240	U	240	470	1900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	470	1900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	240	U	240	240	970	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	240	970	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	240	970	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	240	970	ug/Kg
1912-24-9	Atrazine	220	U	220	470	1900	ug/Kg
87-86-5	Pentachlorophenol	490	U	490	470	1900	ug/Kg
85-01-8	Phenanthrene	3700	D	250	240	970	ug/Kg
608-93-5	Pentachlorobenzene	290	U	290	240	970	ug/Kg
120-12-7	Anthracene	850	JD	240	240	970	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	190	U	190	240	970	ug/Kg
86-74-8	Carbazole	330	JD	260	470	1900	ug/Kg
84-74-2	Di-n-butylphthalate	240	U	240	240	970	ug/Kg
206-44-0	Fluoranthene	6000	D	250	470	970	ug/Kg

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC50DL	SDG No.:	BM061324
Lab Sample ID:	P2648-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046029.D	5	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4500	D	250	240	970	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	240	970	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	470	1900	ug/Kg
56-55-3	Benzo(a)anthracene	2900	D	220	240	970	ug/Kg
218-01-9	Chrysene	3300	D	260	240	970	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	380	JD	250	240	970	ug/Kg
117-84-0	Di-n-octyl phthalate	190	U	190	470	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	4200	D	240	240	970	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300	D	260	240	970	ug/Kg
50-32-8	Benzo(a)pyrene	2000	D	240	240	970	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700	D	210	240	970	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	680	JD	210	240	970	ug/Kg
191-24-2	Benzo(g,h,i)perylene	520	JD	200	240	970	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	210	U	210	240	970	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.475		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	21.36		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.945		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.665		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	20.465		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	23.535		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.7		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.225		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.555		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.36		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.375		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.86		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	26.085		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHC50DL	SDG No.:	BM061324
Lab Sample ID:	P2648-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM046029.D	5	6/3/2024 12:00:00 AM	6/13/2024 12:00:00 AM	PB161272

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.105		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	27.595		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	21.505		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.53		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122909	7.434				
1146-65-2	Naphthalene-d8	506797	10.204				
15067-26-2	Acenaphthene-d10	307610	14.08				
1517-22-2	Phenanthrene-d10	611910	16.827				
1719-03-5	Chrysene-d12	582324	21.044				
1520-96-3	Perylene-d12	686100	23.75				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	1200	JD			14.345	
002531-84-2	Phenanthrene, 2-methyl-	700	JD			17.703	
000832-69-9	Phenanthrene, 1-methyl-	1500	JD			17.75	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	1200	JD			17.892	
000610-48-0	Anthracene, 1-methyl-	540	JD			17.933	
000612-94-2	Naphthalene, 2-phenyl-	380	JD			18.209	
000084-65-1	9,10-Anthracenedione	600	JD			18.256	
000781-43-1	9,10-Dimethylantracene	610	JD			18.627	
001576-67-6	Phenanthrene, 3,6-dimethyl-	480	JD			18.686	
005737-13-3	Cyclopenta(def)phenanthrenone	620	JD			18.774	
002381-21-7	Pyrene, 1-methyl-	470	JD			19.586	
000243-17-4	11H-Benzo[b]fluorene	410	JD			19.756	
027208-37-3	Cyclopenta[cd]pyrene	450	JD			20.75	
000192-97-2	Benzo[e]pyrene	720	JD			23.497	
E966796	Total Alkanes	270	U			99	ug/Kg



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

Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BHBT7								
P2648-01	BHBT7	Solid	(DEL) Alkane: Straight-Chain21.7 *	100.000	J			
P2648-01	BHBT7	Solid	(DEL) Alkane: Straight-Chain24.6 *	650.000	J			
P2648-01	BHBT7	Solid	9,10-Anthracenedione *	130.000	J			
P2648-01	BHBT7	Solid	Anthracene, 9-methyl- *	110.000	J			
P2648-01	BHBT7	Solid	Benzaldehyde, 3,5-dichloro-2-hyd *	260.000	J			
P2648-01	BHBT7	Solid	Cyclopenta(def)phenanthrene *	140.000	J			
P2648-01	BHBT7	Solid	Cyclopenta[cd]pyrene *	160.000	J			
P2648-01	BHBT7	Solid	n-Hexadecanoic acid *	640.000	J			
P2648-01	BHBT7	Solid	Octadecanoic acid *	130.000	J			
P2648-01	BHBT7	Solid	Phenanthrene, 2,5-dimethyl- *	130.000	J			
P2648-01	BHBT7	Solid	Phenanthrene, 2-methyl- *	120.000	J			
P2648-01	BHBT7	Solid	Phenanthrene, 3,6-dimethyl- *	110.000	J			
P2648-01	BHBT7	Solid	unknown-01 *	98.000	J			
P2648-01	BHBT7	Solid	Total Alkanes *	750.000		58	210	ug/Kg
Total Tics :				3,528.00				
P2648-01	BHBT7	Solid	Acenaphthylene	100.000	J	52	210	ug/Kg
P2648-01	BHBT7	Solid	Acetophenone	88.000	J	46	400	ug/Kg
P2648-01	BHBT7	Solid	Anthracene	150.000	J	52	210	ug/Kg
P2648-01	BHBT7	Solid	Benzo(a)anthracene	600.000		47	210	ug/Kg
P2648-01	BHBT7	Solid	Benzo(a)pyrene	410.000		51	210	ug/Kg
P2648-01	BHBT7	Solid	Benzo(b)fluoranthene	850.000		51	210	ug/Kg
P2648-01	BHBT7	Solid	Benzo(g,h,i)perylene	60.000	J	42	210	ug/Kg
P2648-01	BHBT7	Solid	Benzo(k)fluoranthene	340.000		54	210	ug/Kg
P2648-01	BHBT7	Solid	Bis(2-ethylhexyl)phthalate	360.000		53	210	ug/Kg
P2648-01	BHBT7	Solid	Butylbenzylphthalate	120.000	J	39	210	ug/Kg
P2648-01	BHBT7	Solid	Carbazole	71.000	J	54	400	ug/Kg
P2648-01	BHBT7	Solid	Chrysene	730.000		54	210	ug/Kg
P2648-01	BHBT7	Solid	Dibenzo(a,h)anthracene	140.000	J	45	210	ug/Kg
P2648-01	BHBT7	Solid	Fluoranthene	1,200.000		53	210	ug/Kg
P2648-01	BHBT7	Solid	Indeno(1,2,3-cd)pyrene	360.000		45	210	ug/Kg
P2648-01	BHBT7	Solid	Phenanthrene	660.000		53	210	ug/Kg
P2648-01	BHBT7	Solid	Pyrene	910.000		53	210	ug/Kg
Total Svoc :				7,149.00				
Total Concentration:				10,677.00				
Client ID : BHBT8								
P2648-02	BHBT8	Solid	(DEL) Alkane: Straight-Chain20.7 *	220.000	J			
P2648-02	BHBT8	Solid	(DEL) Alkane: Straight-Chain22.1 *	120.000	J			

Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2648-02	BHBT8	Solid	9,10-Anthracenedione	*	130.000	J		
P2648-02	BHBT8	Solid	Anthracene, 1-methyl-	*	110.000	J		
P2648-02	BHBT8	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	230.000	J		
P2648-02	BHBT8	Solid	Chrysene, 1-methyl-	*	110.000	J		
P2648-02	BHBT8	Solid	Cyclopenta(def)phenanthrenone	*	150.000	J		
P2648-02	BHBT8	Solid	Methacrylamide	*	94.000	J		
P2648-02	BHBT8	Solid	n-Hexadecanoic acid	*	740.000	J		
P2648-02	BHBT8	Solid	Naphthalene, 2-phenyl-	*	88.000	J		
P2648-02	BHBT8	Solid	Octadecanoic acid	*	160.000	J		
P2648-02	BHBT8	Solid	Phenanthrene, 2,5-dimethyl-	*	130.000	J		
P2648-02	BHBT8	Solid	Phenanthrene, 4-methyl-	*	140.000	J		
P2648-02	BHBT8	Solid	unknown-01	*	98.000	J		
P2648-02	BHBT8	Solid	unknown-02	*	140.000	J		
P2648-02	BHBT8	Solid	Total Alkanes	*	340.000	56	200	ug/Kg
Total Tics :					3,000.00			
P2648-02	BHBT8	Solid	Acenaphthylene		93.000	J 50	200	ug/Kg
P2648-02	BHBT8	Solid	Acetophenone		61.000	J 44	380	ug/Kg
P2648-02	BHBT8	Solid	Anthracene		150.000	J 50	200	ug/Kg
P2648-02	BHBT8	Solid	Benzo(a)anthracene		570.000	45	200	ug/Kg
P2648-02	BHBT8	Solid	Benzo(a)pyrene		370.000	49	200	ug/Kg
P2648-02	BHBT8	Solid	Benzo(b)fluoranthene		770.000	49	200	ug/Kg
P2648-02	BHBT8	Solid	Benzo(g,h,i)perylene		56.000	J 41	200	ug/Kg
P2648-02	BHBT8	Solid	Benzo(k)fluoranthene		300.000	52	200	ug/Kg
P2648-02	BHBT8	Solid	Bis(2-ethylhexyl)phthalate		210.000	51	200	ug/Kg
P2648-02	BHBT8	Solid	Butylbenzylphthalate		60.000	J 37	200	ug/Kg
P2648-02	BHBT8	Solid	Carbazole		74.000	J 52	380	ug/Kg
P2648-02	BHBT8	Solid	Chrysene		700.000	52	200	ug/Kg
P2648-02	BHBT8	Solid	Dibenzo(a,h)anthracene		130.000	J 43	200	ug/Kg
P2648-02	BHBT8	Solid	Fluoranthene		1,100.000	51	200	ug/Kg
P2648-02	BHBT8	Solid	Indeno(1,2,3-cd)pyrene		310.000	43	200	ug/Kg
P2648-02	BHBT8	Solid	Phenanthrene		710.000	51	200	ug/Kg
P2648-02	BHBT8	Solid	Pyrene		880.000	51	200	ug/Kg
Total Svoc :					6,544.00			
Total Concentration:					9,544.00			
Client ID : BHBW1								
P2648-07	BHBW1	Solid	1H-Cyclopropa[l]phenanthrene, 1a	*	500.000	J		
P2648-07	BHBW1	Solid	4H-Cyclopenta[def]phenanthrene	*	250.000	J		
P2648-07	BHBW1	Solid	9,10-Anthracenedione	*	90.000	J		
P2648-07	BHBW1	Solid	Cyclopenta(def)phenanthrenone	*	120.000	J		
P2648-07	BHBW1	Solid	Cyclopenta[cd]pyrene	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2648-07	BHBW1	Solid	m,p-DDD	*	170.000	J		
P2648-07	BHBW1	Solid	Mitotane	*	130.000	J		
P2648-07	BHBW1	Solid	Phenanthrene, 1-methyl-	*	120.000	J		
P2648-07	BHBW1	Solid	Phenanthrene, 2,5-dimethyl-	*	120.000	J		
P2648-07	BHBW1	Solid	Phenanthrene, 2-methyl-	*	130.000	J		
P2648-07	BHBW1	Solid	unknown-01	*	250.000	J		
P2648-07	BHBW1	Solid	unknown-02	*	100.000	J		
P2648-07	BHBW1	Solid	Total Alkanes	*	0.000	63	220	ug/Kg
Total Tics :					2,090.00			
P2648-07	BHBW1	Solid	Acenaphthylene		58.000	J 56	220	ug/Kg
P2648-07	BHBW1	Solid	Anthracene		150.000	J 56	220	ug/Kg
P2648-07	BHBW1	Solid	Benzo(a)anthracene		640.000	51	220	ug/Kg
P2648-07	BHBW1	Solid	Benzo(a)pyrene		350.000	55	220	ug/Kg
P2648-07	BHBW1	Solid	Benzo(b)fluoranthene		870.000	55	220	ug/Kg
P2648-07	BHBW1	Solid	Benzo(g,h,i)perylene		56.000	J 46	220	ug/Kg
P2648-07	BHBW1	Solid	Benzo(k)fluoranthene		290.000	59	220	ug/Kg
P2648-07	BHBW1	Solid	Bis(2-ethylhexyl)phthalate		160.000	J 57	220	ug/Kg
P2648-07	BHBW1	Solid	Chrysene		680.000	59	220	ug/Kg
P2648-07	BHBW1	Solid	Dibenzo(a,h)anthracene		140.000	J 48	220	ug/Kg
P2648-07	BHBW1	Solid	Fluoranthene		1,100.000	57	220	ug/Kg
P2648-07	BHBW1	Solid	Indeno(1,2,3-cd)pyrene		310.000	48	220	ug/Kg
P2648-07	BHBW1	Solid	Phenanthrene		740.000	57	220	ug/Kg
P2648-07	BHBW1	Solid	Pyrene		780.000	57	220	ug/Kg
Total Svoc :					6,324.00			
Total Concentration:					8,414.00			

Client ID : BHBW2

P2648-08	BHBW2	Solid	(DEL) Alkane: Straight-Chain24.(	*	710.000	J		
P2648-08	BHBW2	Solid	1-Phenoxypropan-2-ol	*	89.000	J		
P2648-08	BHBW2	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	120.000	J		
P2648-08	BHBW2	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	95.000	J		
P2648-08	BHBW2	Solid	9,10-Anthracenedione	*	160.000	J		
P2648-08	BHBW2	Solid	9,10-Dimethylanthracene	*	150.000	J		
P2648-08	BHBW2	Solid	Benz[a]anthracene, 2-methyl-	*	100.000	J		
P2648-08	BHBW2	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	300.000	J		
P2648-08	BHBW2	Solid	Cyclopenta(def)phenanthrenone	*	150.000	J		
P2648-08	BHBW2	Solid	Cyclopenta[cd]pyrene	*	180.000	J		
P2648-08	BHBW2	Solid	n-Hexadecanoic acid	*	740.000	J		
P2648-08	BHBW2	Solid	Octadecanoic acid	*	140.000	J		
P2648-08	BHBW2	Solid	Phenanthrene, 2-methyl-	*	160.000	J		
P2648-08	BHBW2	Solid	unknown-01	*	180.000	J		

Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2648-08	BHBW2	Solid	unknown-02	*	110.000	J		
P2648-08	BHBW2	Solid	unknown-03	*	120.000	J		
P2648-08	BHBW2	Solid	Total Alkanes	*	710.000	58	200	ug/Kg
Total Tics :				4,214.00				
P2648-08	BHBW2	Solid	Acenaphthene		63.000	J 49	200	ug/Kg
P2648-08	BHBW2	Solid	Acenaphthylene		110.000	J 52	200	ug/Kg
P2648-08	BHBW2	Solid	Acetophenone		57.000	J 46	400	ug/Kg
P2648-08	BHBW2	Solid	Anthracene		170.000	J 52	200	ug/Kg
P2648-08	BHBW2	Solid	Benzo(a)anthracene		700.000	47	200	ug/Kg
P2648-08	BHBW2	Solid	Benzo(a)pyrene		460.000	51	200	ug/Kg
P2648-08	BHBW2	Solid	Benzo(b)fluoranthene		1,000.000	51	200	ug/Kg
P2648-08	BHBW2	Solid	Benzo(g,h,i)perylene		64.000	J 42	200	ug/Kg
P2648-08	BHBW2	Solid	Benzo(k)fluoranthene		340.000	54	200	ug/Kg
P2648-08	BHBW2	Solid	Bis(2-ethylhexyl)phthalate		520.000	53	200	ug/Kg
P2648-08	BHBW2	Solid	Butylbenzylphthalate		120.000	J 39	200	ug/Kg
P2648-08	BHBW2	Solid	Carbazole		99.000	J 54	400	ug/Kg
P2648-08	BHBW2	Solid	Chrysene		820.000	54	200	ug/Kg
P2648-08	BHBW2	Solid	Di-n-butylphthalate		65.000	J 51	200	ug/Kg
P2648-08	BHBW2	Solid	Dibenzo(a,h)anthracene		170.000	J 45	200	ug/Kg
P2648-08	BHBW2	Solid	Fluoranthene		1,400.000	53	200	ug/Kg
P2648-08	BHBW2	Solid	Fluorene		58.000	J 54	200	ug/Kg
P2648-08	BHBW2	Solid	Indeno(1,2,3-cd)pyrene		400.000	45	200	ug/Kg
P2648-08	BHBW2	Solid	Naphthalene		68.000	J 41	200	ug/Kg
P2648-08	BHBW2	Solid	Phenanthrene		830.000	53	200	ug/Kg
P2648-08	BHBW2	Solid	Pyrene		1,000.000	53	200	ug/Kg
Total Svoc :				8,514.00				
Total Concentration:				12,728.00				
Client ID : BHBZ8								
P2648-09	BHBZ8	Solid	n-Hexadecanoic acid	*	4,900.000	JD		
P2648-09	BHBZ8	Solid	Octadecanoic acid	*	1,700.000	JD		
P2648-09	BHBZ8	Solid	Total Alkanes	*	0.000	D 1200	4200	ug/Kg
P2648-09	BHBZ8	Solid	11H-Benzo[a]fluoren-11-one	*	280.000	JD		
P2648-09	BHBZ8	Solid	1H-Cyclopropa[l]phenanthrene,1a	*	1,700.000	JD		
P2648-09	BHBZ8	Solid	4-Benzylbiphenyl	*	240.000	JD		
P2648-09	BHBZ8	Solid	4H-Cyclopenta[def]phenanthrene	*	680.000	JD		
P2648-09	BHBZ8	Solid	7H-Benz[de]anthracen-7-one	*	340.000	JD		
P2648-09	BHBZ8	Solid	9,10-Anthracenedione	*	430.000	JD		
P2648-09	BHBZ8	Solid	9,10-Dimethylanthracene	*	360.000	JD		
P2648-09	BHBZ8	Solid	9H-Fluoren-9-one	*	280.000	JD		
P2648-09	BHBZ8	Solid	Anthracene, 9-methyl-	*	340.000	JD		

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SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2648-09	BHBZ8	Solid	Benzo[b]naphtho[2,1-d]thiophene *	420.000	JD			
P2648-09	BHBZ8	Solid	Cyclopenta(cd)pyrene, 3,4-dihydr *	170.000	JD			
P2648-09	BHBZ8	Solid	Cyclopenta(def)phenanthrenone *	490.000	JD			
P2648-09	BHBZ8	Solid	m,p-DDD *	290.000	JD			
P2648-09	BHBZ8	Solid	Octadecanoic acid *	250.000	JD			
P2648-09	BHBZ8	Solid	Phenanthrene, 2-methyl- *	400.000	JD			
P2648-09	BHBZ8	Solid	Phenanthrene, 4,5-dimethyl- *	180.000	JD			
P2648-09	BHBZ8	Solid	Pyrene, 1-methyl- *	210.000	JD			
P2648-09	BHBZ8	Solid	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4 *	270.000	JD			
P2648-09	BHBZ8	Solid	unknown-01 *	500.000	JD			
P2648-09	BHBZ8	Solid	unknown-02 *	170.000	JD			
P2648-09	BHBZ8	Solid	Total Alkanes *	0.000	D	120	420	ug/Kg
Total Tics :				14,600.00				
P2648-09	BHBZ8	Solid	Benzo(a)anthracene	2,900.000	JD	950	4200	ug/Kg
P2648-09	BHBZ8	Solid	Benzo(a)pyrene	1,700.000	JD	1000	4200	ug/Kg
P2648-09	BHBZ8	Solid	Benzo(b)fluoranthene	4,500.000	D	1000	4200	ug/Kg
P2648-09	BHBZ8	Solid	Benzo(k)fluoranthene	1,400.000	JD	1100	4200	ug/Kg
P2648-09	BHBZ8	Solid	Bis(2-ethylhexyl)phthalate	1,400.000	JD	1100	4200	ug/Kg
P2648-09	BHBZ8	Solid	Chrysene	3,400.000	JD	1100	4200	ug/Kg
P2648-09	BHBZ8	Solid	Fluoranthene	4,100.000	JD	1100	4200	ug/Kg
P2648-09	BHBZ8	Solid	Indeno(1,2,3-cd)pyrene	1,800.000	JD	910	4200	ug/Kg
P2648-09	BHBZ8	Solid	Phenanthrene	2,900.000	JD	1100	4200	ug/Kg
P2648-09	BHBZ8	Solid	Pyrene	2,900.000	JD	1100	4200	ug/Kg
P2648-09	BHBZ8	Solid	1-Methylnaphthalene	130.000	JD	100	420	ug/Kg
P2648-09	BHBZ8	Solid	2-Methylnaphthalene	140.000	JD	91	420	ug/Kg
P2648-09	BHBZ8	Solid	Acenaphthene	130.000	JD	100	420	ug/Kg
P2648-09	BHBZ8	Solid	Acenaphthylene	260.000	JD	110	420	ug/Kg
P2648-09	BHBZ8	Solid	Anthracene	900.000	D	110	420	ug/Kg
P2648-09	BHBZ8	Solid	Benzo(a)anthracene	2,700.000	D	95	420	ug/Kg
P2648-09	BHBZ8	Solid	Benzo(a)pyrene	1,700.000	D	100	420	ug/Kg
P2648-09	BHBZ8	Solid	Benzo(b)fluoranthene	4,200.000	D	100	420	ug/Kg
P2648-09	BHBZ8	Solid	Benzo(g,h,i)perylene	340.000	JD	86	420	ug/Kg
P2648-09	BHBZ8	Solid	Benzo(k)fluoranthene	1,500.000	D	110	420	ug/Kg
P2648-09	BHBZ8	Solid	Bis(2-ethylhexyl)phthalate	1,500.000	D	110	420	ug/Kg
P2648-09	BHBZ8	Solid	Butylbenzylphthalate	110.000	JD	78	420	ug/Kg
P2648-09	BHBZ8	Solid	Carbazole	420.000	JD	110	810	ug/Kg
P2648-09	BHBZ8	Solid	Chrysene	3,100.000	D	110	420	ug/Kg
P2648-09	BHBZ8	Solid	Di-n-butylphthalate	420.000	D	100	420	ug/Kg
P2648-09	BHBZ8	Solid	Dibenzo(a,h)anthracene	680.000	D	91	420	ug/Kg
P2648-09	BHBZ8	Solid	Dibenzofuran	180.000	JD	110	420	ug/Kg

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SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2648-09	BHBZ8	Solid	Fluoranthene	4,200.000	D	110	420	ug/Kg
P2648-09	BHBZ8	Solid	Fluorene	200.000	JD	110	420	ug/Kg
P2648-09	BHBZ8	Solid	Indeno(1,2,3-cd)pyrene	1,600.000	D	91	420	ug/Kg
P2648-09	BHBZ8	Solid	Naphthalene	220.000	JD	83	420	ug/Kg
P2648-09	BHBZ8	Solid	Phenanthrene	2,800.000	D	110	420	ug/Kg
P2648-09	BHBZ8	Solid	Pyrene	3,000.000	D	110	420	ug/Kg
Total Svoc :				57,430.00				
Total Concentration:				72,030.00				
Client ID : BHC44								
P2648-13	BHC44	Solid	(DEL) Alkane: Straight-Chain22.1 *	85.000	J			
P2648-13	BHC44	Solid	(DEL) Alkane: Straight-Chain24.6 *	650.000	J			
P2648-13	BHC44	Solid	1(2H)-Acenaphthylene	95.000	J			
P2648-13	BHC44	Solid	11H-Benzo[a]fluoren-11-one	97.000	J			
P2648-13	BHC44	Solid	11H-Benzo[b]fluorene	100.000	J			
P2648-13	BHC44	Solid	4H-Cyclopenta[def]phenanthrene	490.000	J			
P2648-13	BHC44	Solid	7H-Benz[de]anthracen-7-one	100.000	J			
P2648-13	BHC44	Solid	9,10-Anthracenedione	240.000	J			
P2648-13	BHC44	Solid	9H-Fluoren-9-one	110.000	J			
P2648-13	BHC44	Solid	Anthracene, 1-methyl-	190.000	J			
P2648-13	BHC44	Solid	Anthracene, 2-methyl-	880.000	J			
P2648-13	BHC44	Solid	Benzo[e]pyrene	340.000	J			
P2648-13	BHC44	Solid	Chrysene, 5-methyl-	110.000	J			
P2648-13	BHC44	Solid	Cyclopenta(def)phenanthrenone	260.000	J			
P2648-13	BHC44	Solid	Cyclopenta[cd]pyrene	200.000	J			
P2648-13	BHC44	Solid	di-p-Tolylacetylene	210.000	J			
P2648-13	BHC44	Solid	Naphthalene, 2-phenyl-	130.000	J			
P2648-13	BHC44	Solid	Naphtho[1,2-b]thiophene	110.000	J			
P2648-13	BHC44	Solid	Octadecanoic acid	100.000	J			
P2648-13	BHC44	Solid	Phenanthrene, 2,5-dimethyl-	250.000	J			
P2648-13	BHC44	Solid	Phenanthrene, 2-methyl-	260.000	J			
P2648-13	BHC44	Solid	Phenanthrene, 3,6-dimethyl-	85.000	J			
P2648-13	BHC44	Solid	Pyrene, 1-methyl-	120.000	J			
P2648-13	BHC44	Solid	Pyrene, 2-methyl-	95.000	J			
P2648-13	BHC44	Solid	unknown-01	120.000	J			
P2648-13	BHC44	Solid	Total Alkanes	740.000		60	210	ug/Kg
Total Tics :				6,167.00				
P2648-13	BHC44	Solid	Acenaphthene	81.000	J	51	210	ug/Kg
P2648-13	BHC44	Solid	Acenaphthylene	210.000		54	210	ug/Kg
P2648-13	BHC44	Solid	Anthracene	330.000		54	210	ug/Kg
P2648-13	BHC44	Solid	Benzo(a)anthracene	1,300.000		49	210	ug/Kg

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SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2648-13	BHC44	Solid	Benzo(a)pyrene	820.000		53	210	ug/Kg
P2648-13	BHC44	Solid	Benzo(b)fluoranthene	1,800.000		53	210	ug/Kg
P2648-13	BHC44	Solid	Benzo(g,h,i)perylene	130.000	J	44	210	ug/Kg
P2648-13	BHC44	Solid	Benzo(k)fluoranthene	610.000		56	210	ug/Kg
P2648-13	BHC44	Solid	Bis(2-ethylhexyl)phthalate	620.000		55	210	ug/Kg
P2648-13	BHC44	Solid	Butylbenzylphthalate	220.000		40	210	ug/Kg
P2648-13	BHC44	Solid	Carbazole	150.000	J	56	410	ug/Kg
P2648-13	BHC44	Solid	Chrysene	1,400.000		56	210	ug/Kg
P2648-13	BHC44	Solid	Di-n-butylphthalate	120.000	J	53	210	ug/Kg
P2648-13	BHC44	Solid	Dibenzo(a,h)anthracene	300.000		46	210	ug/Kg
P2648-13	BHC44	Solid	Fluoranthene	2,500.000		55	210	ug/Kg
P2648-13	BHC44	Solid	Fluorene	88.000	J	56	210	ug/Kg
P2648-13	BHC44	Solid	Indeno(1,2,3-cd)pyrene	710.000		46	210	ug/Kg
P2648-13	BHC44	Solid	Naphthalene	55.000	J	43	210	ug/Kg
P2648-13	BHC44	Solid	Phenanthrene	1,400.000		55	210	ug/Kg
P2648-13	BHC44	Solid	Pyrene	1,900.000		55	210	ug/Kg
Total Svoc :				14,744.00				
Total Concentration:				20,911.00				

Client ID : BHC50

P2648-18	BHC50	Solid	(DEL) Alkane: Straight-Chain23.(*	590.000	J			
P2648-18	BHC50	Solid	(DEL) Alkane: Straight-Chain24.(*	1,000.000	J			
P2648-18	BHC50	Solid	1(2H)-Acenaphthylene	210.000	J	*		
P2648-18	BHC50	Solid	1H-Benzo[b]fluorene	140.000	J	*		
P2648-18	BHC50	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	270.000	J	*		
P2648-18	BHC50	Solid	1H-Indene, 2-phenyl-	480.000	J	*		
P2648-18	BHC50	Solid	2-Methyldibenzothiophene	180.000	J	*		
P2648-18	BHC50	Solid	9,10-Anthracenedione	630.000	J	*		
P2648-18	BHC50	Solid	9,10-Dimethylanthracene	140.000	J	*		
P2648-18	BHC50	Solid	9H-Fluorene-9-one	220.000	J	*		
P2648-18	BHC50	Solid	9H-Fluorene, 1-methyl-	130.000	J	*		
P2648-18	BHC50	Solid	Benzaldehyde, 3,5-dichloro-2-hyd *	1,100.000	J	*		
P2648-18	BHC50	Solid	Benzo(a)pyrene 4,5-oxide	200.000	J	*		
P2648-18	BHC50	Solid	Benzo[e]pyrene	700.000	J	*		
P2648-18	BHC50	Solid	Benzo[ghi]fluoranthene	160.000	J	*		
P2648-18	BHC50	Solid	Benzo[h]quinoline	140.000	J	*		
P2648-18	BHC50	Solid	Cyclopenta(def)phenanthrenone	600.000	J	*		
P2648-18	BHC50	Solid	Dibenzothiophene	210.000	J	*		
P2648-18	BHC50	Solid	Naphthalene, 1,2-dihydro-4-pheny *	160.000	J	*		
P2648-18	BHC50	Solid	Naphthalene, 1-phenyl-	140.000	J	*		
P2648-18	BHC50	Solid	Naphthalene, 2-phenyl-	410.000	J	*		

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SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2648-18	BHC50	Solid	Octadecanal	*	920.000	J		
P2648-18	BHC50	Solid	Perylene	*	1,200.000	J		
P2648-18	BHC50	Solid	Phenanthrene, 1,7-dimethyl-	*	200.000	J		
P2648-18	BHC50	Solid	Phenanthrene, 1-methyl-	*	1,500.000	J		
P2648-18	BHC50	Solid	Phenanthrene, 2,5-dimethyl-	*	590.000	J		
P2648-18	BHC50	Solid	Phenanthrene, 2,7-dimethyl-	*	460.000	J		
P2648-18	BHC50	Solid	Phenanthrene, 2-methyl-	*	670.000	J		
P2648-18	BHC50	Solid	Phenanthrene, 3,6-dimethyl-	*	230.000	J		
P2648-18	BHC50	Solid	Pyrene, 1-methyl-	*	160.000	J		
P2648-18	BHC50	Solid	unknown-01	*	420.000	J		
P2648-18	BHC50	Solid	unknown-02	*	150.000	J		
P2648-18	BHC50	Solid	Total Alkanes	*	1,600.000		55	190 ug/Kg
Total Tics :					15,910.00			
P2648-18	BHC50	Solid	1-Methylnaphthalene		69.000	J	47	190 ug/Kg
P2648-18	BHC50	Solid	2-Methylnaphthalene		57.000	J	42	190 ug/Kg
P2648-18	BHC50	Solid	Acenaphthene		120.000	J	47	190 ug/Kg
P2648-18	BHC50	Solid	Acenaphthylene		690.000		49	190 ug/Kg
P2648-18	BHC50	Solid	Anthracene		700.000		49	190 ug/Kg
P2648-18	BHC50	Solid	Benzo(a)anthracene		2,600.000		44	190 ug/Kg
P2648-18	BHC50	Solid	Benzo(a)pyrene		1,800.000		48	190 ug/Kg
P2648-18	BHC50	Solid	Benzo(b)fluoranthene		3,700.000	E	48	190 ug/Kg
P2648-18	BHC50	Solid	Benzo(g,h,i)perylene		460.000		40	190 ug/Kg
P2648-18	BHC50	Solid	Benzo(k)fluoranthene		1,100.000		51	190 ug/Kg
P2648-18	BHC50	Solid	Bis(2-ethylhexyl)phthalate		320.000		50	190 ug/Kg
P2648-18	BHC50	Solid	Butylbenzylphthalate		130.000	J	36	190 ug/Kg
P2648-18	BHC50	Solid	Carbazole		320.000	J	51	380 ug/Kg
P2648-18	BHC50	Solid	Chrysene		2,900.000		51	190 ug/Kg
P2648-18	BHC50	Solid	Dibenzo(a,h)anthracene		610.000		42	190 ug/Kg
P2648-18	BHC50	Solid	Dibenzofuran		73.000	J	52	190 ug/Kg
P2648-18	BHC50	Solid	Fluoranthene		5,400.000	E	50	190 ug/Kg
P2648-18	BHC50	Solid	Fluorene		220.000		51	190 ug/Kg
P2648-18	BHC50	Solid	Indeno(1,2,3-cd)pyrene		1,500.000		42	190 ug/Kg
P2648-18	BHC50	Solid	Naphthalene		68.000	J	39	190 ug/Kg
P2648-18	BHC50	Solid	Phenanthrene		3,400.000	E	50	190 ug/Kg
P2648-18	BHC50	Solid	Pyrene		4,100.000	E	50	190 ug/Kg
Total Svoc :					30,337.00			
Total Concentration:					46,247.00			

Client ID : BHC50DL

P2648-18DL	BHC50DL	Solid	11H-Benzo[b]fluorene	*	410.000	JD		
P2648-18DL	BHC50DL	Solid	9,10-Anthracenedione	*	600.000	JD		

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SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2648-18DL	BHC50DL	Solid	9,10-Dimethylanthracene	*	610.000	JD		
P2648-18DL	BHC50DL	Solid	Anthracene, 1-methyl-	*	540.000	JD		
P2648-18DL	BHC50DL	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	1,200.000	JD		
P2648-18DL	BHC50DL	Solid	Benzo[e]pyrene	*	720.000	JD		
P2648-18DL	BHC50DL	Solid	Cyclopenta(def)phenanthrene	*	620.000	JD		
P2648-18DL	BHC50DL	Solid	Cyclopenta[cd]pyrene	*	450.000	JD		
P2648-18DL	BHC50DL	Solid	Naphthalene, 2-phenyl-	*	380.000	JD		
P2648-18DL	BHC50DL	Solid	Phenanthrene, 1-methyl-	*	1,500.000	JD		
P2648-18DL	BHC50DL	Solid	Phenanthrene, 2-methyl-	*	700.000	JD		
P2648-18DL	BHC50DL	Solid	Phenanthrene, 3,6-dimethyl-	*	480.000	JD		
P2648-18DL	BHC50DL	Solid	Pyrene, 1-methyl-	*	470.000	JD		
P2648-18DL	BHC50DL	Solid	unknown-01	*	1,200.000	JD		
P2648-18DL	BHC50DL	Solid	Total Alkanes	*	0.000	D 270	970	ug/Kg
Total Tics :				9,880.00				
P2648-18DL	BHC50DL	Solid	Acenaphthylene		750.000	JD 240	970	ug/Kg
P2648-18DL	BHC50DL	Solid	Anthracene		850.000	JD 240	970	ug/Kg
P2648-18DL	BHC50DL	Solid	Benzo(a)anthracene		2,900.000	D 220	970	ug/Kg
P2648-18DL	BHC50DL	Solid	Benzo(a)pyrene		2,000.000	D 240	970	ug/Kg
P2648-18DL	BHC50DL	Solid	Benzo(b)fluoranthene		4,200.000	D 240	970	ug/Kg
P2648-18DL	BHC50DL	Solid	Benzo(g,h,i)perylene		520.000	JD 200	970	ug/Kg
P2648-18DL	BHC50DL	Solid	Benzo(k)fluoranthene		1,300.000	D 260	970	ug/Kg
P2648-18DL	BHC50DL	Solid	Bis(2-ethylhexyl)phthalate		380.000	JD 250	970	ug/Kg
P2648-18DL	BHC50DL	Solid	Carbazole		330.000	JD 260	1900	ug/Kg
P2648-18DL	BHC50DL	Solid	Chrysene		3,300.000	D 260	970	ug/Kg
P2648-18DL	BHC50DL	Solid	Dibenzo(a,h)anthracene		680.000	JD 210	970	ug/Kg
P2648-18DL	BHC50DL	Solid	Fluoranthene		6,000.000	D 250	970	ug/Kg
P2648-18DL	BHC50DL	Solid	Indeno(1,2,3-cd)pyrene		1,700.000	D 210	970	ug/Kg
P2648-18DL	BHC50DL	Solid	Phenanthrene		3,700.000	D 250	970	ug/Kg
P2648-18DL	BHC50DL	Solid	Pyrene		4,500.000	D 250	970	ug/Kg
Total Svoc :				33,110.00				
Total Concentration:				42,990.00				

Client ID : BHC51

P2648-19	BHC51	Solid	(DEL) Alkane: Straight-Chain8.6t	*	180.000	J		
P2648-19	BHC51	Solid	11H-Benzo[a]fluoren-11-one	*	86.000	J		
P2648-19	BHC51	Solid	11H-Benzo[a]fluorene	*	84.000	J		
P2648-19	BHC51	Solid	13-Docosenamide, (Z)-	*	92.000	J		
P2648-19	BHC51	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	750.000	J		
P2648-19	BHC51	Solid	1H-Indene, 2-phenyl-	*	160.000	J		
P2648-19	BHC51	Solid	2-Aminopent-4-enoic acid, N-octy	*	170.000	J		
P2648-19	BHC51	Solid	2-Methylchrysene	*	150.000	J		

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SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2648-19	BHC51	Solid	4H-Cyclopenta[def]phenanthrene *	400.000	J			
P2648-19	BHC51	Solid	6-Phenylbenzocyclohepten-7-one *	140.000	J			
P2648-19	BHC51	Solid	7H-Benz[de]anthracen-7-one *	91.000	J			
P2648-19	BHC51	Solid	9,10-Anthracenedione *	220.000	J			
P2648-19	BHC51	Solid	Benzenesulfonamide, N,4-dimethyl *	400.000	J			
P2648-19	BHC51	Solid	Benzo[e]pyrene *	230.000	J			
P2648-19	BHC51	Solid	Benzo[j]fluoranthene *	310.000	J			
P2648-19	BHC51	Solid	Cyclopenta(def)phenanthrenone *	210.000	J			
P2648-19	BHC51	Solid	Dibenzothiophene *	83.000	J			
P2648-19	BHC51	Solid	Fluoranthene, 2-methyl- *	84.000	J			
P2648-19	BHC51	Solid	Phenanthrene, 1,7-dimethyl- *	88.000	J			
P2648-19	BHC51	Solid	Phenanthrene, 2,5-dimethyl- *	200.000	J			
P2648-19	BHC51	Solid	Phenanthrene, 2-methyl- *	220.000	J			
P2648-19	BHC51	Solid	Propyne, 1,3-diphenyl- *	180.000	J			
P2648-19	BHC51	Solid	Pyrene, 1-methyl- *	100.000	J			
P2648-19	BHC51	Solid	unknown-01 *	92.000	J			
P2648-19	BHC51	Solid	unknown-02 *	83.000	J			
P2648-19	BHC51	Solid	unknown-03 *	100.000	J			
P2648-19	BHC51	Solid	Total Alkanes *	180.000		59	210	ug/Kg
Total Tics :				5,083.00				
P2648-19	BHC51	Solid	Acenaphthene	69.000	J	50	210	ug/Kg
P2648-19	BHC51	Solid	Acenaphthylene	170.000	J	53	210	ug/Kg
P2648-19	BHC51	Solid	Acetophenone	58.000	J	47	400	ug/Kg
P2648-19	BHC51	Solid	Anthracene	260.000		53	210	ug/Kg
P2648-19	BHC51	Solid	Benzo(a)anthracene	980.000		48	210	ug/Kg
P2648-19	BHC51	Solid	Benzo(a)pyrene	690.000		52	210	ug/Kg
P2648-19	BHC51	Solid	Benzo(b)fluoranthene	1,400.000		52	210	ug/Kg
P2648-19	BHC51	Solid	Benzo(g,h,i)perylene	89.000	J	43	210	ug/Kg
P2648-19	BHC51	Solid	Benzo(k)fluoranthene	450.000		55	210	ug/Kg
P2648-19	BHC51	Solid	Bis(2-ethylhexyl)phthalate	420.000		54	210	ug/Kg
P2648-19	BHC51	Solid	Butylbenzylphthalate	140.000	J	39	210	ug/Kg
P2648-19	BHC51	Solid	Carbazole	120.000	J	55	400	ug/Kg
P2648-19	BHC51	Solid	Chrysene	1,200.000		55	210	ug/Kg
P2648-19	BHC51	Solid	Dibenzo(a,h)anthracene	240.000		45	210	ug/Kg
P2648-19	BHC51	Solid	Fluoranthene	2,000.000		54	210	ug/Kg
P2648-19	BHC51	Solid	Fluorene	75.000	J	55	210	ug/Kg
P2648-19	BHC51	Solid	Indeno(1,2,3-cd)pyrene	580.000		45	210	ug/Kg
P2648-19	BHC51	Solid	Phenanthrene	1,200.000		54	210	ug/Kg
P2648-19	BHC51	Solid	Pyrene	1,500.000		54	210	ug/Kg
Total Svoc :				11,641.00				

Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				16,724.00				
Client ID :	BHC24							
P2659-01	BHC24	Solid	(DEL) Alkane: Straight-Chain21.7 *	130.000	J			
P2659-01	BHC24	Solid	(DEL) Alkane: Straight-Chain23.0 *	690.000	J			
P2659-01	BHC24	Solid	(DEL) Alkane: Straight-Chain24.0 *	1,200.000	J			
P2659-01	BHC24	Solid	1(2H)-Acenaphthylene	190.000	J			
P2659-01	BHC24	Solid	1-Phenoxypropan-2-ol	170.000	J			
P2659-01	BHC24	Solid	11H-Benzo[b]fluorene	150.000	J			
P2659-01	BHC24	Solid	1H-Cyclopropa[1]phenanthrene,1a *	480.000	J			
P2659-01	BHC24	Solid	3,4-Dimethylphenanthrene	170.000	J			
P2659-01	BHC24	Solid	9,10-Anthracenedione	550.000	J			
P2659-01	BHC24	Solid	9,10-Dimethylanthracene	140.000	J			
P2659-01	BHC24	Solid	9H-Fluoren-9-one	190.000	J			
P2659-01	BHC24	Solid	Acridine	140.000	J			
P2659-01	BHC24	Solid	Anthracene, 9-ethenyl-	160.000	J			
P2659-01	BHC24	Solid	Benzaldehyde, 3,5-dichloro-2-hyd *	1,000.000	J			
P2659-01	BHC24	Solid	Benzo[b]naphtho[2,1-d]thiophene *	140.000	J			
P2659-01	BHC24	Solid	Benzo[b]triphenylene	360.000	J			
P2659-01	BHC24	Solid	Benzo[e]pyrene	480.000	J			
P2659-01	BHC24	Solid	Benzo[ghi]fluoranthene	190.000	J			
P2659-01	BHC24	Solid	Benzo[j]fluoranthene	630.000	J			
P2659-01	BHC24	Solid	Cyclopenta(def)phenanthrenone *	570.000	J			
P2659-01	BHC24	Solid	di-p-Tolylacetylene	580.000	J			
P2659-01	BHC24	Solid	Dibenzothiophene, 3-methyl-	180.000	J			
P2659-01	BHC24	Solid	Naphtho[2,1-b]thiophene	200.000	J			
P2659-01	BHC24	Solid	Octadecanal	820.000	J			
P2659-01	BHC24	Solid	Phenanthrene, 1,7-dimethyl-	210.000	J			
P2659-01	BHC24	Solid	Phenanthrene, 1-methyl-	1,200.000	J			
P2659-01	BHC24	Solid	Phenanthrene, 2,5-dimethyl-	420.000	J			
P2659-01	BHC24	Solid	Phenanthrene, 2-methyl-	640.000	J			
P2659-01	BHC24	Solid	Phenanthrene, 3,6-dimethyl-	170.000	J			
P2659-01	BHC24	Solid	Pyrene, 1-methyl-	160.000	J			
P2659-01	BHC24	Solid	Tetradecanal	660.000	J			
P2659-01	BHC24	Solid	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6-triene *	350.000	J			
P2659-01	BHC24	Solid	unknown-01	270.000	J			
P2659-01	BHC24	Solid	Total Alkanes	2,000.000		57	200	ug/Kg
Total Tics :				15,590.00				
P2659-01	BHC24	Solid	1-Methylnaphthalene	64.000	J	49	200	ug/Kg
P2659-01	BHC24	Solid	2-Methylnaphthalene	57.000	J	44	200	ug/Kg
P2659-01	BHC24	Solid	Acenaphthene	92.000	J	49	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2659-01	BHC24	Solid	Acenaphthylene	470.000		51	200	ug/Kg
P2659-01	BHC24	Solid	Acetophenone	100.000	J	45	390	ug/Kg
P2659-01	BHC24	Solid	Anthracene	520.000		51	200	ug/Kg
P2659-01	BHC24	Solid	Benzo(a)anthracene	2,400.000		47	200	ug/Kg
P2659-01	BHC24	Solid	Benzo(a)pyrene	1,600.000		50	200	ug/Kg
P2659-01	BHC24	Solid	Benzo(b)fluoranthene	3,300.000	E	50	200	ug/Kg
P2659-01	BHC24	Solid	Benzo(g,h,i)perylene	210.000		42	200	ug/Kg
P2659-01	BHC24	Solid	Benzo(k)fluoranthene	1,200.000		54	200	ug/Kg
P2659-01	BHC24	Solid	Bis(2-ethylhexyl)phthalate	450.000		53	200	ug/Kg
P2659-01	BHC24	Solid	Butylbenzylphthalate	170.000	J	38	200	ug/Kg
P2659-01	BHC24	Solid	Carbazole	260.000	J	54	390	ug/Kg
P2659-01	BHC24	Solid	Chrysene	2,700.000		54	200	ug/Kg
P2659-01	BHC24	Solid	Di-n-butylphthalate	140.000	J	50	200	ug/Kg
P2659-01	BHC24	Solid	Dibenzo(a,h)anthracene	520.000		44	200	ug/Kg
P2659-01	BHC24	Solid	Dibenzofuran	64.000	J	55	200	ug/Kg
P2659-01	BHC24	Solid	Fluoranthene	5,700.000	E	53	200	ug/Kg
P2659-01	BHC24	Solid	Fluorene	190.000	J	54	200	ug/Kg
P2659-01	BHC24	Solid	Indeno(1,2,3-cd)pyrene	1,300.000		44	200	ug/Kg
P2659-01	BHC24	Solid	Naphthalene	73.000	J	41	200	ug/Kg
P2659-01	BHC24	Solid	Phenanthrene	3,100.000		53	200	ug/Kg
P2659-01	BHC24	Solid	Pyrene	4,200.000	E	53	200	ug/Kg

Total Svoc : 28,880.00

Total Concentration: 44,470.00

Client ID : BHC25

P2659-02	BHC25	Solid	(DEL) Alkane: Straight-Chain24.(	650.000	J			
P2659-02	BHC25	Solid	1(2H)-Acenaphthylenone	200.000	J			
P2659-02	BHC25	Solid	1-Phenoxypropan-2-ol	180.000	J			
P2659-02	BHC25	Solid	11H-Benzo[b]fluorene	150.000	J			
P2659-02	BHC25	Solid	13-Tetradecen-1-ol acetate	420.000	J			
P2659-02	BHC25	Solid	2-Methyldibenzothiophene	210.000	J			
P2659-02	BHC25	Solid	4aH-carbazole, 6-methyl-	150.000	J			
P2659-02	BHC25	Solid	6-Phenylbenzocyclohepten-7-one	450.000	J			
P2659-02	BHC25	Solid	9,10-Anthracenedione	660.000	J			
P2659-02	BHC25	Solid	9,10-Dimethylanthracene	160.000	J			
P2659-02	BHC25	Solid	9H-Fluoren-9-one	220.000	J			
P2659-02	BHC25	Solid	9H-Fluorene, 1-methyl-	140.000	J			
P2659-02	BHC25	Solid	Acridine	170.000	J			
P2659-02	BHC25	Solid	Anthracene, 1-methyl-	530.000	J			
P2659-02	BHC25	Solid	Anthracene, 2-methyl-	1,200.000	J			
P2659-02	BHC25	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	1,200.000	J			

Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2659-02	BHC25	Solid	Benzo[e]pyrene	*	570.000	J		
P2659-02	BHC25	Solid	Benzo[ghi]fluoranthene	*	170.000	J		
P2659-02	BHC25	Solid	Benzo[j]fluoranthene	*	740.000	J		
P2659-02	BHC25	Solid	Cyclopenta(def)phenanthrene	*	650.000	J		
P2659-02	BHC25	Solid	di-p-Tolylacetylene	*	640.000	J		
P2659-02	BHC25	Solid	Dibenzothiophene	*	160.000	J		
P2659-02	BHC25	Solid	Naphthalene, 1-phenyl-	*	190.000	J		
P2659-02	BHC25	Solid	Phenanthrene, 1,7-dimethyl-	*	250.000	J		
P2659-02	BHC25	Solid	Phenanthrene, 1-methyl-	*	200.000	J		
P2659-02	BHC25	Solid	Phenanthrene, 2,5-dimethyl-	*	190.000	J		
P2659-02	BHC25	Solid	Phenanthrene, 2-methyl-	*	730.000	J		
P2659-02	BHC25	Solid	Phenanthrene, 3,6-dimethyl-	*	200.000	J		
P2659-02	BHC25	Solid	Pyrene, 1-methyl-	*	180.000	J		
P2659-02	BHC25	Solid	unknown-01	*	480.000	J		
P2659-02	BHC25	Solid	unknown-02	*	480.000	J		
P2659-02	BHC25	Solid	Total Alkanes	*	650.000	54	190	ug/Kg
Total Tics :				13,170.00				
P2659-02	BHC25	Solid	1-Methylnaphthalene		76.000	J	46	190 ug/Kg
P2659-02	BHC25	Solid	2-Methylnaphthalene		64.000	J	42	190 ug/Kg
P2659-02	BHC25	Solid	Acenaphthene		120.000	J	46	190 ug/Kg
P2659-02	BHC25	Solid	Acenaphthylene		560.000		49	190 ug/Kg
P2659-02	BHC25	Solid	Acetophenone		93.000	J	43	370 ug/Kg
P2659-02	BHC25	Solid	Anthracene		630.000		49	190 ug/Kg
P2659-02	BHC25	Solid	Benzo(a)anthracene		2,700.000		44	190 ug/Kg
P2659-02	BHC25	Solid	Benzo(a)pyrene		1,900.000		48	190 ug/Kg
P2659-02	BHC25	Solid	Benzo(b)fluoranthene		3,900.000	E	48	190 ug/Kg
P2659-02	BHC25	Solid	Benzo(g,h,i)perylene		240.000		40	190 ug/Kg
P2659-02	BHC25	Solid	Benzo(k)fluoranthene		1,300.000		51	190 ug/Kg
P2659-02	BHC25	Solid	Bis(2-ethylhexyl)phthalate		390.000		50	190 ug/Kg
P2659-02	BHC25	Solid	Butylbenzylphthalate		150.000	J	36	190 ug/Kg
P2659-02	BHC25	Solid	Carbazole		330.000	J	51	370 ug/Kg
P2659-02	BHC25	Solid	Chrysene		3,200.000	E	51	190 ug/Kg
P2659-02	BHC25	Solid	Dibenzo(a,h)anthracene		600.000		42	190 ug/Kg
P2659-02	BHC25	Solid	Dibenzofuran		80.000	J	52	190 ug/Kg
P2659-02	BHC25	Solid	Fluoranthene		6,800.000	E	50	190 ug/Kg
P2659-02	BHC25	Solid	Fluorene		230.000		51	190 ug/Kg
P2659-02	BHC25	Solid	Indeno(1,2,3-cd)pyrene		1,500.000		42	190 ug/Kg
P2659-02	BHC25	Solid	Naphthalene		74.000	J	39	190 ug/Kg
P2659-02	BHC25	Solid	Phenanthrene		3,700.000	E	50	190 ug/Kg
P2659-02	BHC25	Solid	Pyrene		5,000.000	E	50	190 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	33,637.00				
			Total Concentration:	46,807.00				
Client ID : BHC26								
P2659-03	BHC26	Solid	(DEL) Alkane: Straight-Chain24.6	*	360.000	J		
P2659-03	BHC26	Solid	1(2H)-Acenaphthylenone	*	140.000	J		
P2659-03	BHC26	Solid	1-Phenoxypropan-2-ol	*	100.000	J		
P2659-03	BHC26	Solid	11H-Benzo[a]fluoren-11-one	*	100.000	J		
P2659-03	BHC26	Solid	11H-Benzo[a]fluorene	*	140.000	J		
P2659-03	BHC26	Solid	11H-Benzo[b]fluorene	*	140.000	J		
P2659-03	BHC26	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	120.000	J		
P2659-03	BHC26	Solid	2-Methyldibenzothiophene	*	130.000	J		
P2659-03	BHC26	Solid	6-Phenylbenzocyclohepten-7-one	*	280.000	J		
P2659-03	BHC26	Solid	7H-Benz[de]anthracen-7-one	*	100.000	J		
P2659-03	BHC26	Solid	9,10-Anthracenedione	*	400.000	J		
P2659-03	BHC26	Solid	9H-Fluoren-9-one	*	150.000	J		
P2659-03	BHC26	Solid	9H-Fluorene, 1-methyl-	*	100.000	J		
P2659-03	BHC26	Solid	Acridine	*	99.000	J		
P2659-03	BHC26	Solid	Anthracene, 2-methyl-	*	290.000	J		
P2659-03	BHC26	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	730.000	J		
P2659-03	BHC26	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	100.000	J		
P2659-03	BHC26	Solid	Benzo[e]pyrene	*	390.000	J		
P2659-03	BHC26	Solid	Benzo[ghi]fluoranthene	*	150.000	J		
P2659-03	BHC26	Solid	Cyclopenta(def)phenanthrenone	*	390.000	J		
P2659-03	BHC26	Solid	Dibenzothiophene	*	140.000	J		
P2659-03	BHC26	Solid	Methacrylamide	*	240.000	J		
P2659-03	BHC26	Solid	Naphthalene, 1-phenyl-	*	130.000	J		
P2659-03	BHC26	Solid	Perylene	*	570.000	J		
P2659-03	BHC26	Solid	Phenanthrene, 1-methyl-	*	690.000	J		
P2659-03	BHC26	Solid	Phenanthrene, 2,3-dimethyl-	*	120.000	J		
P2659-03	BHC26	Solid	Phenanthrene, 2,5-dimethyl-	*	350.000	J		
P2659-03	BHC26	Solid	Phenanthrene, 2-methyl-	*	430.000	J		
P2659-03	BHC26	Solid	Phenanthrene, 3,6-dimethyl-	*	150.000	J		
P2659-03	BHC26	Solid	Pyrene, 1-methyl-	*	110.000	J		
P2659-03	BHC26	Solid	unknown-01	*	270.000	J		
P2659-03	BHC26	Solid	Total Alkanes	*	360.000		53	190 ug/Kg
			Total Tics :	7,969.00				
P2659-03	BHC26	Solid	Acenaphthene		67.000	J	45	190 ug/Kg
P2659-03	BHC26	Solid	Acenaphthylene		380.000		48	190 ug/Kg
P2659-03	BHC26	Solid	Acetophenone		53.000	J	42	370 ug/Kg
P2659-03	BHC26	Solid	Anthracene		420.000		48	190 ug/Kg

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SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2659-03	BHC26	Solid	Benzo(a)anthracene	2,000.000		43	190	ug/Kg
P2659-03	BHC26	Solid	Benzo(a)pyrene	1,300.000		47	190	ug/Kg
P2659-03	BHC26	Solid	Benzo(b)fluoranthene	2,700.000		47	190	ug/Kg
P2659-03	BHC26	Solid	Benzo(g,h,i)perylene	160.000	J	39	190	ug/Kg
P2659-03	BHC26	Solid	Benzo(k)fluoranthene	1,000.000		50	190	ug/Kg
P2659-03	BHC26	Solid	Bis(2-ethylhexyl)phthalate	120.000	J	49	190	ug/Kg
P2659-03	BHC26	Solid	Butylbenzylphthalate	55.000	J	35	190	ug/Kg
P2659-03	BHC26	Solid	Carbazole	210.000	J	50	370	ug/Kg
P2659-03	BHC26	Solid	Chrysene	2,200.000		50	190	ug/Kg
P2659-03	BHC26	Solid	Dibenzo(a,h)anthracene	420.000		41	190	ug/Kg
P2659-03	BHC26	Solid	Fluoranthene	4,800.000	E	49	190	ug/Kg
P2659-03	BHC26	Solid	Fluorene	150.000	J	50	190	ug/Kg
P2659-03	BHC26	Solid	Indeno(1,2,3-cd)pyrene	1,000.000		41	190	ug/Kg
P2659-03	BHC26	Solid	Naphthalene	43.000	J	38	190	ug/Kg
P2659-03	BHC26	Solid	Phenanthrene	2,400.000		49	190	ug/Kg
P2659-03	BHC26	Solid	Pyrene	3,400.000	E	49	190	ug/Kg
Total Svoc :				22,878.00				
Total Concentration:				30,847.00				

Client ID : BHC27

P2659-06	BHC27	Solid	1-Phenoxypropan-2-ol	*	160.000	J		
P2659-06	BHC27	Solid	11H-Benzo[a]fluoren-11-one	*	74.000	J		
P2659-06	BHC27	Solid	11H-Benzo[b]fluorene	*	89.000	J		
P2659-06	BHC27	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	81.000	J		
P2659-06	BHC27	Solid	4H-Cyclopenta[def]phenanthrene	*	290.000	J		
P2659-06	BHC27	Solid	7H-Benz[de]anthracen-7-one	*	91.000	J		
P2659-06	BHC27	Solid	9,10-Anthracenedione	*	160.000	J		
P2659-06	BHC27	Solid	9H-Fluoren-9-one	*	80.000	J		
P2659-06	BHC27	Solid	Benzo[e]pyrene	*	130.000	J		
P2659-06	BHC27	Solid	Benzo[j]fluoranthene	*	170.000	J		
P2659-06	BHC27	Solid	Cyclopenta(def)phenanthrenone	*	150.000	J		
P2659-06	BHC27	Solid	Ethanol, 2-(tetradecyloxy)-	*	170.000	J		
P2659-06	BHC27	Solid	Methacrylamide	*	170.000	J		
P2659-06	BHC27	Solid	Naphthalene, 2-phenyl-	*	110.000	J		
P2659-06	BHC27	Solid	Naphtho[2,3-b]thiophene	*	74.000	J		
P2659-06	BHC27	Solid	Phenanthrene, 1-methyl-	*	430.000	J		
P2659-06	BHC27	Solid	Phenanthrene, 2,5-dimethyl-	*	140.000	J		
P2659-06	BHC27	Solid	Phenanthrene, 2-methyl-	*	170.000	J		
P2659-06	BHC27	Solid	Propylene Glycol	*	120.000	J		
P2659-06	BHC27	Solid	Propyne, 1,3-diphenyl-	*	110.000	J		
P2659-06	BHC27	Solid	Pyrene, 1-methyl-	*	110.000	J		

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SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2659-06	BHC27	Solid	Pyrene, 2-methyl-	*	83.000	J		
P2659-06	BHC27	Solid	unknown-01	*	93.000	J		
P2659-06	BHC27	Solid	unknown-02	*	1,200.000	J		
P2659-06	BHC27	Solid	unknown-03	*	89.000	J		
P2659-06	BHC27	Solid	Total Alkanes	*	0.000	52	190	ug/Kg
Total Tics :				4,544.00				
P2659-06	BHC27	Solid	Acenaphthene		54.000	J 45	190	ug/Kg
P2659-06	BHC27	Solid	Acenaphthylene		120.000	J 47	190	ug/Kg
P2659-06	BHC27	Solid	Anthracene		190.000	47	190	ug/Kg
P2659-06	BHC27	Solid	Benzo(a)anthracene		720.000	42	190	ug/Kg
P2659-06	BHC27	Solid	Benzo(a)pyrene		470.000	46	190	ug/Kg
P2659-06	BHC27	Solid	Benzo(b)fluoranthene		1,000.000	46	190	ug/Kg
P2659-06	BHC27	Solid	Benzo(g,h,i)perylene		60.000	J 38	190	ug/Kg
P2659-06	BHC27	Solid	Benzo(k)fluoranthene		300.000	49	190	ug/Kg
P2659-06	BHC27	Solid	Carbazole		96.000	J 49	360	ug/Kg
P2659-06	BHC27	Solid	Chrysene		790.000	49	190	ug/Kg
P2659-06	BHC27	Solid	Dibenzo(a,h)anthracene		140.000	J 40	190	ug/Kg
P2659-06	BHC27	Solid	Fluoranthene		1,900.000	48	190	ug/Kg
P2659-06	BHC27	Solid	Fluorene		71.000	J 49	190	ug/Kg
P2659-06	BHC27	Solid	Indeno(1,2,3-cd)pyrene		360.000	40	190	ug/Kg
P2659-06	BHC27	Solid	Naphthalene		40.000	J 37	190	ug/Kg
P2659-06	BHC27	Solid	Phenanthrene		1,200.000	48	190	ug/Kg
P2659-06	BHC27	Solid	Pyrene		1,300.000	48	190	ug/Kg
Total Svoc :				8,811.00				
Total Concentration:				13,355.00				

Client ID : BHC31

P2659-10	BHC31	Solid	(DEL) Alkane: Straight-Chain20.7	*	150.000	J		
P2659-10	BHC31	Solid	(DEL) Alkane: Straight-Chain22.3	*	82.000	J		
P2659-10	BHC31	Solid	1-Phenoxypropan-2-ol	*	170.000	J		
P2659-10	BHC31	Solid	11H-Benzo[a]fluoren-11-one	*	90.000	J		
P2659-10	BHC31	Solid	11H-Benzo[a]fluorene	*	120.000	J		
P2659-10	BHC31	Solid	11H-Benzo[b]fluorene	*	75.000	J		
P2659-10	BHC31	Solid	3,4-Dimethylphenanthrene	*	220.000	J		
P2659-10	BHC31	Solid	6-Phenylbenzocyclohepten-7-one	*	120.000	J		
P2659-10	BHC31	Solid	6H-Cyclobuta[jk]phenanthrene	*	370.000	J		
P2659-10	BHC31	Solid	7H-Benz[de]anthracen-7-one	*	85.000	J		
P2659-10	BHC31	Solid	9,10-Anthracenedione	*	180.000	J		
P2659-10	BHC31	Solid	Anthracene, 1-methyl-	*	170.000	J		
P2659-10	BHC31	Solid	Anthracene, 2-methyl-	*	78.000	J		
P2659-10	BHC31	Solid	Benz[a]anthracene, 7-methyl-	*	91.000	J		

Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2659-10	BHC31	Solid	Benzo[b]naphtho[2,1-d]thiophene *	85.000	J			
P2659-10	BHC31	Solid	Benzo[e]pyrene *	170.000	J			
P2659-10	BHC31	Solid	Cyclopenta(def)phenanthrene *	200.000	J			
P2659-10	BHC31	Solid	Methacrylamide *	220.000	J			
P2659-10	BHC31	Solid	Perylene *	250.000	J			
P2659-10	BHC31	Solid	Phenanthrene, 1-methyl- *	440.000	J			
P2659-10	BHC31	Solid	Phenanthrene, 2-methyl- *	240.000	J			
P2659-10	BHC31	Solid	Propylene Glycol *	160.000	J			
P2659-10	BHC31	Solid	Pyrene, 1-methyl- *	120.000	J			
P2659-10	BHC31	Solid	Pyrene, 4-methyl- *	110.000	J			
P2659-10	BHC31	Solid	unknown-01 *	100.000	J			
P2659-10	BHC31	Solid	unknown-02 *	850.000	J			
P2659-10	BHC31	Solid	unknown-03 *	150.000	J			
P2659-10	BHC31	Solid	Total Alkanes *	230.000		54	190	ug/Kg
Total Tics :				5,326.00				
P2659-10	BHC31	Solid	Acenaphthylene	190.000		48	190	ug/Kg
P2659-10	BHC31	Solid	Anthracene	180.000	J	48	190	ug/Kg
P2659-10	BHC31	Solid	Benzo(a)anthracene	830.000		44	190	ug/Kg
P2659-10	BHC31	Solid	Benzo(a)pyrene	550.000		47	190	ug/Kg
P2659-10	BHC31	Solid	Benzo(b)fluoranthene	1,100.000		47	190	ug/Kg
P2659-10	BHC31	Solid	Benzo(g,h,i)perylene	68.000	J	39	190	ug/Kg
P2659-10	BHC31	Solid	Benzo(k)fluoranthene	420.000		50	190	ug/Kg
P2659-10	BHC31	Solid	Carbazole	82.000	J	50	370	ug/Kg
P2659-10	BHC31	Solid	Chrysene	930.000		50	190	ug/Kg
P2659-10	BHC31	Solid	Dibenzo(a,h)anthracene	170.000	J	41	190	ug/Kg
P2659-10	BHC31	Solid	Fluoranthene	1,900.000		49	190	ug/Kg
P2659-10	BHC31	Solid	Fluorene	64.000	J	50	190	ug/Kg
P2659-10	BHC31	Solid	Indeno(1,2,3-cd)pyrene	410.000		41	190	ug/Kg
P2659-10	BHC31	Solid	Phenanthrene	1,000.000		49	190	ug/Kg
P2659-10	BHC31	Solid	Pyrene	1,400.000		49	190	ug/Kg
Total Svoc :				9,294.00				
Total Concentration:				14,620.00				

Client ID : BHC32

P2659-11	BHC32	Solid	(DEL) Alkane: Cyclic20.751 *	190.000	J			
P2659-11	BHC32	Solid	(DEL) Alkane: Straight-Chain24.6 *	300.000	J			
P2659-11	BHC32	Solid	1-Phenoxypropan-2-ol *	240.000	J			
P2659-11	BHC32	Solid	11H-Benzo[a]fluoren-11-one *	100.000	J			
P2659-11	BHC32	Solid	11H-Benzo[b]fluorene *	140.000	J			
P2659-11	BHC32	Solid	1H-Cyclopropa[l]phenanthrene, 1a *	99.000	J			
P2659-11	BHC32	Solid	4H-Cyclopenta[def]phenanthrene *	510.000	J			

Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2659-11	BHC32	Solid	7H-Benz[de]anthracen-7-one	*	92.000	J		
P2659-11	BHC32	Solid	9,10-Anthracenedione	*	250.000	J		
P2659-11	BHC32	Solid	9-Octadecenamide, (Z)-	*	98.000	J		
P2659-11	BHC32	Solid	9H-Fluoren-9-one	*	100.000	J		
P2659-11	BHC32	Solid	Anthracene, 2-methyl-	*	260.000	J		
P2659-11	BHC32	Solid	Benz[a]anthracene, 7-methyl-	*	96.000	J		
P2659-11	BHC32	Solid	Benzo[e]pyrene	*	250.000	J		
P2659-11	BHC32	Solid	Cyclopenta(def)phenanthrenone	*	290.000	J		
P2659-11	BHC32	Solid	di-p-Tolylacetylene	*	220.000	J		
P2659-11	BHC32	Solid	Dibenzothiophene	*	110.000	J		
P2659-11	BHC32	Solid	Dibenzothiophene, 3-methyl-	*	85.000	J		
P2659-11	BHC32	Solid	Fluoranthene, 2-methyl-	*	87.000	J		
P2659-11	BHC32	Solid	Methacrylamide	*	140.000	J		
P2659-11	BHC32	Solid	Naphthalene, 1,6,7-trimethyl-	*	97.000	J		
P2659-11	BHC32	Solid	Naphthalene, 2-phenyl-	*	180.000	J		
P2659-11	BHC32	Solid	Perylene	*	240.000	J		
P2659-11	BHC32	Solid	Phenanthrene, 1,7-dimethyl-	*	110.000	J		
P2659-11	BHC32	Solid	Phenanthrene, 1-methyl-	*	670.000	J		
P2659-11	BHC32	Solid	Phenanthrene, 2,5-dimethyl-	*	320.000	J		
P2659-11	BHC32	Solid	Phenanthrene, 2-methyl-	*	340.000	J		
P2659-11	BHC32	Solid	Phenanthrene, 3,6-dimethyl-	*	150.000	J		
P2659-11	BHC32	Solid	Propylene Glycol	*	97.000	J		
P2659-11	BHC32	Solid	Pyrene, 1-methyl-	*	150.000	J		
P2659-11	BHC32	Solid	Pyrene, 4-methyl-	*	130.000	J		
P2659-11	BHC32	Solid	unknown-01	*	120.000	J		
P2659-11	BHC32	Solid	Total Alkanes	*	490.000	55	190	ug/Kg
Total Tics :					6,751.00			
P2659-11	BHC32	Solid	Acenaphthene		49.000	J	47	190 ug/Kg
P2659-11	BHC32	Solid	Acenaphthylene		240.000		49	190 ug/Kg
P2659-11	BHC32	Solid	Acetophenone		46.000	J	43	380 ug/Kg
P2659-11	BHC32	Solid	Anthracene		250.000		49	190 ug/Kg
P2659-11	BHC32	Solid	Benzo(a)anthracene		1,100.000		44	190 ug/Kg
P2659-11	BHC32	Solid	Benzo(a)pyrene		720.000		48	190 ug/Kg
P2659-11	BHC32	Solid	Benzo(b)fluoranthene		1,500.000		48	190 ug/Kg
P2659-11	BHC32	Solid	Benzo(g,h,i)perylene		91.000	J	40	190 ug/Kg
P2659-11	BHC32	Solid	Benzo(k)fluoranthene		520.000		51	190 ug/Kg
P2659-11	BHC32	Solid	Carbazole		120.000	J	51	380 ug/Kg
P2659-11	BHC32	Solid	Chrysene		1,300.000		51	190 ug/Kg
P2659-11	BHC32	Solid	Dibenzo(a,h)anthracene		240.000		42	190 ug/Kg
P2659-11	BHC32	Solid	Fluoranthene		2,700.000		50	190 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2659-11	BHC32	Solid	Fluorene	100.000	J	51	190	ug/Kg
P2659-11	BHC32	Solid	Indeno(1,2,3-cd)pyrene	560.000		42	190	ug/Kg
P2659-11	BHC32	Solid	Naphthalene	47.000	J	39	190	ug/Kg
P2659-11	BHC32	Solid	Phenanthrene	1,600.000		50	190	ug/Kg
P2659-11	BHC32	Solid	Pyrene	2,000.000		50	190	ug/Kg
Total Svoc :				13,183.00				
Total Concentration:				19,934.00				

Client ID : BHC34

P2659-13	BHC34	Solid	(DEL) Alkane: Straight-Chain23.(*	610.000	J			
P2659-13	BHC34	Solid	(DEL) Alkane: Straight-Chain24.(*	1,100.000	J			
P2659-13	BHC34	Solid	1-Phenoxypropan-2-ol *	200.000	J			
P2659-13	BHC34	Solid	11H-Benzo[a]fluoren-11-one *	98.000	J			
P2659-13	BHC34	Solid	11H-Benzo[a]fluorene *	120.000	J			
P2659-13	BHC34	Solid	26-Nor-5-cholesten-3.beta.-ol-25- *	660.000	J			
P2659-13	BHC34	Solid	4,4-Bis(tetrahydrothiopyran) *	100.000	J			
P2659-13	BHC34	Solid	4H-Cyclopenta[def]phenanthrene *	440.000	J			
P2659-13	BHC34	Solid	6-Phenylbenzocyclohepten-7-one *	140.000	J			
P2659-13	BHC34	Solid	7H-Benz[de]anthracen-7-one *	92.000	J			
P2659-13	BHC34	Solid	9,10-Anthracenedione *	230.000	J			
P2659-13	BHC34	Solid	Acetic acid, 3-[1,3]dioxolan-2-ylp *	120.000	J			
P2659-13	BHC34	Solid	Anthracene, 1-methyl- *	170.000	J			
P2659-13	BHC34	Solid	Anthracene, 9-methyl- *	130.000	J			
P2659-13	BHC34	Solid	Benzo[b]naphtho[2,1-d]thiophene *	98.000	J			
P2659-13	BHC34	Solid	Benzo[e]pyrene *	260.000	J			
P2659-13	BHC34	Solid	Chrysene, 6-methyl- *	160.000	J			
P2659-13	BHC34	Solid	Cyclopenta(def)phenanthrenone *	230.000	J			
P2659-13	BHC34	Solid	di-p-Tolylacetylene *	110.000	J			
P2659-13	BHC34	Solid	n-Hexadecanoic acid *	930.000	J			
P2659-13	BHC34	Solid	Naphtho[1,2-b]thiophene *	91.000	J			
P2659-13	BHC34	Solid	Nonadecane, 1-chloro- *	85.000	J			
P2659-13	BHC34	Solid	Octacosanal *	550.000	J			
P2659-13	BHC34	Solid	Oxirane, hexadecyl- *	550.000	J			
P2659-13	BHC34	Solid	Phenanthrene, 2,5-dimethyl- *	250.000	J			
P2659-13	BHC34	Solid	Phenanthrene, 2,7-dimethyl- *	160.000	J			
P2659-13	BHC34	Solid	Phenanthrene, 2-methyl- *	250.000	J			
P2659-13	BHC34	Solid	Phenanthrene, 3,6-dimethyl- *	88.000	J			
P2659-13	BHC34	Solid	Pyrene, 1-methyl- *	100.000	J			
P2659-13	BHC34	Solid	unknown-01 *	120.000	J			
P2659-13	BHC34	Solid	unknown-02 *	150.000	J			
P2659-13	BHC34	Solid	unknown-03 *	280.000	J			

Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2659-13	BHC34	Solid	Total Alkanes	*	1,700.000	58	200	ug/Kg
Total Tics :				10,372.00				
P2659-13	BHC34	Solid	Acenaphthylene		210.000	52	200	ug/Kg
P2659-13	BHC34	Solid	Acetophenone		65.000	J 46	400	ug/Kg
P2659-13	BHC34	Solid	Anthracene		230.000	52	200	ug/Kg
P2659-13	BHC34	Solid	Benzo(a)anthracene		1,100.000	47	200	ug/Kg
P2659-13	BHC34	Solid	Benzo(a)pyrene		780.000	50	200	ug/Kg
P2659-13	BHC34	Solid	Benzo(b)fluoranthene		1,600.000	50	200	ug/Kg
P2659-13	BHC34	Solid	Benzo(g,h,i)perylene		100.000	J 42	200	ug/Kg
P2659-13	BHC34	Solid	Benzo(k)fluoranthene		610.000	54	200	ug/Kg
P2659-13	BHC34	Solid	Bis(2-ethylhexyl)phthalate		750.000	53	200	ug/Kg
P2659-13	BHC34	Solid	Butylbenzylphthalate		190.000	J 38	200	ug/Kg
P2659-13	BHC34	Solid	Carbazole		100.000	J 54	400	ug/Kg
P2659-13	BHC34	Solid	Chrysene		1,300.000	54	200	ug/Kg
P2659-13	BHC34	Solid	Dibenzo(a,h)anthracene		250.000	44	200	ug/Kg
P2659-13	BHC34	Solid	Fluoranthene		2,700.000	53	200	ug/Kg
P2659-13	BHC34	Solid	Fluorene		71.000	J 54	200	ug/Kg
P2659-13	BHC34	Solid	Indeno(1,2,3-cd)pyrene		640.000	44	200	ug/Kg
P2659-13	BHC34	Solid	Phenanthrene		1,200.000	53	200	ug/Kg
P2659-13	BHC34	Solid	Pyrene		2,000.000	53	200	ug/Kg
Total Svoc :				13,896.00				
Total Concentration:				24,268.00				
Client ID : BHC35								
P2659-14	BHC35	Solid	(DEL) Alkane: Straight-Chain23.(	*	270.000	J		
P2659-14	BHC35	Solid	(DEL) Alkane: Straight-Chain24.(	*	440.000	J		
P2659-14	BHC35	Solid	1,2-Benzenedicarboxylic acid, dec	*	720.000	J		
P2659-14	BHC35	Solid	1,2-Benzenedicarboxylic acid, di	*	250.000	J		
P2659-14	BHC35	Solid	1-Phenoxypropan-2-ol	*	230.000	J		
P2659-14	BHC35	Solid	11H-Benzo[a]fluoren-11-one	*	100.000	J		
P2659-14	BHC35	Solid	11H-Benzo[a]fluorene	*	95.000	J		
P2659-14	BHC35	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	130.000	J		
P2659-14	BHC35	Solid	1H-Indene, 2-phenyl-	*	150.000	J		
P2659-14	BHC35	Solid	4H-Cyclopenta[def]phenanthrene	*	410.000	J		
P2659-14	BHC35	Solid	6-Phenylbenzocyclohepten-7-one	*	140.000	J		
P2659-14	BHC35	Solid	7H-Benz[de]anthracen-7-one	*	95.000	J		
P2659-14	BHC35	Solid	9,10-Anthracenedione	*	230.000	J		
P2659-14	BHC35	Solid	Benzo[e]pyrene	*	240.000	J		
P2659-14	BHC35	Solid	Cholesterol	*	910.000	J		
P2659-14	BHC35	Solid	Cyclopenta(cd)pyrene, 3,4-dihydr	*	92.000	J		
P2659-14	BHC35	Solid	Cyclopenta(def)phenanthrenone	*	220.000	J		

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SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2659-14	BHC35	Solid	Ethanol, 2-(tetradecyloxy)-	*	290.000	J		
P2659-14	BHC35	Solid	n-Hexadecanoic acid	*	970.000	J		
P2659-14	BHC35	Solid	Octadecanoic acid	*	140.000	J		
P2659-14	BHC35	Solid	Perylene	*	330.000	J		
P2659-14	BHC35	Solid	Phenanthrene, 1,7-dimethyl-	*	110.000	J		
P2659-14	BHC35	Solid	Phenanthrene, 2,5-dimethyl-	*	230.000	J		
P2659-14	BHC35	Solid	Phenanthrene, 2-methyl-	*	260.000	J		
P2659-14	BHC35	Solid	Phenanthrene, 3,6-dimethyl-	*	150.000	J		
P2659-14	BHC35	Solid	Phthalic acid, 2-ethylbutyl heptyl	*	250.000	J		
P2659-14	BHC35	Solid	Phthalic acid, 5-methylhex-2-yl he	*	260.000	J		
P2659-14	BHC35	Solid	Phthalic acid, heptyl octyl ester	*	1,200.000	J		
P2659-14	BHC35	Solid	Phthalic acid, heptyl undecyl este	*	170.000	J		
P2659-14	BHC35	Solid	Phthalic acid, isobutyl 6-methylhe	*	150.000	J		
P2659-14	BHC35	Solid	Propylene Glycol	*	150.000	J		
P2659-14	BHC35	Solid	Pyrene, 1-methyl-	*	98.000	J		
P2659-14	BHC35	Solid	Total Alkanes	*	710.000		56	200 ug/Kg
Total Tics :				10,190.00				
P2659-14	BHC35	Solid	Acenaphthylene		190.000	J	50	200 ug/Kg
P2659-14	BHC35	Solid	Acetophenone		55.000	J	45	390 ug/Kg
P2659-14	BHC35	Solid	Anthracene		200.000		50	200 ug/Kg
P2659-14	BHC35	Solid	Benzo(a)anthracene		1,000.000		46	200 ug/Kg
P2659-14	BHC35	Solid	Benzo(a)pyrene		680.000		49	200 ug/Kg
P2659-14	BHC35	Solid	Benzo(b)fluoranthene		1,400.000		49	200 ug/Kg
P2659-14	BHC35	Solid	Benzo(g,h,i)perylene		94.000	J	41	200 ug/Kg
P2659-14	BHC35	Solid	Benzo(k)fluoranthene		570.000		53	200 ug/Kg
P2659-14	BHC35	Solid	Bis(2-ethylhexyl)phthalate		2,100.000		52	200 ug/Kg
P2659-14	BHC35	Solid	Butylbenzylphthalate		200.000		37	200 ug/Kg
P2659-14	BHC35	Solid	Carbazole		93.000	J	53	390 ug/Kg
P2659-14	BHC35	Solid	Chrysene		1,200.000		53	200 ug/Kg
P2659-14	BHC35	Solid	Di-n-octyl phthalate		890.000		40	390 ug/Kg
P2659-14	BHC35	Solid	Dibenzo(a,h)anthracene		230.000		43	200 ug/Kg
P2659-14	BHC35	Solid	Fluoranthene		2,400.000		52	200 ug/Kg
P2659-14	BHC35	Solid	Fluorene		55.000	J	53	200 ug/Kg
P2659-14	BHC35	Solid	Indeno(1,2,3-cd)pyrene		570.000		43	200 ug/Kg
P2659-14	BHC35	Solid	Phenanthrene		1,000.000		52	200 ug/Kg
P2659-14	BHC35	Solid	Pyrene		1,800.000		52	200 ug/Kg
Total Svoc :				14,727.00				
Total Concentration:				24,917.00				
Client ID : BHC39								
P2659-18	BHC39	Solid	(DEL) Alkane: Straight-Chain20.7	*	200.000	J		

Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2659-18	BHC39	Solid	(DEL) Alkane: Straight-Chain24.6	*	470.000	J		
P2659-18	BHC39	Solid	(S)-(+)-1,2-Propanediol	*	130.000	J		
P2659-18	BHC39	Solid	1-Phenoxypropan-2-ol	*	190.000	J		
P2659-18	BHC39	Solid	11H-Benzo[a]fluoren-11-one	*	100.000	J		
P2659-18	BHC39	Solid	11H-Benzo[a]fluorene	*	120.000	J		
P2659-18	BHC39	Solid	11H-Benzo[b]fluorene	*	140.000	J		
P2659-18	BHC39	Solid	1H-Indene, 2-phenyl-	*	140.000	J		
P2659-18	BHC39	Solid	4H-Cyclopenta[def]phenanthrene	*	380.000	J		
P2659-18	BHC39	Solid	7H-Benz[de]anthracen-7-one	*	88.000	J		
P2659-18	BHC39	Solid	9,10-Anthracenedione	*	190.000	J		
P2659-18	BHC39	Solid	9,10-Dimethylanthracene	*	200.000	J		
P2659-18	BHC39	Solid	Anthracene, 2-methyl-	*	660.000	J		
P2659-18	BHC39	Solid	Benz[a]anthracene, 8-methyl-	*	170.000	J		
P2659-18	BHC39	Solid	Benzenesulfonamide, N,4-dimethyl-	*	1,000.000	J		
P2659-18	BHC39	Solid	Benzenesulfonic acid, 4-methyl-, 1	*	170.000	J		
P2659-18	BHC39	Solid	Benzo[e]pyrene	*	190.000	J		
P2659-18	BHC39	Solid	Cyclopenta(def)phenanthrenone	*	190.000	J		
P2659-18	BHC39	Solid	Octadecanoic acid	*	100.000	J		
P2659-18	BHC39	Solid	Phenanthrene, 2-methyl-	*	210.000	J		
P2659-18	BHC39	Solid	Phenanthrene, 3,6-dimethyl-	*	120.000	J		
P2659-18	BHC39	Solid	Pyrene, 1-methyl-	*	110.000	J		
P2659-18	BHC39	Solid	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	*	120.000	J		
P2659-18	BHC39	Solid	unknown-01	*	160.000	J		
P2659-18	BHC39	Solid	unknown-02	*	160.000	J		
P2659-18	BHC39	Solid	Total Alkanes	*	670.000	J	63	220 ug/Kg
Total Tics :					6,378.00			
P2659-18	BHC39	Solid	Acenaphthylene		130.000	J	56	220 ug/Kg
P2659-18	BHC39	Solid	Acetophenone		63.000	J	50	430 ug/Kg
P2659-18	BHC39	Solid	Anthracene		190.000	J	56	220 ug/Kg
P2659-18	BHC39	Solid	Benzo(a)anthracene		920.000		51	220 ug/Kg
P2659-18	BHC39	Solid	Benzo(a)pyrene		580.000		55	220 ug/Kg
P2659-18	BHC39	Solid	Benzo(b)fluoranthene		1,200.000		55	220 ug/Kg
P2659-18	BHC39	Solid	Benzo(g,h,i)perylene		72.000	J	46	220 ug/Kg
P2659-18	BHC39	Solid	Benzo(k)fluoranthene		480.000		59	220 ug/Kg
P2659-18	BHC39	Solid	Bis(2-ethylhexyl)phthalate		1,200.000		57	220 ug/Kg
P2659-18	BHC39	Solid	Butylbenzylphthalate		320.000		42	220 ug/Kg
P2659-18	BHC39	Solid	Carbazole		100.000	J	59	430 ug/Kg
P2659-18	BHC39	Solid	Chrysene		1,000.000		59	220 ug/Kg
P2659-18	BHC39	Solid	Di-n-butylphthalate		300.000		55	220 ug/Kg
P2659-18	BHC39	Solid	Dibenzo(a,h)anthracene		200.000	J	48	220 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2659-18	BHC39	Solid	Fluoranthene	2,300.000		57	220	ug/Kg
P2659-18	BHC39	Solid	Fluorene	66.000	J	59	220	ug/Kg
P2659-18	BHC39	Solid	Indeno(1,2,3-cd)pyrene	470.000		48	220	ug/Kg
P2659-18	BHC39	Solid	Phenanthrene	1,100.000		57	220	ug/Kg
P2659-18	BHC39	Solid	Pyrene	1,600.000		57	220	ug/Kg
Total Svoc :				12,291.00				
Total Concentration:				18,669.00				

Client ID : BHC40

P2659-19	BHC40	Solid	1-Phenoxypropan-2-ol	*	180.000	J		
P2659-19	BHC40	Solid	11H-Benzo[a]fluoren-11-one	*	120.000	J		
P2659-19	BHC40	Solid	11H-Benzo[b]fluorene	*	150.000	J		
P2659-19	BHC40	Solid	4H-Cyclopenta[def]phenanthrene	*	610.000	J		
P2659-19	BHC40	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	180.000	J		
P2659-19	BHC40	Solid	7H-Benz[de]anthracen-7-one	*	110.000	J		
P2659-19	BHC40	Solid	9,10-Anthracenedione	*	280.000	J		
P2659-19	BHC40	Solid	9H-Fluoren-9-one	*	120.000	J		
P2659-19	BHC40	Solid	Benz[a]anthracene, 7-methyl-	*	110.000	J		
P2659-19	BHC40	Solid	Benzenesulfonamide, N,4-dimethyl-	*	930.000	J		
P2659-19	BHC40	Solid	Benzenesulfonic acid, 4-methyl-, 1	*	170.000	J		
P2659-19	BHC40	Solid	Benzo[e]pyrene	*	260.000	J		
P2659-19	BHC40	Solid	Benzo[ghi]fluoranthene	*	170.000	J		
P2659-19	BHC40	Solid	Chrysene, 1-methyl-	*	100.000	J		
P2659-19	BHC40	Solid	Cyclopenta(def)phenanthrenone	*	300.000	J		
P2659-19	BHC40	Solid	di-p-Tolylacetylene	*	250.000	J		
P2659-19	BHC40	Solid	Dibenzothiophene	*	120.000	J		
P2659-19	BHC40	Solid	Methacrylamide	*	140.000	J		
P2659-19	BHC40	Solid	Perylene	*	310.000	J		
P2659-19	BHC40	Solid	Phenanthrene, 1,7-dimethyl-	*	160.000	J		
P2659-19	BHC40	Solid	Phenanthrene, 1-methyl-	*	900.000	J		
P2659-19	BHC40	Solid	Phenanthrene, 2,5-dimethyl-	*	370.000	J		
P2659-19	BHC40	Solid	Phenanthrene, 2-methyl-	*	400.000	J		
P2659-19	BHC40	Solid	Phenanthrene, 3,6-dimethyl-	*	130.000	J		
P2659-19	BHC40	Solid	Phenanthrene, 4-methyl-	*	290.000	J		
P2659-19	BHC40	Solid	Propylene Glycol	*	130.000	J		
P2659-19	BHC40	Solid	Pyrene, 1-methyl-	*	170.000	J		
P2659-19	BHC40	Solid	Pyrene, 4-methyl-	*	130.000	J		
P2659-19	BHC40	Solid	unknown-01	*	120.000	J		
P2659-19	BHC40	Solid	unknown-02	*	110.000	J		
P2659-19	BHC40	Solid	Total Alkanes	*	0.000	63	220	ug/Kg
Total Tics :				7,520.00				

Hit Summary Sheet SW-846

SDG No.: BM061324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2659-19	BHC40	Solid	1-Methylnaphthalene	54.000	J	54	220	ug/Kg
P2659-19	BHC40	Solid	Acenaphthene	64.000	J	54	220	ug/Kg
P2659-19	BHC40	Solid	Acenaphthylene	240.000		57	220	ug/Kg
P2659-19	BHC40	Solid	Acetophenone	58.000	J	50	430	ug/Kg
P2659-19	BHC40	Solid	Anthracene	290.000		57	220	ug/Kg
P2659-19	BHC40	Solid	Benzo(a)anthracene	1,400.000		51	220	ug/Kg
P2659-19	BHC40	Solid	Benzo(a)pyrene	840.000		55	220	ug/Kg
P2659-19	BHC40	Solid	Benzo(b)fluoranthene	1,800.000		55	220	ug/Kg
P2659-19	BHC40	Solid	Benzo(g,h,i)perylene	110.000	J	46	220	ug/Kg
P2659-19	BHC40	Solid	Benzo(k)fluoranthene	570.000		59	220	ug/Kg
P2659-19	BHC40	Solid	Bis(2-ethylhexyl)phthalate	620.000		58	220	ug/Kg
P2659-19	BHC40	Solid	Butylbenzylphthalate	180.000	J	42	220	ug/Kg
P2659-19	BHC40	Solid	Carbazole	130.000	J	59	430	ug/Kg
P2659-19	BHC40	Solid	Chrysene	1,600.000		59	220	ug/Kg
P2659-19	BHC40	Solid	Di-n-butylphthalate	130.000	J	55	220	ug/Kg
P2659-19	BHC40	Solid	Dibenzo(a,h)anthracene	300.000		49	220	ug/Kg
P2659-19	BHC40	Solid	Fluoranthene	3,200.000		58	220	ug/Kg
P2659-19	BHC40	Solid	Fluorene	110.000	J	59	220	ug/Kg
P2659-19	BHC40	Solid	Indeno(1,2,3-cd)pyrene	700.000		49	220	ug/Kg
P2659-19	BHC40	Solid	Naphthalene	56.000	J	45	220	ug/Kg
P2659-19	BHC40	Solid	Phenanthrene	1,800.000		58	220	ug/Kg
P2659-19	BHC40	Solid	Pyrene	2,300.000		58	220	ug/Kg

Total Svoc : 16,552.00

Total Concentration: 24,072.00

Client ID : SP6528

SP6528	SP6528	Water	Total Alkanes	*	0.000	1700	5000	ug/L
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Total Tics : 0.00

Total Concentration: 0.00



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM053124 SAS No.: BM053124 SDG No.: BM053124
Instrument ID: _____ Calibration Date(s): 5/31/2024 : _____
Calibration Time(s): 09:07 _____

LAB FILE ID:		RRFAL1 = BM045789.D		RRFAL2 = BM045790.D		RRFAL3 = BM045791.D		
		RRFAL4 = BM045792.D		RRFAL5 = BM045793.D		RRFAL6 = BM045794.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.574	0.543	0.639	0.554	0.545		0.571	7.0
Benzaldehyde		0.996	0.567	1.012	0.819	0.602	0.799	26.3
Pyridine		1.104	1.449	1.434	1.431	1.403	1.364	10.7
Hexachloroethane	0.597	0.610	0.728	0.644	0.631		0.642	8.0
Nitrobenzene	0.398	0.427	0.500	0.435	0.428		0.438	8.6
Isophorone	0.685	0.732	0.878	0.793	0.779		0.773	9.4
2-Nitrophenol	0.146	0.160	0.195	0.179	0.184		0.173	11.4
2,4-Dimethylphenol	0.327	0.320	0.404	0.354	0.350		0.351	9.4
Bis(2-Chloroethoxy)methane	0.429	0.449	0.530	0.468	0.471		0.469	8.1
2,4-Dichlorophenol	0.264	0.275	0.339	0.302	0.298		0.296	9.9
Naphthalene	1.023	1.032	1.200	1.047	1.030		1.066	7.0
4-Chloroaniline		0.389	0.445	0.414	0.391	0.368	0.401	7.3
Hexachlorobutadiene	0.195	0.192	0.226	0.199	0.201		0.203	6.7
Phenol		1.653	2.020	1.721	1.731	1.686	1.762	8.4
Caprolactam		0.066	0.085	0.092	0.086	0.087	0.083	12.1
4-Chloro-3-methylphenol	0.276	0.302	0.362	0.338	0.326		0.321	10.3
1-Methylnaphthalene	0.670	0.688	0.794	0.701	0.677		0.706	7.2
2-Methylnaphthalene	0.673	0.686	0.789	0.700	0.684		0.706	6.7
Hexachlorocyclopentadiene		0.307	0.380	0.355	0.390	0.386	0.364	9.4
2,4,6-Trichlorophenol	0.277	0.309	0.390	0.372	0.394		0.348	15.1
2,4,5-Trichlorophenol	0.312	0.346	0.419	0.400	0.415		0.378	12.5
1,1-Biphenyl	1.400	1.428	1.663	1.455	1.474		1.484	7.0
2-Chloronaphthalene	1.102	1.123	1.295	1.137	1.157		1.163	6.6
2-Nitroaniline	0.319	0.358	0.443	0.434	0.431		0.397	14.0
Bis(2-Chloroethyl)ether		1.385	1.699	1.440	1.457	1.374	1.471	9.0
Dimethylphthalate	1.301	1.334	1.547	1.457	1.390		1.406	7.0
2,6-Dinitrotoluene	0.223	0.240	0.298	0.295	0.297		0.270	13.3
Acenaphthylene	1.733	1.811	2.080	1.859	1.822		1.861	7.0
3-Nitroaniline		0.217	0.221	0.285	0.262	0.255	0.248	11.6
Acenaphthene	1.166	1.208	1.385	1.237	1.213		1.242	6.8
2,4-Dinitrophenol		0.098	0.090	0.119	0.139	0.171	0.123	26.5
4-Nitrophenol		0.205	0.263	0.271	0.248	0.246	0.247	10.4
Dibenzofuran	1.611	1.652	1.865	1.663	1.582		1.675	6.6
2,4-Dinitrotoluene	0.296	0.339	0.418	0.424	0.395		0.374	14.7
Diethylphthalate	1.250	1.318	1.566	1.500	1.406		1.408	9.2
2-Chlorophenol	1.219	1.284	1.534	1.331	1.318		1.337	8.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM053124 SAS No.: BM053124 SDG No.: BM053124

Instrument ID: _____ Calibration Date(s): 5/31/2024 : _____

Calibration Time(s): 09:07 : _____

LAB FILE ID:		RRFAL1 = BM045789.D		RRFAL2 = BM045790.D		RRFAL3 = BM045791.D		
		RRFAL4 = BM045792.D		RRFAL5 = BM045793.D		RRFAL6 = BM045794.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.288	1.312	1.512	1.371	1.264		1.349	7.4
4-Chlorophenyl-phenylether	0.644	0.651	0.748	0.673	0.632		0.670	6.9
4-Nitroaniline		0.194	0.168	0.253	0.212	0.205	0.206	15.0
4,6-Dinitro-2-methylphenol		0.086	0.117	0.116	0.119	0.122	0.112	13.0
N-Nitrosodiphenylamine	0.534	0.554	0.643	0.551	0.551		0.567	7.6
1,2,4,5-Tetrachlorobenzene	0.559	0.575	0.672	0.585	0.605		0.599	7.4
4-Bromophenyl-phenylether	0.195	0.203	0.234	0.203	0.207		0.209	7.2
Hexachlorobenzene	0.216	0.224	0.261	0.225	0.228		0.231	7.5
Atrazine		0.173	0.178	0.186	0.167	0.155	0.172	6.9
Pentachlorophenol		0.081	0.111	0.123	0.131	0.139	0.117	19.5
2-Methylphenol		1.160	1.446	1.281	1.305	1.259	1.290	8.0
Phenanthrene	0.996	1.024	1.177	1.051	1.021		1.054	6.8
Pentachlorobenzene	0.282	0.286	0.328	0.272	0.282		0.290	7.6
Anthracene	1.000	1.023	1.194	1.040	1.006		1.053	7.6
1,2,3,4-Tetrachlorobenzene	0.292	0.302	0.346	0.288	0.322		0.310	7.7
Carbazole		0.848	1.013	0.929	0.868	0.831	0.898	8.3
Di-n-butylphthalate	0.980	1.062	1.337	1.285	1.243		1.181	12.9
Fluoranthene	1.412	1.472	1.666	1.455	1.535		1.508	6.5
Pyrene	1.477	1.547	1.727	1.479	1.516		1.549	6.7
Butylbenzylphthalate	0.490	0.547	0.696	0.692	0.731		0.631	16.8
3,3-Dichlorobenzidine		0.343	0.407	0.439	0.412	0.375	0.395	9.4
2,2-oxybis (1-Chloropropane)		2.861	3.369	2.871	2.782	2.602	2.897	9.8
Benzo (a) anthracene	1.284	1.312	1.523	1.393	1.393		1.381	6.8
Chrysene	1.204	1.234	1.411	1.270	1.269		1.278	6.2
Bis (2-ethylhexyl) phthalate	0.718	0.815	1.050	1.050	1.057		0.938	17.1
Di-n-octyl phthalate		1.251	1.620	1.587	1.666	1.525	1.530	10.7
Benzo (b) fluoranthene	1.121	1.175	1.363	1.227	1.259		1.229	7.4
Benzo (k) fluoranthene	1.119	1.142	1.319	1.208	1.214		1.201	6.5
Benzo (a) pyrene	0.970	0.995	1.201	1.110	1.123		1.080	8.9
Indeno (1,2,3-cd) pyrene	1.063	1.075	1.291	1.216	1.252		1.179	8.8
Dibenzo (a,h) anthracene	0.832	0.856	1.027	0.961	0.989		0.933	9.1
Benzo (g,h,i) perylene	0.940	0.974	1.141	1.064	1.076		1.039	7.8
Acetophenone		2.121	2.530	2.143	2.055	1.847	2.139	11.6
2,3,4,6-Tetrachlorophenol	0.214	0.254	0.323	0.321	0.316		0.286	17.3
1,4-Dioxane-d8	0.527	0.471	0.574	0.511	0.496		0.516	7.4
Pyridine-d5		1.045	1.440	1.344	1.381	1.431	1.328	12.3

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.: BM053124 SAS No.: BM053124 SDG No.: BM053124
Instrument ID: _____ Calibration Date(s): 5/31/2024 : _____
Calibration Time(s): 09:07 _____

LAB FILE ID:		RRF _{FAL1} = BM045789.D			RRF _{FAL2} = BM045790.D		RRF _{FAL3} = BM045791.D	
		RRF _{FAL4} = BM045792.D			RRF _{FAL5} = BM045793.D		RRF _{FAL6} = BM045794.D	
COMPOUND	RRF _{FAL1}	RRF _{FAL2}	RRF _{FAL3}	RRF _{FAL4}	RRF _{FAL5}	RRF _{FAL6}	RRF	% RSD
Phenol-d5		1.567	1.907	1.667	1.688	1.666	1.699	7.4
Bis-(2-Chloroethyl)ether-d8		1.174	1.415	1.200	1.191	1.120	1.220	9.3
2-Chlorophenol-d4	1.088	1.179	1.476	1.291	1.313		1.269	11.6
4-Methylphenol-d8		1.164	1.450	1.275	1.291	1.239	1.284	8.2
Nitrobenzene-d5	0.142	0.147	0.172	0.159	0.162		0.156	7.7
2-Nitrophenol-d4	0.127	0.139	0.182	0.166	0.177		0.158	15.3
2,4-Dichlorophenol-d3	0.254	0.276	0.336	0.307	0.311		0.297	10.7
4-Chloroaniline-d4		0.393	0.449	0.423	0.403	0.386	0.411	6.2
4-Methylphenol		1.271	1.572	1.344	1.313	1.176	1.335	11.0
Dimethylphthalate-d6	1.269	1.304	1.531	1.427	1.391		1.385	7.5
Acenaphthylene-d8	1.443	1.520	1.797	1.642	1.637		1.608	8.4
4-Nitrophenol-d4		0.244	0.315	0.324	0.307	0.304	0.299	10.5
Fluorene-d10	1.097	1.150	1.306	1.203	1.150		1.181	6.7
4,6-Dinitro-2-methylphenol-		0.073	0.101	0.107	0.113	0.117	0.102	17.2
Anthracene-d10	0.798	0.832	0.978	0.880	0.859		0.869	7.8
Pyrene-d10	1.158	1.201	1.375	1.219	1.266		1.244	6.6
Benzo(a)pyrene-d12	0.797	0.866	1.049	0.975	0.988		0.935	10.9
N-Nitroso-di-n-propylamine	1.078	1.152	1.369	1.183	1.129		1.182	9.4

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.: BM061324 SAS No.: BM061324 SDG NO.: BM061324

EPA Sample No.: SSTD020036 Date Analyzed: Jun 12 2024 12:00AM

Lab File ID: BM045791.D Time Analyzed: 19:20

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	224754	7.469	951354	10.23	577583	14.11
	UPPER LIMIT	449508	7.969	1902708	10.734	1155166	14.61
	LOWER LIMIT	112377	6.969	475677	9.734	288791.5	13.61
	EPA SAMPLE NO.						
01	SBLK309	123015	7.43	543148	10.20	366002	14.08
02	BHC24	118084	7.43	515496	10.20	340331	14.08
03	BHC25	146408	7.43	626082	10.20	400366	14.08
04	BHC26	162947	7.43	689487	10.20	434633	14.08
05	BHC31	151115	7.43	644302	10.20	400560	14.08
06	BHC32	135129	7.43	579857	10.20	358014	14.08
07	BHC34	142663	7.43	602411	10.20	378697	14.08
08	BHC35	151572	7.43	636471	10.20	397108	14.08
09	BHC39	156164	7.43	644813	10.20	394302	14.08
10	BHC40	198636	7.43	830215	10.20	501294	14.07
11	BHC27	195344	7.43	822348	10.20	515207	14.08
12	SLCS309	176673	7.43	762975	10.19	479301	14.07
13	SP6528	159217	7.43	679597	10.20	422359	14.08
14	SBLK272	83208 *	7.43	316117 *	10.20	203760 *	14.08
15	BHBZ8	78934 *	7.43	320674 *	10.20	206032 *	14.08
16	BHC50	106080 *	7.43	438969 *	10.20	285319 *	14.08
17	BHBZ8	130766	7.43	533634	10.20	325985	14.08
18	BHBW1	116473	7.43	465558 *	10.20	282003 *	14.08
19	BHBW2	123279	7.43	500153	10.20	305502	14.08
20	BHBT7	120257	7.43	496450	10.20	300203	14.08
21	BHBT8	117507	7.43	484682	10.20	295415	14.08
22	BHC44	129571	7.43	519339	10.20	313279	14.08
23	BHC51	131789	7.43	536397	10.20	323438	14.08



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG NO.: BM061324

EPA Sample No.: SSTD020036 Date Analyzed: Jun 13 2024 12:00AM

Lab File ID: BM045791.D Time Analyzed: 18:36

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	224754	7.469	951354	10.23	577583	14.11
UPPER LIMIT	449508	7.969	1902708	10.734	1155166	14.61
LOWER LIMIT	112377	6.969	475677	9.734	288791.5	13.61
EPA SAMPLE NO.						
24 BHC50DL	122909	7.43	506797	10.20	307610	14.08

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.: BM061324 SAS No.: BM061324 SDG NO.: BM061324

EPA Sample No.: SSTD020118 Date Analyzed: Jun 12 2024 12:00AM

Lab File ID: BM046002.D Time Analyzed: 19:20

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	104148	7.434	471648	10.20	314737	14.07
UPPER LIMIT	208296	7.934	943296	10.698	629474	14.574
LOWER LIMIT	52074	6.934	235824	9.698	157368.5	13.574
EPA SAMPLE NO.						
01 SBLK309	123015	7.43	543148	10.20	366002	14.08
02 BHC24	118084	7.43	515496	10.20	340331	14.08
03 BHC25	146408	7.43	626082	10.20	400366	14.08
04 BHC26	162947	7.43	689487	10.20	434633	14.08
05 BHC31	151115	7.43	644302	10.20	400560	14.08
06 BHC32	135129	7.43	579857	10.20	358014	14.08
07 BHC34	142663	7.43	602411	10.20	378697	14.08
08 BHC35	151572	7.43	636471	10.20	397108	14.08
09 BHC39	156164	7.43	644813	10.20	394302	14.08
10 BHC40	198636	7.43	830215	10.20	501294	14.07
11 BHC27	195344	7.43	822348	10.20	515207	14.08
12 SLCS309	176673	7.43	762975	10.19	479301	14.07
13 SP6528	159217	7.43	679597	10.20	422359	14.08

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.: BM061324 SAS No.: BM061324 SDG NO.: BM061324

EPA Sample No.: SSTD020120 Date Analyzed: Jun 13 2024 12:00AM

Lab File ID: BM046018.D Time Analyzed: 12:01

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	109812	7.434	431466	10.19	274116	14.07
UPPER LIMIT	219624	7.934	862932	10.692	548232	14.574
LOWER LIMIT	54906	6.934	215733	9.692	137058	13.574
EPA SAMPLE NO.						
01 SBLK272	83208	7.43	316117	10.20	203760	14.08
02 BHBZ8	78934	7.43	320674	10.20	206032	14.08
03 BHC50	106080	7.43	438969	10.20	285319	14.08
04 BHBZ8	130766	7.43	533634	10.20	325985	14.08
05 BHBW1	116473	7.43	465558	10.20	282003	14.08
06 BHBW2	123279	7.43	500153	10.20	305502	14.08
07 BHBT7	120257	7.43	496450	10.20	300203	14.08
08 BHBT8	117507	7.43	484682	10.20	295415	14.08
09 BHC44	129571	7.43	519339	10.20	313279	14.08
10 BHC51	131789	7.43	536397	10.20	323438	14.08
11 BHC50DL	122909	7.43	506797	10.20	307610	14.08

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.: BM061324 SAS No.: BM061324 SDG NO.: BM061324

EPA Sample No.: SSTD020036 Date Analyzed: Jun 12 2024 12:00AM

Lab File ID: BM045791.D Time Analyzed: 19:20

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.08015e+0	16.857	828447	21.068	872879	23.791
	UPPER LIMIT	2160300	17.357	1656894	21.568	1745758	24.291
	LOWER LIMIT	540075	16.357	414223.5	20.568	436439.5	23.291
	EPA SAMPLE NO.						
01	SBLK309	804606	16.83	775337	21.04	822186	23.74
02	BHC24	773922	16.82	704650	21.04	689618	23.74
03	BHC25	839994	16.82	690864	21.05	660147	23.74
04	BHC26	905311	16.82	715283	21.04	688425	23.74
05	BHC31	846132	16.82	723082	21.04	696142	23.74
06	BHC32	748518	16.82	570996	21.04	553630	23.74
07	BHC34	787088	16.82	619963	21.04	613111	23.74
08	BHC35	819337	16.83	646572	21.04	636680	23.74
09	BHC39	811707	16.83	596439	21.04	603740	23.74
10	BHC40	947800	16.82	639154	21.04	743567	23.74
11	BHC27	1.05869	16.82	793411	21.04	791758	23.74
12	SLCS309	970384	16.83	655834	21.04	705370	23.74
13	SP6528	864839	16.83	633113	21.04	652730	23.74
14	SBLK272	458886 *	16.83	492639	21.04	593086	23.74
15	BHBZ8	445819 *	16.83	479961	21.04	594878	23.74
16	BHC50	617955	16.82	621319	21.04	707210	23.74
17	BHBZ8	663477	16.82	632228	21.04	709927	23.76
18	BHBW1	567711	16.83	535886	21.05	626393	23.75
19	BHBW2	605286	16.83	581255	21.05	669591	23.75
20	BHBT7	600423	16.83	567752	21.05	657312	23.75
21	BHBT8	590858	16.83	557341	21.05	640879	23.75

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM061324 SAS No.: BM061324 SDG NO.: BM061324

EPA Sample No.: SSTD020036 Date Analyzed: Jun 13 2024 12:00AM

Lab File ID: BM045791.D Time Analyzed: 17:16

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.08015e+04	16.857	828447	21.068	872879	23.791
UPPER LIMIT	2160300	17.357	1656894	21.568	1745758	24.291
LOWER LIMIT	540075	16.357	414223.5	20.568	436439.5	23.291
EPA SAMPLE NO.						
22 BHC44	625366	16.83	589790	21.04	675999	23.75
23 BHC51	647829	16.83	615356	21.05	699741	23.75
24 BHC50DL	611910	16.83	582324	21.04	686100	23.75

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.: BM061324 SAS No.: BM061324 SDG NO.: BM061324

EPA Sample No.: SSTD020118 Date Analyzed: Jun 12 2024 12:00AM

Lab File ID: BM046002.D Time Analyzed: 19:20

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	687689	16.827	691111	21.039	706064	23.738
UPPER LIMIT	1375378	17.327	1382222	21.539	1412128	24.238
LOWER LIMIT	343844.5	16.327	345555.5	20.539	353032	23.238
EPA SAMPLE NO.						
01 SBLK309	804606	16.83	775337	21.04	822186	23.74
02 BHC24	773922	16.82	704650	21.04	689618	23.74
03 BHC25	839994	16.82	690864	21.05	660147	23.74
04 BHC26	905311	16.82	715283	21.04	688425	23.74
05 BHC31	846132	16.82	723082	21.04	696142	23.74
06 BHC32	748518	16.82	570996	21.04	553630	23.74
07 BHC34	787088	16.82	619963	21.04	613111	23.74
08 BHC35	819337	16.83	646572	21.04	636680	23.74
09 BHC39	811707	16.83	596439	21.04	603740	23.74
10 BHC40	947800	16.82	639154	21.04	743567	23.74
11 BHC27	1.05869	16.82	793411	21.04	791758	23.74
12 SLCS309	970384	16.83	655834	21.04	705370	23.74
13 SP6528	864839	16.83	633113	21.04	652730	23.74

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.: BM061324 SAS No.: BM061324 SDG NO.: BM061324

EPA Sample No.: SSTD020120 Date Analyzed: Jun 13 2024 12:00AM

Lab File ID: BM046018.D Time Analyzed: 12:01

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	585904	16.821	614215	21.039	735828	23.738
UPPER LIMIT	1171808	17.321	1228430	21.539	1471656	24.238
LOWER LIMIT	292952	16.321	307107.5	20.539	367914	23.238
EPA SAMPLE NO.						
01 SBLK272	458886	16.83	492639	21.04	593086	23.74
02 BHBZ8	445819	16.83	479961	21.04	594878	23.74
03 BHC50	617955	16.82	621319	21.04	707210	23.74
04 BHBZ8	663477	16.82	632228	21.04	709927	23.76
05 BHBW1	567711	16.83	535886	21.05	626393	23.75
06 BHBW2	605286	16.83	581255	21.05	669591	23.75
07 BHBT7	600423	16.83	567752	21.05	657312	23.75
08 BHBT8	590858	16.83	557341	21.05	640879	23.75
09 BHC44	625366	16.83	589790	21.04	675999	23.75
10 BHC51	647829	16.83	615356	21.05	699741	23.75
11 BHC50DL	611910	16.83	582324	21.04	686100	23.75

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM061324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161309BS	1,4-Dioxane	530	400	ug/Kg	75				0	0		
	Benzaldehyde	1300	1600	ug/Kg	123				0	0		
	Pyridine	1300	1200	ug/Kg	92				0	0		
	Phenol	1300	1300	ug/Kg	100				0	0		
	Bis(2-chloroethyl)ether	1300	1100	ug/Kg	85				0	0		
	2-Chlorophenol	1300	1300	ug/Kg	100				0	0		
	2-Methylphenol	1300	1300	ug/Kg	100				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1300	ug/Kg	100				0	0		
	Acetophenone	1300	1300	ug/Kg	100				0	0		
	4-Methylphenol	1300	1400	ug/Kg	108				0	0		
	N-Nitroso-di-n-propylamine	1300	1300	ug/Kg	100				0	0		
	Hexachloroethane	1300	1200	ug/Kg	92				0	0		
	Nitrobenzene	1300	1200	ug/Kg	92				0	0		
	Isophorone	1300	1300	ug/Kg	100				0	0		
	2-Nitrophenol	1300	1300	ug/Kg	100				0	0		
	2,4-Dimethylphenol	1300	1000	ug/Kg	77				0	0		
	Bis(2-chloroethoxy)methane	1300	1100	ug/Kg	85				0	0		
	2,4-Dichlorophenol	1300	1300	ug/Kg	100				0	0		
	Naphthalene	1300	1200	ug/Kg	92				0	0		
	4-Chloroaniline	1300	1100	ug/Kg	85				0	0		
	Hexachlorobutadiene	1300	1200	ug/Kg	92				0	0		
	Caprolactam	1300	1600	ug/Kg	123				0	0		
	4-Chloro-3-methylphenol	1300	1400	ug/Kg	108				0	0		
	1-Methylnaphthalene	1300	1200	ug/Kg	92				0	0		
	2-Methylnaphthalene	1300	1200	ug/Kg	92				0	0		
	Hexachlorocyclopentadiene	1300	650	ug/Kg	50				0	0		
	2,4,6-Trichlorophenol	1300	1400	ug/Kg	108				0	0		
	2,4,5-Trichlorophenol	1300	1400	ug/Kg	108				0	0		
	1,1'-Biphenyl	1300	1200	ug/Kg	92				0	0		
	2-Chloronaphthalene	1300	1200	ug/Kg	92				0	0		
	2-Nitroaniline	1300	1500	ug/Kg	115				0	0		
	Dimethylphthalate	1300	1200	ug/Kg	92				0	0		
	2,6-Dinitrotoluene	1300	1400	ug/Kg	108				0	0		
	Acenaphthylene	1300	1200	ug/Kg	92				0	0		
	3-Nitroaniline	1300	1600	ug/Kg	123				0	0		
	Acenaphthene	1300	1200	ug/Kg	92				0	0		
	2,4-Dinitrophenol	1300	1500	ug/Kg	115				0	0		
	4-Nitrophenol	1300	1600	ug/Kg	123				0	0		
	Dibenzofuran	1300	1300	ug/Kg	100				0	0		
	2,4-Dinitrotoluene	1300	1500	ug/Kg	115				0	0		
	Diethylphthalate	1300	1300	ug/Kg	100				0	0		
	Fluorene	1300	1300	ug/Kg	100				0	0		
	4-Chlorophenyl-phenylether	1300	1200	ug/Kg	92				0	0		
	4-Nitroaniline	1300	1900	ug/Kg	146				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM061324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161309BS	4,6-Dinitro-2-methylphenol	1300	1300	ug/Kg	100				0	0		
	N-Nitrosodiphenylamine	1300	1200	ug/Kg	92				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0		
	4-Bromophenyl-phenylether	1300	1200	ug/Kg	92				0	0		
	Hexachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Atrazine	1300	1200	ug/Kg	92				0	0		
	Pentachlorophenol	1300	1400	ug/Kg	108				0	0		
	Phenanthrene	1300	1200	ug/Kg	92				0	0		
	Pentachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Anthracene	1300	1200	ug/Kg	92				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Carbazole	1300	1300	ug/Kg	100				0	0		
	Di-n-butylphthalate	1300	1300	ug/Kg	100				0	0		
	Fluoranthene	1300	1300	ug/Kg	100				0	0		
	Pyrene	1300	1300	ug/Kg	100				0	0		
	Butylbenzylphthalate	1300	1500	ug/Kg	115				0	0		
	3,3'-Dichlorobenzidine	1300	1300	ug/Kg	100				0	0		
	Benzo(a)anthracene	1300	1200	ug/Kg	92				0	0		
	Chrysene	1300	1200	ug/Kg	92				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1400	ug/Kg	108				0	0		
	Di-n-octylphthalate	1300	1300	ug/Kg	100				0	0		
	Benzo(b)fluoranthene	1300	1200	ug/Kg	92				0	0		
	Benzo(k)fluoranthene	1300	1200	ug/Kg	92				0	0		
	Benzo(a)pyrene	1300	1100	ug/Kg	85				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1500	ug/Kg	115				0	0		
	Dibenzo(a,h)anthracene	1300	1500	ug/Kg	115				0	0		
	Benzo(g,h,i)perylene	1300	1300	ug/Kg	100				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1500	ug/Kg	115				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP6528

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM061324

SAS No.: BM061324 SDG NO.: BM061324

Lab File ID: BM046015.D

Lab Sample ID: SP6528

Instrument ID: BNA_M

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 06/13/2024

Level: (low/med) LOW

Time Analyzed: 03:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP6528	SP6528	BM046015.D	06/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK272

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM061324

SAS No.: BM061324 SDG NO.: BM061324

Lab File ID: BM046019.D

Lab Sample ID: PB161272BL

Instrument ID: BNA_M

Date Extracted: 06/03/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/13/2024

Level: (low/med) LOW

Time Analyzed: 12:01

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHBW2	P2648-08	BM046024.D	06/13/2024
BHBT7	P2648-01	BM046025.D	06/13/2024
BHBT8	P2648-02	BM046026.D	06/13/2024
BHC44	P2648-13	BM046027.D	06/13/2024
BHC51	P2648-19	BM046028.D	06/13/2024
BHBZ8	P2648-09	BM046020.D	06/13/2024
BHC50	P2648-18	BM046021.D	06/13/2024
BHBZ8	P2648-09	BM046022.D	06/13/2024
BHBW1	P2648-07	BM046023.D	06/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK309

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM061324

SAS No.: BM061324 SDG NO.: BM061324

Lab File ID: BM046003.D

Lab Sample ID: PB161309BL

Instrument ID: BNA_M

Date Extracted: 06/04/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/12/2024

Level: (low/med) LOW

Time Analyzed: 19:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHC24	P2659-01	BM046004.D	06/12/2024
BHC25	P2659-02	BM046005.D	06/12/2024
BHC26	P2659-03	BM046006.D	06/12/2024
BHC31	P2659-10	BM046007.D	06/12/2024
BHC32	P2659-11	BM046008.D	06/12/2024
BHC34	P2659-13	BM046009.D	06/12/2024
BHC35	P2659-14	BM046010.D	06/12/2024
BHC39	P2659-18	BM046011.D	06/13/2024
BHC27	P2659-06	BM046013.D	06/13/2024
BHC40	P2659-19	BM046012.D	06/13/2024
PB161309BS	PB161309BS	BM046014.D	06/13/2024

COMMENTS: _____



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

Surrogate Summary

SW-846

SDG No.: BM061324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SP6528	SP6528	BM046015.D	1,4-Dioxane-d8	8	14,050.00	175625	*	15	120
			Pyridine-d5	40	87,937.00	219843	*	20	120
			Phenol-d5	40	87,891.00	219727	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	85,581.00	213952	*	25	120
			2-Chlorophenol-d4	40	91,698.00	229245	*	20	130
			4-Methylphenol-d8	40	92,271.00	230677	*	25	125
			Nitrobenzene-d5	40	90,054.00	225135	*	20	125
			2-Nitrophenol-d4	40	98,393.00	245982	*	20	130
			2,4-Dichlorophenol-d3	40	87,505.00	218763	*	20	120
			4-Chloroaniline-d4	40	91,878.00	229695	*	1	146
			Dimethylphthalate-d6	40	86,981.00	217452	*	25	130
			Acenaphthylene-d8	40	89,197.00	222993	*	10	130
			4-Nitrophenol-d4	40	74,556.00	186390	*	10	150
			Fluorene-d10	40	87,928.00	219820	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	83,164.00	207910	*	10	130
			Anthracene-d10	40	90,117.00	225293	*	25	130
			Pyrene-d10	40	90,939.00	227348	*	15	130
			Benzo(a)pyrene-d12	40	89,440.00	223600	*	20	130

Surrogate Summary

SW-846

SDG No.: BM061324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2648-01	BHBT7	BM046025.D	1,4-Dioxane-d8	8	3.70	46		15	120
			Pyridine-d5	40	1.82	5	*	20	120
			Phenol-d5	40	23.36	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.56	59		10	150
			2-Chlorophenol-d4	40	25.27	63		15	120
			4-Methylphenol-d8	40	24.13	60		10	140
			Nitrobenzene-d5	40	24.65	62		10	135
			2-Nitrophenol-d4	40	26.17	65		10	120
			2,4-Dichlorophenol-d3	40	23.90	60		10	140
			4-Chloroaniline-d4	40	12.81	32		1	145
			Dimethylphthalate-d6	40	25.74	64		10	145
			Acenaphthylene-d8	40	25.61	64		15	120
			4-Nitrophenol-d4	40	16.99	42		10	150
			Fluorene-d10	40	26.07	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.13	38		10	130
			Anthracene-d10	40	25.98	65		10	150
			Pyrene-d10	40	20.14	50		10	130
			Benzo(a)pyrene-d12	40	18.82	47		10	140
P2648-02	BHBT8	BM046026.D	1,4-Dioxane-d8	8	3.25	41		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	22.77	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.57	59		10	150
			2-Chlorophenol-d4	40	24.86	62		15	120
			4-Methylphenol-d8	40	23.04	58		10	140
			Nitrobenzene-d5	40	25.27	63		10	135
			2-Nitrophenol-d4	40	26.50	66		10	120
			2,4-Dichlorophenol-d3	40	24.07	60		10	140
			4-Chloroaniline-d4	40	12.12	30		1	145
			Dimethylphthalate-d6	40	26.37	66		10	145
			Acenaphthylene-d8	40	25.95	65		15	120
			4-Nitrophenol-d4	40	13.85	35		10	150
			Fluorene-d10	40	26.08	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.22	38		10	130
			Anthracene-d10	40	27.12	68		10	150
			Pyrene-d10	40	21.38	53		10	130
			Benzo(a)pyrene-d12	40	19.53	49		10	140
P2648-07	BHBW1	BM046023.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	1.85	23		15	120
			Phenol-d5	40	9.34	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.24	38		10	150
			2-Chlorophenol-d4	40	13.46	34		15	120
			4-Methylphenol-d8	40	7.57	19		10	140
			Nitrobenzene-d5	40	15.82	40		10	135
			2-Nitrophenol-d4	40	14.30	36		10	120
			2,4-Dichlorophenol-d3	40	12.61	32		10	140
			4-Chloroaniline-d4	40	1.35	3		1	145
			Dimethylphthalate-d6	40	16.44	41		10	145
			Acenaphthylene-d8	40	16.68	42		15	120
			4-Nitrophenol-d4	40	1.67	4	*	10	150

Surrogate Summary

SW-846

SDG No.: BM061324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2648-07	BHBW1	BM046023.D	Fluorene-d10	40	16.89	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.32	16		10	130
			Anthracene-d10	40	16.52	41		10	150
			Pyrene-d10	40	13.17	33		10	130
			Benzo(a)pyrene-d12	40	11.54	29		10	140
P2648-08	BHBW2	BM046024.D	1,4-Dioxane-d8	8	3.95	49		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	24.86	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.81	62		10	150
			2-Chlorophenol-d4	40	27.01	68		15	120
			4-Methylphenol-d8	40	24.29	61		10	140
			Nitrobenzene-d5	40	26.60	67		10	135
			2-Nitrophenol-d4	40	28.88	72		10	120
			2,4-Dichlorophenol-d3	40	26.09	65		10	140
			4-Chloroaniline-d4	40	9.14	23		1	145
			Dimethylphthalate-d6	40	27.19	68		10	145
			Acenaphthylene-d8	40	27.06	68		15	120
			4-Nitrophenol-d4	40	14.98	37		10	150
			Fluorene-d10	40	27.66	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.86	42		10	130
			Anthracene-d10	40	27.92	70		10	150
			Pyrene-d10	40	20.91	52		10	130
			Benzo(a)pyrene-d12	40	18.66	47		10	140
P2648-09	BHBZ8	BM046022.D	Pyridine-d5	40	3.80	10	*	20	120
			1,4-Dioxane-d8	8	3.22	40		15	120
		BM046020.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
		BM046022.D	Phenol-d5	40	18.00	45		10	130
			Phenol-d5	40	21.74	54		10	130
		BM046020.D	Bis(2-Chloroethyl)ether-d8	40	20.27	51		10	150
			Bis(2-Chloroethyl)ether-d8	40	15.12	38		10	150
		BM046022.D	2-Chlorophenol-d4	40	20.52	51		15	120
			2-Chlorophenol-d4	40	23.28	58		15	120
		BM046020.D	4-Methylphenol-d8	40	22.65	57		10	140
			4-Methylphenol-d8	40	18.92	47		10	140
		BM046022.D	Nitrobenzene-d5	40	19.86	50		10	135
			Nitrobenzene-d5	40	22.36	56		10	135
		BM046020.D	2-Nitrophenol-d4	40	23.13	58		10	120
			2-Nitrophenol-d4	40	15.98	40		10	120
		BM046022.D	2,4-Dichlorophenol-d3	40	15.52	39		10	140
			2,4-Dichlorophenol-d3	40	22.71	57		10	140
		BM046020.D	4-Chloroaniline-d4	40	1.52	4		1	145
			4-Chloroaniline-d4	40	0.00	0	*	1	145
		BM046022.D	Dimethylphthalate-d6	40	24.72	62		10	145
			Dimethylphthalate-d6	40	24.30	61		10	145
		BM046020.D	Acenaphthylene-d8	40	23.53	59		15	120
			Acenaphthylene-d8	40	23.24	58		15	120
		BM046022.D	4-Nitrophenol-d4	40	6.58	16		10	150
			4-Nitrophenol-d4	40	14.10	35		10	150

Surrogate Summary

SW-846

SDG No.: BM061324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)			
								Low	High		
P2648-09	BHBZ8	BM046022.D	Fluorene-d10	40	24.28	61		20	140		
		BM046020.D	Fluorene-d10	40	23.66	59		20	140		
			4,6-Dinitro-2-methylphenol-d2	40	11.90	30		10	130		
		BM046022.D	4,6-Dinitro-2-methylphenol-d2	40	17.72	44		10	130		
			Anthracene-d10	40	24.19	60		10	150		
		BM046020.D	Anthracene-d10	40	28.60	72		10	150		
			Pyrene-d10	40	18.24	46		10	130		
		BM046022.D	Pyrene-d10	40	17.70	44		10	130		
			Benzo(a)pyrene-d12	40	16.37	41		10	140		
		BM046020.D	Benzo(a)pyrene-d12	40	19.26	48		10	140		
P2648-13	BHC44	BM046027.D	1,4-Dioxane-d8	8	3.99	50		15	120		
			Pyridine-d5	40	3.81	10	*	20	120		
			Phenol-d5	40	26.05	65		10	130		
			Bis(2-Chloroethyl)ether-d8	40	26.52	66		10	150		
			2-Chlorophenol-d4	40	28.39	71		15	120		
			4-Methylphenol-d8	40	25.85	65		10	140		
			Nitrobenzene-d5	40	28.21	71		10	135		
			2-Nitrophenol-d4	40	30.13	75		10	120		
			2,4-Dichlorophenol-d3	40	28.27	71		10	140		
			4-Chloroaniline-d4	40	13.07	33		1	145		
			Dimethylphthalate-d6	40	28.44	71		10	145		
			Acenaphthylene-d8	40	28.80	72		15	120		
			4-Nitrophenol-d4	40	17.87	45		10	150		
			Fluorene-d10	40	28.13	70		20	140		
			4,6-Dinitro-2-methylphenol-d2	40	15.95	40		10	130		
			Anthracene-d10	40	28.84	72		10	150		
			Pyrene-d10	40	22.48	56		10	130		
			Benzo(a)pyrene-d12	40	20.41	51		10	140		
		P2648-18	BHC50	BM046021.D	1,4-Dioxane-d8	8	2.97	37		15	120
					Pyridine-d5	40	4.89	12	*	20	120
					Phenol-d5	40	20.32	51		10	130
					Bis(2-Chloroethyl)ether-d8	40	20.47	51		10	150
					2-Chlorophenol-d4	40	21.27	53		15	120
	4-Methylphenol-d8			40	19.91	50		10	140		
	Nitrobenzene-d5			40	20.27	51		10	135		
	2-Nitrophenol-d4			40	22.05	55		10	120		
	2,4-Dichlorophenol-d3			40	21.50	54		10	140		
	4-Chloroaniline-d4			40	10.09	25		1	145		
	Dimethylphthalate-d6			40	23.98	60		10	145		
	Acenaphthylene-d8			40	23.39	58		15	120		
	4-Nitrophenol-d4			40	13.41	34		10	150		
	Fluorene-d10			40	24.47	61		20	140		
	4,6-Dinitro-2-methylphenol-d2			40	19.28	48		10	130		
	Anthracene-d10			40	24.57	61		10	150		
	Pyrene-d10			40	19.02	48		10	130		
	Benzo(a)pyrene-d12			40	18.22	46		10	140		
P2648-18DL	BHC50DL			BM046029.D	1,4-Dioxane-d8	8	3.48	43		15	120
					Pyridine-d5	40	0.00	0	*	20	120
					Phenol-d5	40	21.36	53		10	130

Surrogate Summary

SW-846

SDG No.: BM061324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2648-18DL	BHC50DL	BM046029.D	Bis(2-Chloroethyl)ether-d8	40	21.95	55		10	150
			2-Chlorophenol-d4	40	23.67	59		15	120
			4-Methylphenol-d8	40	20.47	51		10	140
			Nitrobenzene-d5	40	23.54	59		10	135
			2-Nitrophenol-d4	40	22.70	57		10	120
			2,4-Dichlorophenol-d3	40	22.23	56		10	140
			4-Chloroaniline-d4	40	9.56	24		1	145
			Dimethylphthalate-d6	40	26.36	66		10	145
			Acenaphthylene-d8	40	25.38	63		15	120
			4-Nitrophenol-d4	40	10.86	27		10	150
			Fluorene-d10	40	26.09	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.11	25		10	130
			Anthracene-d10	40	27.60	69		10	150
			Pyrene-d10	40	21.51	54		10	130
			Benzo(a)pyrene-d12	40	20.53	51		10	140
P2648-19	BHC51	BM046028.D	Pyridine-d5	40	2.42	6	*	20	120
			1,4-Dioxane-d8	8	2.98	37		15	120
			Phenol-d5	40	19.49	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.12	50		10	150
			2-Chlorophenol-d4	40	20.78	52		15	120
			4-Methylphenol-d8	40	19.09	48		10	140
			Nitrobenzene-d5	40	21.11	53		10	135
			2-Nitrophenol-d4	40	22.98	57		10	120
			2,4-Dichlorophenol-d3	40	21.30	53		10	140
			4-Chloroaniline-d4	40	8.83	22		1	145
			Dimethylphthalate-d6	40	24.07	60		10	145
			Acenaphthylene-d8	40	23.22	58		15	120
			4-Nitrophenol-d4	40	14.55	36		10	150
			Fluorene-d10	40	23.52	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.63	32		10	130
			Anthracene-d10	40	24.27	61		10	150
			Pyrene-d10	40	18.92	47		10	130
PB161272BL	PB161272BL	BM046019.D	Benzo(a)pyrene-d12	40	17.88	45		10	140
			Pyridine-d5	40	27.61	69		20	120
			1,4-Dioxane-d8	8	5.45	68		15	120
			Phenol-d5	40	27.12	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.74	72		10	150
			2-Chlorophenol-d4	40	29.93	75		15	120
			4-Methylphenol-d8	40	27.83	70		10	140
			Nitrobenzene-d5	40	29.62	74		10	135
			2-Nitrophenol-d4	40	30.49	76		10	120
			2,4-Dichlorophenol-d3	40	27.67	69		10	140
			4-Chloroaniline-d4	40	29.80	74		1	145
			Dimethylphthalate-d6	40	32.73	82		10	145
			Acenaphthylene-d8	40	29.23	73		15	120
			4-Nitrophenol-d4	40	23.81	60		10	150
			Fluorene-d10	40	30.62	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.30	63		10	130
			Anthracene-d10	40	30.15	75		10	150



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: BM061324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161272BL	PB161272BL	BM046019.D	Pyrene-d10	40	24.15	60		10	130
			Benzo(a)pyrene-d12	40	30.47	76		10	140

Surrogate Summary

SW-846

SDG No.: BM061324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2659-01	BHC24	BM046004.D	1,4-Dioxane-d8	8	3.21	40		15	120
			Pyridine-d5	40	5.16	13	*	20	120
			Phenol-d5	40	24.11	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.87	60		10	150
			2-Chlorophenol-d4	40	24.69	62		15	120
			4-Methylphenol-d8	40	24.77	62		10	140
			Nitrobenzene-d5	40	23.32	58		10	135
			2-Nitrophenol-d4	40	23.03	58		10	120
			2,4-Dichlorophenol-d3	40	23.70	59		10	140
			4-Chloroaniline-d4	40	6.97	17		1	145
			Dimethylphthalate-d6	40	24.67	62		10	145
			Acenaphthylene-d8	40	24.94	62		15	120
			4-Nitrophenol-d4	40	13.48	34		10	150
			Fluorene-d10	40	26.21	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.25	38		10	130
			Anthracene-d10	40	25.99	65		10	150
			Pyrene-d10	40	23.09	58		10	130
			Benzo(a)pyrene-d12	40	18.61	47		10	140
P2659-02	BHC25	BM046005.D	1,4-Dioxane-d8	8	3.92	49		15	120
			Pyridine-d5	40	7.93	20		20	120
			Phenol-d5	40	25.07	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.72	62		10	150
			2-Chlorophenol-d4	40	26.46	66		15	120
			4-Methylphenol-d8	40	24.45	61		10	140
			Nitrobenzene-d5	40	25.48	64		10	135
			2-Nitrophenol-d4	40	26.45	66		10	120
			2,4-Dichlorophenol-d3	40	25.56	64		10	140
			4-Chloroaniline-d4	40	9.59	24		1	145
			Dimethylphthalate-d6	40	26.01	65		10	145
			Acenaphthylene-d8	40	26.11	65		15	120
			4-Nitrophenol-d4	40	15.00	37		10	150
			Fluorene-d10	40	26.66	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.63	39		10	130
			Anthracene-d10	40	27.14	68		10	150
			Pyrene-d10	40	24.37	61		10	130
			Benzo(a)pyrene-d12	40	19.31	48		10	140
P2659-03	BHC26	BM046006.D	1,4-Dioxane-d8	8	2.97	37		15	120
			Pyridine-d5	40	6.13	15	*	20	120
			Phenol-d5	40	21.73	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.04	53		10	150
			2-Chlorophenol-d4	40	22.75	57		15	120
			4-Methylphenol-d8	40	20.47	51		10	140
			Nitrobenzene-d5	40	22.02	55		10	135
			2-Nitrophenol-d4	40	23.43	59		10	120
			2,4-Dichlorophenol-d3	40	21.84	55		10	140
			4-Chloroaniline-d4	40	7.93	20		1	145
			Dimethylphthalate-d6	40	22.75	57		10	145
			Acenaphthylene-d8	40	22.69	57		15	120
			4-Nitrophenol-d4	40	13.60	34		10	150

Surrogate Summary

SW-846

SDG No.: **BM061324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2659-03	BHC26	BM046006.D	Fluorene-d10	40	23.15	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.55	31		10	130
			Anthracene-d10	40	23.18	58		10	150
			Pyrene-d10	40	21.51	54		10	130
			Benzo(a)pyrene-d12	40	16.67	42		10	140
P2659-06	BHC27	BM046013.D	1,4-Dioxane-d8	8	3.28	41		15	120
			Pyridine-d5	40	3.43	9	*	20	120
			Phenol-d5	40	21.67	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.78	54		10	150
			2-Chlorophenol-d4	40	22.98	57		15	120
			4-Methylphenol-d8	40	20.31	51		10	140
			Nitrobenzene-d5	40	23.06	58		10	135
			2-Nitrophenol-d4	40	24.47	61		10	120
			2,4-Dichlorophenol-d3	40	22.23	56		10	140
			4-Chloroaniline-d4	40	9.78	24		1	145
			Dimethylphthalate-d6	40	22.96	57		10	145
			Acenaphthylene-d8	40	22.87	57		15	120
			4-Nitrophenol-d4	40	13.43	34		10	150
			Fluorene-d10	40	23.27	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.50	36		10	130
			Anthracene-d10	40	22.68	57		10	150
			Pyrene-d10	40	21.73	54		10	130
			Benzo(a)pyrene-d12	40	16.90	42		10	140
P2659-10	BHC31	BM046007.D	1,4-Dioxane-d8	8	3.31	41		15	120
			Pyridine-d5	40	5.17	13	*	20	120
			Phenol-d5	40	22.44	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.46	59		10	150
			2-Chlorophenol-d4	40	24.63	62		15	120
			4-Methylphenol-d8	40	19.71	49		10	140
			Nitrobenzene-d5	40	23.90	60		10	135
			2-Nitrophenol-d4	40	25.29	63		10	120
			2,4-Dichlorophenol-d3	40	23.74	59		10	140
			4-Chloroaniline-d4	40	10.57	26		1	145
			Dimethylphthalate-d6	40	24.91	62		10	145
			Acenaphthylene-d8	40	24.69	62		15	120
			4-Nitrophenol-d4	40	15.17	38		10	150
			Fluorene-d10	40	25.38	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.46	39		10	130
			Anthracene-d10	40	24.93	62		10	150
			Pyrene-d10	40	22.03	55		10	130
P2659-11	BHC32	BM046008.D	Benzo(a)pyrene-d12	40	18.46	46		10	140
			1,4-Dioxane-d8	8	4.33	54		15	120
			Pyridine-d5	40	6.23	16	*	20	120
			Phenol-d5	40	32.15	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.40	81		10	150
			2-Chlorophenol-d4	40	34.97	87		15	120
			4-Methylphenol-d8	40	29.66	74		10	140
			Nitrobenzene-d5	40	34.43	86		10	135
			2-Nitrophenol-d4	40	36.12	90		10	120

Surrogate Summary

SW-846

SDG No.: BM061324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2659-11	BHC32	BM046008.D	2,4-Dichlorophenol-d3	40	34.00	85		10	140
			4-Chloroaniline-d4	40	16.94	42		1	145
			Dimethylphthalate-d6	40	35.16	88		10	145
			Acenaphthylene-d8	40	35.30	88		15	120
			4-Nitrophenol-d4	40	22.55	56		10	150
			Fluorene-d10	40	35.25	88		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.26	53		10	130
			Anthracene-d10	40	35.23	88		10	150
			Pyrene-d10	40	32.43	81		10	130
			Benzo(a)pyrene-d12	40	25.08	63		10	140
P2659-13	BHC34	BM046009.D	1,4-Dioxane-d8	8	4.08	51		15	120
			Pyridine-d5	40	6.44	16	*	20	120
			Phenol-d5	40	29.38	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.97	72		10	150
			2-Chlorophenol-d4	40	31.19	78		15	120
			4-Methylphenol-d8	40	25.74	64		10	140
			Nitrobenzene-d5	40	30.37	76		10	135
			2-Nitrophenol-d4	40	32.67	82		10	120
			2,4-Dichlorophenol-d3	40	30.20	75		10	140
			4-Chloroaniline-d4	40	10.00	25		1	145
			Dimethylphthalate-d6	40	30.91	77		10	145
			Acenaphthylene-d8	40	31.15	78		15	120
			4-Nitrophenol-d4	40	21.83	55		10	150
			Fluorene-d10	40	31.16	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.51	46		10	130
			Anthracene-d10	40	31.80	80		10	150
			Pyrene-d10	40	29.05	73		10	130
			Benzo(a)pyrene-d12	40	22.97	57		10	140
P2659-14	BHC35	BM046010.D	1,4-Dioxane-d8	8	3.66	46		15	120
			Pyridine-d5	40	9.18	23		20	120
			Phenol-d5	40	30.20	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.72	74		10	150
			2-Chlorophenol-d4	40	32.11	80		15	120
			4-Methylphenol-d8	40	28.14	70		10	140
			Nitrobenzene-d5	40	31.41	79		10	135
			2-Nitrophenol-d4	40	33.03	83		10	120
			2,4-Dichlorophenol-d3	40	30.85	77		10	140
			4-Chloroaniline-d4	40	14.22	36		1	145
			Dimethylphthalate-d6	40	30.01	75		10	145
			Acenaphthylene-d8	40	30.39	76		15	120
			4-Nitrophenol-d4	40	21.72	54		10	150
			Fluorene-d10	40	30.69	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.81	45		10	130
			Anthracene-d10	40	31.92	80		10	150
			Pyrene-d10	40	29.17	73		10	130
			Benzo(a)pyrene-d12	40	22.86	57		10	140
P2659-18	BHC39	BM046011.D	1,4-Dioxane-d8	8	4.30	54		15	120
			Pyridine-d5	40	6.64	17	*	20	120
			Phenol-d5	40	28.29	71		10	130

Surrogate Summary

SW-846

SDG No.: BM061324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2659-18	BHC39	BM046011.D	Bis(2-Chloroethyl)ether-d8	40	29.02	73		10	150
			2-Chlorophenol-d4	40	30.90	77		15	120
			4-Methylphenol-d8	40	25.62	64		10	140
			Nitrobenzene-d5	40	31.02	78		10	135
			2-Nitrophenol-d4	40	33.04	83		10	120
			2,4-Dichlorophenol-d3	40	30.20	75		10	140
			4-Chloroaniline-d4	40	9.09	23		1	145
			Dimethylphthalate-d6	40	31.55	79		10	145
			Acenaphthylene-d8	40	31.37	78		15	120
			4-Nitrophenol-d4	40	17.69	44		10	150
			Fluorene-d10	40	31.83	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.78	49		10	130
			Anthracene-d10	40	31.37	78		10	150
			Pyrene-d10	40	29.54	74		10	130
			Benzo(a)pyrene-d12	40	21.62	54		10	140
P2659-19	BHC40	BM046012.D	1,4-Dioxane-d8	8	3.43	43		15	120
			Pyridine-d5	40	6.08	15	*	20	120
			Phenol-d5	40	24.23	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.58	64		10	150
			2-Chlorophenol-d4	40	26.33	66		15	120
			4-Methylphenol-d8	40	20.06	50		10	140
			Nitrobenzene-d5	40	26.99	67		10	135
			2-Nitrophenol-d4	40	29.09	73		10	120
			2,4-Dichlorophenol-d3	40	26.38	66		10	140
			4-Chloroaniline-d4	40	7.95	20		1	145
			Dimethylphthalate-d6	40	29.00	72		10	145
			Acenaphthylene-d8	40	28.22	71		15	120
			4-Nitrophenol-d4	40	13.96	35		10	150
			Fluorene-d10	40	28.45	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.76	52		10	130
			Anthracene-d10	40	28.85	72		10	150
			Pyrene-d10	40	25.21	63		10	130
			Benzo(a)pyrene-d12	40	20.00	50		10	140
PB161309BL	PB161309BL	BM046003.D	Pyridine-d5	40	27.56	69		20	120
			1,4-Dioxane-d8	8	5.09	64		15	120
			Phenol-d5	40	29.46	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.30	76		10	150
			2-Chlorophenol-d4	40	30.80	77		15	120
			4-Methylphenol-d8	40	31.67	79		10	140
			Nitrobenzene-d5	40	29.05	73		10	135
			2-Nitrophenol-d4	40	29.54	74		10	120
			2,4-Dichlorophenol-d3	40	28.74	72		10	140
			4-Chloroaniline-d4	40	30.81	77		1	145
			Dimethylphthalate-d6	40	30.32	76		10	145
			Acenaphthylene-d8	40	29.88	75		15	120
			4-Nitrophenol-d4	40	21.43	54		10	150
			Fluorene-d10	40	31.32	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.82	57		10	130
			Anthracene-d10	40	31.35	78		10	150



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

Surrogate Summary

SW-846

SDG No.: BM061324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161309BL	PB161309BL	BM046003.D	Pyrene-d10	40	27.25	68		10	130
			Benzo(a)pyrene-d12	40	30.28	76		10	140
PB161309BS	PB161309BS	BM046014.D	1,4-Dioxane-d8	8	5.91	74		15	120
			Pyridine-d5	40	34.12	85		20	120
			Phenol-d5	40	37.48	94		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.25	88		10	150
			2-Chlorophenol-d4	40	38.66	97		15	120
			4-Methylphenol-d8	40	38.51	96		10	140
			Nitrobenzene-d5	40	37.39	93		10	135
			2-Nitrophenol-d4	40	40.53	101		10	120
			2,4-Dichlorophenol-d3	40	39.01	98		10	140
			4-Chloroaniline-d4	40	37.23	93		1	145
			Dimethylphthalate-d6	40	37.43	94		10	145
			Acenaphthylene-d8	40	36.92	92		15	120
			4-Nitrophenol-d4	40	42.60	107		10	150
			Fluorene-d10	40	36.69	92		20	140
			4,6-Dinitro-2-methylphenol-d2	40	39.41	99		10	130
			Anthracene-d10	40	36.58	91		10	150
			Pyrene-d10	40	38.87	97		10	130
			Benzo(a)pyrene-d12	40	38.27	96		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM061324

Lab Code: CHEM

SAS No.: BM061324

SDG NO.: BM061324

Lab File ID: BM046001.D

DFTPP Injection Date: 06/12/2024

Instrument ID: BNA_M

DFTPP Injection Time: 17:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	75.2
68	Less than 2.0% of mass 69	0.9 (1.5) 1
69	Mass 69 relative abundance	59.4
70	Less than 2.0% of mass 69	0.4 (0.7) 1
127	10.0 - 80.0% of mass 198	56.2
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	25.4
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	8.8
442	Greater than 50% of mass 198	55.6
443	15.0 - 24.0% of mass 442	10.3 (18.5) 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
SSTD020118	SSTDCCC020	BM046002.D	06/12/2024	18:40
SBLK309	PB161309BL	BM046003.D	06/12/2024	19:20
BHC24	P2659-01	BM046004.D	06/12/2024	19:59
BHC25	P2659-02	BM046005.D	06/12/2024	20:39
BHC26	P2659-03	BM046006.D	06/12/2024	21:18
BHC31	P2659-10	BM046007.D	06/12/2024	21:57
BHC32	P2659-11	BM046008.D	06/12/2024	22:36
BHC34	P2659-13	BM046009.D	06/12/2024	23:16
BHC35	P2659-14	BM046010.D	06/12/2024	23:55
BHC39	P2659-18	BM046011.D	06/13/2024	00:34
BHC40	P2659-19	BM046012.D	06/13/2024	01:14
BHC27	P2659-06	BM046013.D	06/13/2024	01:53
SLCS309	PB161309BS	BM046014.D	06/13/2024	02:32
SP6528	SP6528	BM046015.D	06/13/2024	03:11
SSTD020119	SSTDCCC020EC	BM046016.D	06/13/2024	04:30

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM061324

Lab Code: CHEM

SAS No.: BM061324 SDG NO.: BM061324

Lab File ID: BM046017.D

DFTPP Injection Date: 06/13/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	72.2
68	Less than 2.0% of mass 69	1 (1.7) 1
69	Mass 69 relative abundance	57.5
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	54.3
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	24.9
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	8.5
442	Greater than 50% of mass 198	52.7
443	15.0 - 24.0% of mass 442	10.3 (19.5) 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
SSTD020120	SSTDCCC020	BM046018.D	06/13/2024	11:21
SBLK272	PB161272BL	BM046019.D	06/13/2024	12:01
BHBZ8	P2648-09	BM046020.D	06/13/2024	12:40
BHC50	P2648-18	BM046021.D	06/13/2024	13:19
BHBZ8	P2648-09	BM046022.D	06/13/2024	13:59
BHBW1	P2648-07	BM046023.D	06/13/2024	14:38
BHBW2	P2648-08	BM046024.D	06/13/2024	15:18
BHBT7	P2648-01	BM046025.D	06/13/2024	15:57
BHBT8	P2648-02	BM046026.D	06/13/2024	16:37
BHC44	P2648-13	BM046027.D	06/13/2024	17:16
BHC51	P2648-19	BM046028.D	06/13/2024	17:56
BHC50DL	P2648-18DL	BM046029.D	06/13/2024	18:36
SSTD020121	SSTDCCC020EC	BM046030.D	06/13/2024	19:16