

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM121324 SAS No.: BM121324 SDG No.: BM121324

Instrument ID: BNA_M Calibration Date/Time: 12/13/2024 : 09:06

Lab File ID: BM048973.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020062 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.605	0.607	0.010	0.235	40.0
Benzaldehyde	0.930	1.147	0.010	23.3527	40.0
Pyridine	1.766	1.771	0.010	0.2659	40.0
Phenol	1.879	1.825	0.080	-2.9166	20.0
Bis(2-Chloroethyl)ether	1.486	1.451	0.100	-2.3259	20.0
2-Chlorophenol	1.336	1.345	0.200	0.6986	20.0
2-Methylphenol	1.290	1.199	0.010	-7.0378	20.0
2,2-oxybis(1-Chloropropane)	2.199	2.129	0.010	-3.2085	40.0
Acetophenone	2.190	2.089	0.060	-4.5904	20.0
4-Methylphenol	1.417	1.336	0.010	-5.7704	20.0
N-Nitroso-di-n-propylamine	1.067	1.047	0.050	-1.8801	30.0
Hexachloroethane	0.577	0.600	0.100	3.9946	20.0
Nitrobenzene	0.393	0.386	0.050	-1.8271	25.0
Isophorone	0.695	0.681	0.050	-2.096	25.0
2-Nitrophenol	0.156	0.156	0.050	-0.0988	25.0
2,4-Dimethylphenol	0.325	0.324	0.050	-0.2871	25.0
Bis(2-Chloroethoxy)methane	0.444	0.458	0.050	2.976	20.0
2,4-Dichlorophenol	0.292	0.303	0.060	3.8915	20.0
Naphthalene	1.063	1.080	0.200	1.654	20.0
4-Chloroaniline	0.424	0.419	0.010	-0.9565	40.0
Hexachlorobutadiene	0.188	0.192	0.040	2.1002	30.0
Caprolactam	0.092	0.085	0.010	-7.889	40.0
4-Chloro-3-methylphenol	0.279	0.273	0.040	-2.2554	25.0
1-Methylnaphthalene	0.673	0.679	0.100	0.9922	20.0
2-Methylnaphthalene	0.673	0.677	0.100	0.5548	20.0
Hexachlorocyclopentadiene	0.380	0.323	0.010	-15.0397	40.0
2,4,6-Trichlorophenol	0.344	0.342	0.090	-0.3353	25.0
2,4,5-Trichlorophenol	0.378	0.379	0.100	0.2923	25.0
1,1-Biphenyl	1.514	1.518	0.200	0.2557	20.0
2-Chloronaphthalene	1.203	1.224	0.300	1.74	20.0
2-Nitroaniline	0.309	0.297	0.050	-3.7657	40.0
Dimethylphthalate	1.378	1.403	0.300	1.8202	20.0
2,6-Dinitrotoluene	0.232	0.235	0.080	1.1296	30.0
Acenaphthylene	1.830	1.894	0.400	3.5314	20.0
3-Nitroaniline	0.271	0.273	0.010	0.7259	40.0
Acenaphthene	1.298	1.325	0.200	2.1023	20.0
2,4-Dinitrophenol	0.121	0.086	0.010	-29.4551	40.0
4-Nitrophenol	0.193	0.162	0.010	-16.4441	40.0
Dibenzofuran	1.747	1.834	0.300	5.0017	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM121324 SAS No.: BM121324 SDG No.: BM121324

Instrument ID: BNA_M Calibration Date/Time: 12/13/2024 : 09:06

Lab File ID: BM048973.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020062 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.343	0.364	0.070	5.934	30.0
Diethylphthalate	1.327	1.386	0.300	4.4106	20.0
Fluorene	1.444	1.506	0.200	4.2461	20.0
4-Chlorophenyl-phenylether	0.700	0.707	0.100	1.0892	20.0
4-Nitroaniline	0.258	0.275	0.010	6.5715	40.0
4,6-Dinitro-2-methylphenol	0.116	0.097	0.010	-16.651	40.0
N-Nitrosodiphenylamine	0.609	0.618	0.050	1.4952	20.0
1,2,4,5-Tetrachlorobenzene	0.612	0.600	0.100	-2.062	20.0
4-Bromophenyl-phenylether	0.197	0.194	0.070	-1.4767	20.0
Hexachlorobenzene	0.237	0.236	0.050	-0.2772	25.0
Atrazine	0.223	0.201	0.010	-10.0965	25.0
Pentachlorophenol	0.147	0.118	0.010	-19.2488	40.0
Phenanthrene	1.157	1.161	0.200	0.3208	20.0
Pentachlorobenzene	0.315	0.303	0.050	-3.8185	20.0
Anthracene	1.165	1.166	0.200	0.1102	20.0
1,2,3,4-Tetrachlorobenzene	0.324	0.301	0.050	-7.1909	20.0
Carbazole	1.099	1.065	0.050	-3.059	40.0
Di-n-butylphthalate	1.103	1.156	0.500	4.7708	25.0
Fluoranthene	1.320	1.305	0.400	-1.1599	25.0
Pyrene	1.456	1.439	0.400	-1.1767	25.0
Butylbenzylphthalate	0.445	0.459	0.100	3.1597	40.0
3,3-Dichlorobenzidine	0.347	0.307	0.010	-11.4672	40.0
Benzo (a) anthracene	1.341	1.341	0.300	-0.0182	30.0
Chrysene	1.263	1.260	0.200	-0.1665	30.0
Bis(2-ethylhexyl)phthalate	0.642	0.669	0.200	4.1649	40.0
Di-n-octyl phthalate	1.203	0.972	0.010	-19.1962	40.0
Benzo (b) fluoranthene	1.265	1.197	0.200	-5.3715	25.0
Benzo (k) fluoranthene	1.264	1.222	0.200	-3.3046	25.0
Benzo (a) pyrene	1.176	1.158	0.200	-1.5733	20.0
Indeno (1,2,3-cd) pyrene	1.453	1.452	0.200	-0.056	25.0
Dibenzo (a,h) anthracene	1.187	1.188	0.200	0.0547	30.0
Benzo (g,h,i) perylene	1.115	1.117	0.200	0.1297	30.0
2,3,4,6-Tetrachlorophenol	0.277	0.286	0.040	3.162	20.0
1,4-Dioxane-d8	0.568	0.579	0.010	1.8715	25.0
Pyridine-d5	1.690	1.720	0.010	1.7466	40.0
Phenol-d5	1.743	1.651	0.010	-5.289	25.0
Bis- (2-Chloroethyl) ether-d8	1.184	1.161	0.050	-1.9372	25.0
2-Chlorophenol-d4	1.265	1.272	0.200	0.5638	20.0
4-Methylphenol-d8	1.301	1.198	0.010	-7.9147	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BM121324 SAS No.: BM121324 SDG No.: BM121324
 Instrument ID: BNA_M Calibration Date/Time: 12/13/2024 : 09:06
 Lab File ID: BM048973.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020062 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.147	0.050	2.7293	20.0
2-Nitrophenol-d4	0.133	0.130	0.050	-2.0304	30.0
2,4-Dichlorophenol-d3	0.282	0.285	0.060	1.0969	20.0
4-Chloroaniline-d4	0.440	0.429	0.010	-2.3923	40.0
Dimethylphthalate-d6	1.377	1.385	0.300	0.5996	20.0
Acenaphthylene-d8	1.681	1.722	0.400	2.4267	20.0
4-Nitrophenol-d4	0.264	0.245	0.010	-7.3321	40.0
Fluorene-d10	1.194	1.242	0.100	4.0254	20.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.080	0.010	-22.9273	40.0
Anthracene-d10	0.980	0.984	0.300	0.3504	20.0
Pyrene-d10	1.123	1.100	0.300	-2.0197	25.0
Benzo(a)pyrene-d12	1.025	1.005	0.010	-1.8817	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.: BM121324 SAS No.: BM121324 SDG No.: BM121324
Instrument ID: BNA_M Calibration Date/Time: 12/13/2024 : 15:05
Lab File ID: BM048982.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020063 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.605	0.623	0.010	3.0038	40.0
Benzaldehyde	0.930	1.170	0.010	25.8464	40.0
Pyridine	1.766	1.848	0.010	4.6515	40.0
Phenol	1.879	1.856	0.080	-1.2404	20.0
Bis(2-Chloroethyl)ether	1.486	1.494	0.100	0.5371	20.0
2-Chlorophenol	1.336	1.356	0.200	1.501	20.0
2-Methylphenol	1.290	1.213	0.010	-5.9362	20.0
2,2-oxybis(1-Chloropropane)	2.199	2.217	0.010	0.7916	40.0
Acetophenone	2.190	2.134	0.060	-2.5267	20.0
4-Methylphenol	1.417	1.373	0.010	-3.1342	20.0
N-Nitroso-di-n-propylamine	1.067	1.076	0.050	0.8359	30.0
Hexachloroethane	0.577	0.593	0.100	2.6924	20.0
Nitrobenzene	0.393	0.401	0.050	1.9606	25.0
Isophorone	0.695	0.709	0.050	1.9986	25.0
2-Nitrophenol	0.156	0.155	0.050	-0.6343	25.0
2,4-Dimethylphenol	0.325	0.330	0.050	1.6699	25.0
Bis(2-Chloroethoxy)methane	0.444	0.464	0.050	4.5124	20.0
2,4-Dichlorophenol	0.292	0.305	0.060	4.5041	20.0
Naphthalene	1.063	1.088	0.200	2.3614	20.0
4-Chloroaniline	0.424	0.418	0.010	-1.2852	40.0
Hexachlorobutadiene	0.188	0.189	0.040	0.2096	30.0
Caprolactam	0.092	0.087	0.010	-5.6286	40.0
4-Chloro-3-methylphenol	0.279	0.280	0.040	0.2748	25.0
1-Methylnaphthalene	0.673	0.689	0.100	2.4195	20.0
2-Methylnaphthalene	0.673	0.692	0.100	2.8955	20.0
Hexachlorocyclopentadiene	0.380	0.308	0.010	-18.8833	40.0
2,4,6-Trichlorophenol	0.344	0.337	0.090	-1.8172	25.0
2,4,5-Trichlorophenol	0.378	0.371	0.100	-1.8108	25.0
1,1-Biphenyl	1.514	1.510	0.200	-0.2652	20.0
2-Chloronaphthalene	1.203	1.197	0.300	-0.4963	20.0
2-Nitroaniline	0.309	0.299	0.050	-3.2482	40.0
Dimethylphthalate	1.378	1.385	0.300	0.4941	20.0
2,6-Dinitrotoluene	0.232	0.231	0.080	-0.584	30.0
Acenaphthylene	1.830	1.861	0.400	1.7394	20.0
3-Nitroaniline	0.271	0.270	0.010	-0.1815	40.0
Acenaphthene	1.298	1.315	0.200	1.3386	20.0
2,4-Dinitrophenol	0.121	0.082	0.010	-32.807	40.0
4-Nitrophenol	0.193	0.159	0.010	-17.7606	40.0
Dibenzofuran	1.747	1.800	0.300	3.0342	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM121324 SAS No.: BM121324 SDG No.: BM121324

Instrument ID: BNA_M Calibration Date/Time: 12/13/2024 : 15:05

Lab File ID: BM048982.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020063 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.343	0.359	0.070	4.4389	30.0
Diethylphthalate	1.327	1.365	0.300	2.8654	20.0
Fluorene	1.444	1.491	0.200	3.2445	20.0
4-Chlorophenyl-phenylether	0.700	0.708	0.100	1.2278	20.0
4-Nitroaniline	0.258	0.279	0.010	8.0441	40.0
4,6-Dinitro-2-methylphenol	0.116	0.094	0.010	-19.2771	40.0
N-Nitrosodiphenylamine	0.609	0.614	0.050	0.7272	20.0
1,2,4,5-Tetrachlorobenzene	0.612	0.583	0.100	-4.7968	20.0
4-Bromophenyl-phenylether	0.197	0.195	0.070	-1.2217	20.0
Hexachlorobenzene	0.237	0.233	0.050	-1.4364	25.0
Atrazine	0.223	0.203	0.010	-9.1145	25.0
Pentachlorophenol	0.147	0.119	0.010	-18.7001	40.0
Phenanthrene	1.157	1.155	0.200	-0.1594	20.0
Pentachlorobenzene	0.315	0.308	0.050	-1.9556	20.0
Anthracene	1.165	1.170	0.200	0.3973	20.0
1,2,3,4-Tetrachlorobenzene	0.324	0.308	0.050	-4.88	20.0
Carbazole	1.099	1.072	0.050	-2.4174	40.0
Di-n-butylphthalate	1.103	1.149	0.500	4.1268	25.0
Fluoranthene	1.320	1.315	0.400	-0.4265	25.0
Pyrene	1.456	1.454	0.400	-0.1829	25.0
Butylbenzylphthalate	0.445	0.447	0.100	0.5782	40.0
3,3-Dichlorobenzidine	0.347	0.302	0.010	-12.9599	40.0
Benzo (a) anthracene	1.341	1.355	0.300	1.0355	30.0
Chrysene	1.263	1.252	0.200	-0.8599	30.0
Bis(2-ethylhexyl)phthalate	0.642	0.671	0.200	4.4732	40.0
Di-n-octyl phthalate	1.203	0.958	0.010	-20.3438	40.0
Benzo (b) fluoranthene	1.265	1.223	0.200	-3.3425	25.0
Benzo (k) fluoranthene	1.264	1.254	0.200	-0.7893	25.0
Benzo (a) pyrene	1.176	1.177	0.200	0.0963	20.0
Indeno (1,2,3-cd) pyrene	1.453	1.446	0.200	-0.5077	25.0
Dibenzo (a,h) anthracene	1.187	1.193	0.200	0.5087	30.0
Benzo (g,h,i) perylene	1.115	1.133	0.200	1.5865	30.0
2,3,4,6-Tetrachlorophenol	0.277	0.278	0.040	0.5858	20.0
1,4-Dioxane-d8	0.568	0.599	0.010	5.3367	25.0
Pyridine-d5	1.690	1.722	0.010	1.8882	40.0
Phenol-d5	1.743	1.665	0.010	-4.474	25.0
Bis- (2-Chloroethyl) ether-d8	1.184	1.177	0.050	-0.6236	25.0
2-Chlorophenol-d4	1.265	1.290	0.200	2.0046	20.0
4-Methylphenol-d8	1.301	1.216	0.010	-6.538	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM121324 SAS No.: BM121324 SDG No.: BM121324

Instrument ID: BNA_M Calibration Date/Time: 12/13/2024 : 15:05

Lab File ID: BM048982.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020063 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.144	0.050	0.4878	20.0
2-Nitrophenol-d4	0.133	0.124	0.050	-6.664	30.0
2,4-Dichlorophenol-d3	0.282	0.295	0.060	4.6605	20.0
4-Chloroaniline-d4	0.440	0.435	0.010	-1.1031	40.0
Dimethylphthalate-d6	1.377	1.386	0.300	0.6141	20.0
Acenaphthylene-d8	1.681	1.691	0.400	0.6249	20.0
4-Nitrophenol-d4	0.264	0.238	0.010	-9.6357	40.0
Fluorene-d10	1.194	1.231	0.100	3.0999	20.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.080	0.010	-23.7373	40.0
Anthracene-d10	0.980	0.991	0.300	1.0696	20.0
Pyrene-d10	1.123	1.123	0.300	-0.0134	25.0
Benzo(a)pyrene-d12	1.025	1.003	0.010	-2.158	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.: BM121324 SAS No.: BM121324 SDG No.: BM121324

Instrument ID: BNA_M Calibration Date/Time: 12/13/2024 : 23:31

Lab File ID: BM048994.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020064 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.605	0.646	0.010	6.751	50.0
Benzaldehyde	0.930	1.271	0.010	36.73	50.0
Pyridine	1.766	1.853	0.010	4.9026	50.0
Phenol	1.879	1.918	0.080	2.0592	50.0
Bis(2-Chloroethyl)ether	1.486	1.533	0.100	3.1643	50.0
2-Chlorophenol	1.336	1.401	0.200	4.8733	50.0
2-Methylphenol	1.290	1.311	0.010	1.6531	50.0
2,2-oxybis(1-Chloropropane)	2.199	2.267	0.010	3.0502	50.0
Acetophenone	2.190	2.300	0.060	5.0624	50.0
4-Methylphenol	1.417	1.454	0.010	2.566	50.0
N-Nitroso-di-n-propylamine	1.067	1.170	0.050	9.6592	50.0
Hexachloroethane	0.577	0.598	0.100	3.5979	50.0
Nitrobenzene	0.393	0.418	0.050	6.2725	50.0
Isophorone	0.695	0.757	0.050	8.8245	50.0
2-Nitrophenol	0.156	0.164	0.050	4.5672	50.0
2,4-Dimethylphenol	0.325	0.345	0.050	6.119	50.0
Bis(2-Chloroethoxy)methane	0.444	0.474	0.050	6.7345	50.0
2,4-Dichlorophenol	0.292	0.304	0.060	4.165	50.0
Naphthalene	1.063	1.072	0.200	0.873	50.0
4-Chloroaniline	0.424	0.431	0.010	1.8066	50.0
Hexachlorobutadiene	0.188	0.188	0.040	-0.1454	50.0
Caprolactam	0.092	0.100	0.010	9.1532	50.0
4-Chloro-3-methylphenol	0.279	0.313	0.040	12.1932	50.0
1-Methylnaphthalene	0.673	0.695	0.100	3.3341	50.0
2-Methylnaphthalene	0.673	0.702	0.100	4.3023	50.0
Hexachlorocyclopentadiene	0.380	0.326	0.010	-14.1889	50.0
2,4,6-Trichlorophenol	0.344	0.359	0.090	4.5965	50.0
2,4,5-Trichlorophenol	0.378	0.402	0.100	6.3579	50.0
1,1-Biphenyl	1.514	1.512	0.200	-0.1583	50.0
2-Chloronaphthalene	1.203	1.204	0.300	0.08	50.0
2-Nitroaniline	0.309	0.352	0.050	14.1132	50.0
Dimethylphthalate	1.378	1.447	0.300	4.9981	50.0
2,6-Dinitrotoluene	0.232	0.257	0.080	10.6942	50.0
Acenaphthylene	1.830	1.887	0.400	3.1647	50.0
3-Nitroaniline	0.271	0.302	0.010	11.5852	50.0
Acenaphthene	1.298	1.323	0.200	1.9119	50.0
2,4-Dinitrophenol	0.121	0.094	0.010	-22.797	50.0
4-Nitrophenol	0.193	0.198	0.010	2.4362	50.0
Dibenzofuran	1.747	1.789	0.300	2.4132	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM121324 SAS No.: BM121324 SDG No.: BM121324
Instrument ID: BNA_M Calibration Date/Time: 12/13/2024 : 23:31
Lab File ID: BM048994.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020064 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.343	0.391	0.070	13.8982	50.0
Diethylphthalate	1.327	1.451	0.300	9.3302	50.0
Fluorene	1.444	1.506	0.200	4.263	50.0
4-Chlorophenyl-phenylether	0.700	0.731	0.100	4.4048	50.0
4-Nitroaniline	0.258	0.317	0.010	22.8954	50.0
4,6-Dinitro-2-methylphenol	0.116	0.101	0.010	-13.2595	50.0
N-Nitrosodiphenylamine	0.609	0.601	0.050	-1.3877	50.0
1,2,4,5-Tetrachlorobenzene	0.612	0.610	0.100	-0.325	50.0
4-Bromophenyl-phenylether	0.197	0.197	0.070	-0.2092	50.0
Hexachlorobenzene	0.237	0.233	0.050	-1.7248	50.0
Atrazine	0.223	0.214	0.010	-4.2443	50.0
Pentachlorophenol	0.147	0.130	0.010	-11.5594	50.0
Phenanthrene	1.157	1.147	0.200	-0.8437	50.0
Pentachlorobenzene	0.315	0.301	0.050	-4.3899	50.0
Anthracene	1.165	1.166	0.200	0.1212	50.0
1,2,3,4-Tetrachlorobenzene	0.324	0.305	0.050	-5.9808	50.0
Carbazole	1.099	1.083	0.050	-1.4527	50.0
Di-n-butylphthalate	1.103	1.204	0.500	9.0649	50.0
Fluoranthene	1.320	1.275	0.400	-3.4564	50.0
Pyrene	1.456	1.401	0.400	-3.7865	50.0
Butylbenzylphthalate	0.445	0.470	0.100	5.6784	50.0
3,3-Dichlorobenzidine	0.347	0.307	0.010	-11.6224	50.0
Benzo (a) anthracene	1.341	1.361	0.300	1.4824	50.0
Chrysene	1.263	1.250	0.200	-0.9885	50.0
Bis (2-ethylhexyl) phthalate	0.642	0.690	0.200	7.4115	50.0
Di-n-octyl phthalate	1.203	1.056	0.010	-12.1771	50.0
Benzo (b) fluoranthene	1.265	1.237	0.200	-2.2223	50.0
Benzo (k) fluoranthene	1.264	1.249	0.200	-1.1876	50.0
Benzo (a) pyrene	1.176	1.164	0.200	-1.0179	50.0
Indeno (1,2,3-cd) pyrene	1.453	1.433	0.200	-1.4138	50.0
Dibenzo (a,h) anthracene	1.187	1.162	0.200	-2.1182	50.0
Benzo (g,h,i) perylene	1.115	1.098	0.200	-1.555	50.0
2,3,4,6-Tetrachlorophenol	0.277	0.310	0.040	11.9647	50.0
1,4-Dioxane-d8	0.568	0.588	0.010	3.5308	50.0
Pyridine-d5	1.690	1.780	0.010	5.3394	50.0
Phenol-d5	1.743	1.769	0.010	1.4792	50.0
Bis- (2-Chloroethyl) ether-d8	1.184	1.228	0.050	3.7354	50.0
2-Chlorophenol-d4	1.265	1.335	0.200	5.539	50.0
4-Methylphenol-d8	1.301	1.311	0.010	0.7072	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM121324 SAS No.: BM121324 SDG No.: BM121324

Instrument ID: BNA_M Calibration Date/Time: 12/13/2024 : 23:31

Lab File ID: BM048994.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020064 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.154	0.050	7.5061	50.0
2-Nitrophenol-d4	0.133	0.137	0.050	3.0962	50.0
2,4-Dichlorophenol-d3	0.282	0.292	0.060	3.5927	50.0
4-Chloroaniline-d4	0.440	0.450	0.010	2.2813	50.0
Dimethylphthalate-d6	1.377	1.451	0.300	5.3688	50.0
Acenaphthylene-d8	1.681	1.736	0.400	3.2511	50.0
4-Nitrophenol-d4	0.264	0.271	0.010	2.7862	50.0
Fluorene-d10	1.194	1.248	0.100	4.6047	50.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.085	0.010	-18.797	50.0
Anthracene-d10	0.980	0.981	0.300	0.0323	50.0
Pyrene-d10	1.123	1.105	0.300	-1.5876	50.0
Benzo(a)pyrene-d12	1.025	1.023	0.010	-0.2076	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK168	SDG No.:	BM121324
Lab Sample ID:	PB165168BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048974.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK168	SDG No.:	BM121324
Lab Sample ID:	PB165168BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048974.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK168	SDG No.:	BM121324
Lab Sample ID:	PB165168BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048974.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.641		15-120		83	SPK: -8
7291-22-7	Pyridine-d5	31.385		20-120		78	SPK: -40
4165-62-2	Phenol-d5	31.737		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.97		25-120		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.2		20-130		86	SPK: -40
190780-66-6	4-Methylphenol-d8	30.061		25-125		75	SPK: -40
4165-60-0	Nitrobenzene-d5	34.893		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.915		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.41		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.477		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.972		25-130		90	SPK: -40
93951-97-4	Acenaphthylene-d8	35.357		10-130		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.241		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	35.93		25-125		90	SPK: -40

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK168	SDG No.:	BM121324
Lab Sample ID:	PB165168BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048974.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.198		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	34.479		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	42.333		15-130		106	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.286		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	178130	7.569				
1146-65-2	Naphthalene-d8	667138	10.34				
15067-26-2	Acenaphthene-d10	348267	14.204				
1517-22-2	Phenanthrene-d10	653452	16.951				
1719-03-5	Chrysene-d12	509749	21.174				
1520-96-3	Perylene-d12	549922	23.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BM121324
Lab Sample ID:	PB165173BL	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
BM048975.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165173

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:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BM121324
Lab Sample ID:	PB165173BL	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
BM048975.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165173

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:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BM121324
Lab Sample ID:	PB165173BL	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
BM048975.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165173

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	7.15		15-120		89	SPK: -8
7291-22-7	Pyridine-d5	33.581		20-120		84	SPK: -40
4165-62-2	Phenol-d5	33.48		10-130		84	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.389		10-150		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.004		15-120		90	SPK: -40
190780-66-6	4-Methylphenol-d8	32.064		10-140		80	SPK: -40
4165-60-0	Nitrobenzene-d5	36.716		10-135		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.797		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.645		10-140		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.626		1-145		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.863		10-145		95	SPK: -40
93951-97-4	Acenaphthylene-d8	37.568		15-120		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.473		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	37.728		20-140		94	SPK: -40

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BM121324
Lab Sample ID:	PB165173BL	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
BM048975.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.54		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	37.737		10-150		94	SPK: -40
1718-52-1	Pyrene-d10	45.5		10-130		114	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.104		10-140		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151000	7.569				
1146-65-2	Naphthalene-d8	574555	10.334				
15067-26-2	Acenaphthene-d10	305644	14.204				
1517-22-2	Phenanthrene-d10	564232	16.951				
1719-03-5	Chrysene-d12	454061	21.174				
1520-96-3	Perylene-d12	502710	23.986				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT4-2024-08	SDG No.:	BM121324
Lab Sample ID:	P4776-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048976.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.96	J	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	4.3	J	2.5	5	10	ug/L
110-86-1	Pyridine	3.9	J	1.4	10	10	ug/L
108-95-2	Phenol	4	J	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	4.1	J	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	4	J	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	3.3	J	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.1	J	1.4	5	10	ug/L
98-86-2	Acetophenone	3.7	J	1.5	5	10	ug/L
106-44-5	4-Methylphenol	3.5	J	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	3.5	J	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	4.1	J	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	4.1	J	1.4	2.5	5	ug/L
78-59-1	Isophorone	3.6	J	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	3.4	J	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	2.9	J	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	3.8	J	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	3.9	J	1.5	2.5	5	ug/L
91-20-3	Naphthalene	4.1	J	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	3.7	J	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.1	J	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2.9	J	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	3.6	J	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	3.8	J	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	3	J	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3.2	J	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT4-2024-08	SDG No.:	BM121324
Lab Sample ID:	P4776-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048976.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4	J	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.1	J	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	2.7	J	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	4	J	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	2.7	J	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	4.2	J	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	2.5	J	0.84	5	10	ug/L
83-32-9	Acenaphthene	4	J	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	2.5	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	4.1	J	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	2.9	J	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	3.8	J	1.5	2.5	5	ug/L
86-73-7	Fluorene	4	J	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	3.8	J	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	2.9	J	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.6	J	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	3.6	J	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4	J	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	3.6	J	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	3.8	J	1.6	2.5	5	ug/L
1912-24-9	Atrazine	2.7	J	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	3.7	J	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	3.3	J	1.5	2.5	5	ug/L
120-12-7	Anthracene	3.6	J	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	3.6	J	1.2	2.5	5	ug/L
86-74-8	Carbazole	3.3	J	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	3.1	J	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	4	J	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT4-2024-08	SDG No.:	BM121324
Lab Sample ID:	P4776-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048976.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4.2	J	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	3.1	J	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	2.3	J	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	4	J	1.4	2.5	5	ug/L
218-01-9	Chrysene	4.1	J	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	J	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.9	J	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	3.5	J	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	3.6	J	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	3.4	J	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.5	J	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.4	J	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	3.6	J	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.2	J	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.339		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	11.824		20-120		30	SPK: -40
4165-62-2	Phenol-d5	11.158		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.233		25-120		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.726		20-130		29	SPK: -40
190780-66-6	4-Methylphenol-d8	10.504		25-125		26	SPK: -40
4165-60-0	Nitrobenzene-d5	11.729		20-125		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.27		20-130		26	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.261		20-120		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.837		1-146		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.281		25-130		31	SPK: -40
93951-97-4	Acenaphthylene-d8	12.189		10-130		30	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.946		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	12.355		25-125		31	SPK: -40

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT4-2024-08	SDG No.:	BM121324
Lab Sample ID:	P4776-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048976.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.829		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	11.009		25-130		28	SPK: -40
1718-52-1	Pyrene-d10	12.816		15-130		32	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.435		20-130		29	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150553	7.569				
1146-65-2	Naphthalene-d8	564256	10.334				
15067-26-2	Acenaphthene-d10	307149	14.204				
1517-22-2	Phenanthrene-d10	595950	16.951				
1719-03-5	Chrysene-d12	481908	21.174				
1520-96-3	Perylene-d12	508069	23.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT4-2024-08	SDG No.:	BM121324
Lab Sample ID:	P4776-04	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
BM048977.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	J	13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	160	J	75	82.5	330	ug/Kg
110-86-1	Pyridine	130	J	43	170	330	ug/Kg
108-95-2	Phenol	130	J	35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	140	J	34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	140	J	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	120	J	30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	J	27	82.5	330	ug/Kg
98-86-2	Acetophenone	130	J	38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	120	J	32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	J	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	140	J	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	140	J	36	42.5	170	ug/Kg
78-59-1	Isophorone	120	J	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	120	J	32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	74	J	28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	130	J	38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	130	J	39	42.5	170	ug/Kg
91-20-3	Naphthalene	140	J	34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	120	J	43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	130	J	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	110	J	28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	120	J	41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	130	J	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	89	J	79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	J	43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	J	42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT4-2024-08	SDG No.:	BM121324
Lab Sample ID:	P4776-04	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
BM048977.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	130	J	48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	140	J	45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	97	J	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	130	J	42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	93	J	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	140	J	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	89	J	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	130	J	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	94	J	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	130	J	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	J	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	120	J	60	42.5	170	ug/Kg
86-73-7	Fluorene	130	J	45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	J	47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	94	J	42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	92	J	16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	120	J	42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	J	51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	120	J	45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	120	J	50	42.5	170	ug/Kg
1912-24-9	Atrazine	97	J	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	120	J	87	82.5	330	ug/Kg
85-01-8	Phenanthrene	120	J	44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	110	J	51	42.5	170	ug/Kg
120-12-7	Anthracene	120	J	43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	120	J	33	42.5	170	ug/Kg
86-74-8	Carbazole	110	J	45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	110	J	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	130	J	44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT4-2024-08	SDG No.:	BM121324
Lab Sample ID:	P4776-04	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
BM048977.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	J	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	110	J	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	J	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	39	42.5	170	ug/Kg
218-01-9	Chrysene	130	J	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	J	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	J	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.165		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	11.552		20-120		29	SPK: -40
4165-62-2	Phenol-d5	11.846		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.706		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.413		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	10.926		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	12.1		10-135		30	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.955		10-120		27	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.429		10-140		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.716		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.822		10-145		30	SPK: -40
93951-97-4	Acenaphthylene-d8	12.109		15-120		30	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.846		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	12.163		20-140		30	SPK: -40

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT4-2024-08	SDG No.:	BM121324
Lab Sample ID:	P4776-04	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
BM048977.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.591		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	10.641		10-150		27	SPK: -40
1718-52-1	Pyrene-d10	12.789		10-130		32	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.776		10-140		29	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	204403	7.569				
1146-65-2	Naphthalene-d8	805389	10.333				
15067-26-2	Acenaphthene-d10	438589	14.21				
1517-22-2	Phenanthrene-d10	843616	16.951				
1719-03-5	Chrysene-d12	713740	21.174				
1520-96-3	Perylene-d12	738713	23.985				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-08	SDG No.:	BM121324
Lab Sample ID:	P4776-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048978.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	980	J	380	190	2000	ug/Kg
100-52-7	Benzaldehyde	4600	J	2200	2400	9800	ug/Kg
110-86-1	Pyridine	3700	J	1300	4900	9800	ug/Kg
108-95-2	Phenol	3900	J	980	2400	9800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4100	J	900	2400	9800	ug/Kg
95-57-8	2-Chlorophenol	4100	J	860	1300	4900	ug/Kg
95-48-7	2-Methylphenol	3300	J	930	2400	9800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4000	J	750	2400	9800	ug/Kg
98-86-2	Acetophenone	3800	J	1100	2400	9800	ug/Kg
106-44-5	4-Methylphenol	3500	J	850	2400	9800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3500	J	750	1300	4900	ug/Kg
67-72-1	Hexachloroethane	4100	J	570	1300	4900	ug/Kg
98-95-3	Nitrobenzene	4000	J	930	1300	4900	ug/Kg
78-59-1	Isophorone	3600	J	890	1300	4900	ug/Kg
88-75-5	2-Nitrophenol	3600	J	1100	1300	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	2200	J	830	1300	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	3800	J	1100	1300	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	3900	J	1300	1300	4900	ug/Kg
91-20-3	Naphthalene	4000	J	950	1300	4900	ug/Kg
106-47-8	4-Chloroaniline	3600	J	1300	1300	9800	ug/Kg
87-68-3	Hexachlorobutadiene	4000	J	1100	1300	4900	ug/Kg
105-60-2	Caprolactam	3100	J	2600	2400	9800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3200	J	870	1300	4900	ug/Kg
90-12-0	1-Methylnaphthalene	3500	J	1200	1300	4900	ug/Kg
91-57-6	2-Methylnaphthalene	3800	J	1200	1300	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600	J	2400	2400	9800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3200	J	1200	1300	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3200	J	1400	1300	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-08	SDG No.:	BM121324
Lab Sample ID:	P4776-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048978.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4000	J	1400	1300	4900	ug/Kg
91-58-7	2-Chloronaphthalene	4000	J	1400	1300	4900	ug/Kg
88-74-4	2-Nitroaniline	2900	J	670	1300	4900	ug/Kg
131-11-3	Dimethylphthalate	3800	J	1300	1300	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	2800	J	730	1300	4900	ug/Kg
208-96-8	Acenaphthylene	4100	J	1400	1300	4900	ug/Kg
99-09-2	3-Nitroaniline	2800	J	670	2400	9800	ug/Kg
83-32-9	Acenaphthene	4000	J	1300	1300	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	J	2900	2400	9800	ug/Kg
100-02-7	4-Nitrophenol	3400	J	1300	2400	9800	ug/Kg
132-64-9	Dibenzofuran	4000	J	1400	1300	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	3100	J	860	1300	4900	ug/Kg
84-66-2	Diethylphthalate	3600	J	1800	1300	4900	ug/Kg
86-73-7	Fluorene	3800	J	1400	1300	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3600	J	1600	1300	4900	ug/Kg
100-01-6	4-Nitroaniline	2900	J	1100	2400	9800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2700	J	470	2400	9800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3600	J	1300	1300	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4000	J	1500	1300	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3400	J	1300	1300	4900	ug/Kg
118-74-1	Hexachlorobenzene	3600	J	1500	1300	4900	ug/Kg
1912-24-9	Atrazine	2900	J	910	2400	9800	ug/Kg
87-86-5	Pentachlorophenol	3400	J	2500	2400	9800	ug/Kg
85-01-8	Phenanthrene	3700	J	1400	1300	4900	ug/Kg
608-93-5	Pentachlorobenzene	3200	J	1600	1300	4900	ug/Kg
120-12-7	Anthracene	3300	J	1400	1300	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	3500	J	1100	1300	4900	ug/Kg
86-74-8	Carbazole	3200	J	1500	2400	9800	ug/Kg
84-74-2	Di-n-butylphthalate	3200	J	1400	1300	4900	ug/Kg
206-44-0	Fluoranthene	3800	J	1300	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-08	SDG No.:	BM121324
Lab Sample ID:	P4776-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048978.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3900	J	1400	1300	4900	ug/Kg
85-68-7	Butylbenzylphthalate	3500	J	1100	1300	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2200	J	730	2400	9800	ug/Kg
56-55-3	Benzo(a)anthracene	4000	J	1300	1300	4900	ug/Kg
218-01-9	Chrysene	3900	J	1400	1300	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3300	J	1500	1300	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	2300	J	1100	2400	9800	ug/Kg
205-99-2	Benzo(b)fluoranthene	3400	J	1300	1300	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	3600	J	1600	1300	4900	ug/Kg
50-32-8	Benzo(a)pyrene	3400	J	1500	1300	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3800	J	1200	1300	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3900	J	1300	1300	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3900	J	1300	1300	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3300	J	1200	1300	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.423		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	11.516		20-120		29	SPK: -40
4165-62-2	Phenol-d5	11.691		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.572		10-150		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.546		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	10.705		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	12.16		10-135		30	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.916		10-120		27	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.466		10-140		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.593		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.128		10-145		30	SPK: -40
93951-97-4	Acenaphthylene-d8	12.309		15-120		31	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.895		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	12.358		20-140		31	SPK: -40

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-08	SDG No.:	BM121324
Lab Sample ID:	P4776-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048978.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.597		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	10.587		10-150		26	SPK: -40
1718-52-1	Pyrene-d10	12.744		10-130		32	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.902		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	234258	7.569				
1146-65-2	Naphthalene-d8	918120	10.334				
15067-26-2	Acenaphthene-d10	483190	14.204				
1517-22-2	Phenanthrene-d10	921953	16.951				
1719-03-5	Chrysene-d12	776349	21.174				
1520-96-3	Perylene-d12	817845	23.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1400	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK149	SDG No.:	BM121324
Lab Sample ID:	PB165149BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048979.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	390	U	390	200	2000	ug/Kg
100-52-7	Benzaldehyde	2200	U	2200	2500	10000	ug/Kg
110-86-1	Pyridine	1300	U	1300	5000	10000	ug/Kg
108-95-2	Phenol	1000	U	1000	2500	10000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	920	U	920	2500	10000	ug/Kg
95-57-8	2-Chlorophenol	880	U	880	1300	5000	ug/Kg
95-48-7	2-Methylphenol	950	U	950	2500	10000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	770	U	770	2500	10000	ug/Kg
98-86-2	Acetophenone	1100	U	1100	2500	10000	ug/Kg
106-44-5	4-Methylphenol	870	U	870	2500	10000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	760	U	760	1300	5000	ug/Kg
67-72-1	Hexachloroethane	580	U	580	1300	5000	ug/Kg
98-95-3	Nitrobenzene	950	U	950	1300	5000	ug/Kg
78-59-1	Isophorone	910	U	910	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	1100	U	1100	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	850	U	850	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100	U	1100	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	1300	U	1300	1300	5000	ug/Kg
91-20-3	Naphthalene	970	U	970	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	1300	U	1300	1300	10000	ug/Kg
87-68-3	Hexachlorobutadiene	1100	U	1100	1300	5000	ug/Kg
105-60-2	Caprolactam	2700	U	2700	2500	10000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	890	U	890	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	1200	U	1200	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2400	U	2400	2500	10000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400	U	1400	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK149	SDG No.:	BM121324
Lab Sample ID:	PB165149BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048979.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400	U	1400	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	1400	U	1400	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	680	U	680	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	1300	U	1300	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	740	U	740	1300	5000	ug/Kg
208-96-8	Acenaphthylene	1400	U	1400	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	680	U	680	2500	10000	ug/Kg
83-32-9	Acenaphthene	1300	U	1300	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	3000	U	3000	2500	10000	ug/Kg
100-02-7	4-Nitrophenol	1300	U	1300	2500	10000	ug/Kg
132-64-9	Dibenzofuran	1400	U	1400	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	880	U	880	1300	5000	ug/Kg
84-66-2	Diethylphthalate	1800	U	1800	1300	5000	ug/Kg
86-73-7	Fluorene	1400	U	1400	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600	U	1600	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	1100	U	1100	2500	10000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	480	U	480	2500	10000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500	U	1500	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300	U	1300	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	1500	U	1500	1300	5000	ug/Kg
1912-24-9	Atrazine	930	U	930	2500	10000	ug/Kg
87-86-5	Pentachlorophenol	2500	U	2500	2500	10000	ug/Kg
85-01-8	Phenanthrene	1400	U	1400	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1300	5000	ug/Kg
120-12-7	Anthracene	1400	U	1400	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100	U	1100	1300	5000	ug/Kg
86-74-8	Carbazole	1500	U	1500	2500	10000	ug/Kg
84-74-2	Di-n-butylphthalate	1400	U	1400	1300	5000	ug/Kg
206-44-0	Fluoranthene	1300	U	1300	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK149	SDG No.:	BM121324
Lab Sample ID:	PB165149BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048979.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400	U	1400	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	1100	U	1100	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	740	U	740	2500	10000	ug/Kg
56-55-3	Benzo(a)anthracene	1300	U	1300	1300	5000	ug/Kg
218-01-9	Chrysene	1400	U	1400	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500	U	1500	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	1100	U	1100	2500	10000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	U	1300	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600	U	1600	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	1500	U	1500	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200	U	1200	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200	U	1200	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.924		15-120		87	SPK: -8
7291-22-7	Pyridine-d5	32.963		20-120		82	SPK: -40
4165-62-2	Phenol-d5	33.844		10-130		85	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.179		10-150		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.142		15-120		90	SPK: -40
190780-66-6	4-Methylphenol-d8	32.002		10-140		80	SPK: -40
4165-60-0	Nitrobenzene-d5	37.252		10-135		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.297		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.752		10-140		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.104		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.868		10-145		95	SPK: -40
93951-97-4	Acenaphthylene-d8	37.111		15-120		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.475		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	37.301		20-140		93	SPK: -40

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK149	SDG No.:	BM121324
Lab Sample ID:	PB165149BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048979.D	1	11/21/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.351		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	36.489		10-150		91	SPK: -40
1718-52-1	Pyrene-d10	44.604		10-130		112	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.144		10-140		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	181320	7.569				
1146-65-2	Naphthalene-d8	690048	10.334				
15067-26-2	Acenaphthene-d10	371264	14.204				
1517-22-2	Phenanthrene-d10	688908	16.951				
1719-03-5	Chrysene-d12	553181	21.174				
1520-96-3	Perylene-d12	607122	23.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1400	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AT1	SDG No.:	BM121324
Lab Sample ID:	P5228-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048980.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.51	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5.1	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10.1	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.99	U	0.99	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5.1	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AT1	SDG No.:	BM121324
Lab Sample ID:	P5228-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048980.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	0.85	U	0.85	5.1	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	6	U	6	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.95	U	0.95	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5.1	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5.1	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5.1	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5.1	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
86-74-8	Carbazole	1.6	U	1.6	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AT1	SDG No.:	BM121324
Lab Sample ID:	P5228-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048980.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5.1	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.136		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	7.265	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	8.556		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.008		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.462		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	19.158		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	31.548		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.457		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.641		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.269		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.304		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	31.921		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.77		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	34.437		25-125		86	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AT1	SDG No.:	BM121324
Lab Sample ID:	P5228-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048980.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.492		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	35.527		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	40.743		15-130		102	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.809		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	189771	7.569				
1146-65-2	Naphthalene-d8	730894	10.333				
15067-26-2	Acenaphthene-d10	411111	14.204				
1517-22-2	Phenanthrene-d10	772281	16.951				
1719-03-5	Chrysene-d12	646754	21.174				
1520-96-3	Perylene-d12	682075	23.986				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AT5	SDG No.:	BM121324
Lab Sample ID:	P5228-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BM048981.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.5	U	0.5	0.51	2	ug/L
100-52-7	Benzaldehyde	2.6	U	2.6	5.1	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10.2	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.6	5.1	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.6	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1	U	1	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.6	5.1	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.6	5.1	ug/L
105-60-2	Caprolactam	4.6	U	4.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.4	U	3.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AT5	SDG No.:	BM121324
Lab Sample ID:	P5228-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BM048981.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5.1	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	6	U	6	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.6	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.6	5.1	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.96	U	0.96	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.6	5.1	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5.1	10	ug/L
87-86-5	Pentachlorophenol	3.7	U	3.7	5.1	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.6	5.1	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
86-74-8	Carbazole	1.6	U	1.6	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.6	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AT5	SDG No.:	BM121324
Lab Sample ID:	P5228-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048981.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.6	5.1	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.121		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	3.765	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	7.938		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.955		25-120		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.26		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	18.437		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	34.243		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.744		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.367		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.937		1-146		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.496		25-130		89	SPK: -40
93951-97-4	Acenaphthylene-d8	33.758		10-130		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.949		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	36.258		25-125		91	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E2AT5	SDG No.:	BM121324
Lab Sample ID:	P5228-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048981.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.203		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	38.07		25-130		95	SPK: -40
1718-52-1	Pyrene-d10	43.773		15-130		109	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.504		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	155596	7.569				
1146-65-2	Naphthalene-d8	592053	10.334				
15067-26-2	Acenaphthene-d10	318249	14.204				
1517-22-2	Phenanthrene-d10	575658	16.951				
1719-03-5	Chrysene-d12	476632	21.174				
1520-96-3	Perylene-d12	507892	23.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SBLK613	SDG No.:	BM121324
Lab Sample ID:	PB165613BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048983.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SBLK613	SDG No.:	BM121324
Lab Sample ID:	PB165613BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048983.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SBLK613	SDG No.:	BM121324
Lab Sample ID:	PB165613BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048983.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	28.187		20-120		70	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.571		15-120		70	SPK: -8
4165-62-2	Phenol-d5	27.021		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.34		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.041		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	25.662		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	26.812		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.748		20-130		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.527		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.336		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.603		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.38		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.468		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	27.741		25-125		69	SPK: -40

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SBLK613	SDG No.:	BM121324
Lab Sample ID:	PB165613BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048983.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.808		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	26.957		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	29.484		15-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.034		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160780	7.569				
1146-65-2	Naphthalene-d8	601207	10.333				
15067-26-2	Acenaphthene-d10	327819	14.204				
1517-22-2	Phenanthrene-d10	631703	16.951				
1719-03-5	Chrysene-d12	553501	21.174				
1520-96-3	Perylene-d12	590196	23.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SBLK610	SDG No.:	BM121324
Lab Sample ID:	PB165610BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048984.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SBLK610	SDG No.:	BM121324
Lab Sample ID:	PB165610BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048984.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SBLK610	SDG No.:	BM121324
Lab Sample ID:	PB165610BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048984.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.042		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	29.692		20-120		74	SPK: -40
4165-62-2	Phenol-d5	28.002		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.287		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.786		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	26.539		25-125		66	SPK: -40
4165-60-0	Nitrobenzene-d5	27.18		20-125		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.957		20-130		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.908		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.47		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.854		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.738		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.241		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	28.942		25-125		72	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SBLK610	SDG No.:	BM121324
Lab Sample ID:	PB165610BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048984.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.549		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	28.283		25-130		71	SPK: -40
1718-52-1	Pyrene-d10	30.586		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.745		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137884	7.569				
1146-65-2	Naphthalene-d8	516237	10.334				
15067-26-2	Acenaphthene-d10	284588	14.204				
1517-22-2	Phenanthrene-d10	549331	16.951				
1719-03-5	Chrysene-d12	480794	21.174				
1520-96-3	Perylene-d12	524147	23.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E29R6	SDG No.:	BM121324
Lab Sample ID:	P5228-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048985.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E29R6	SDG No.:	BM121324
Lab Sample ID:	P5228-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			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
BM048985.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E29R6	SDG No.:	BM121324
Lab Sample ID:	P5228-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048985.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.087		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	8.529		20-120		21	SPK: -40
4165-62-2	Phenol-d5	7.897		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.279		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.959		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	18.154		25-125		45	SPK: -40
4165-60-0	Nitrobenzene-d5	32.629		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.656		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.957		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.63		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.901		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	32.668		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.162		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	36.426		25-125		91	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E29R6	SDG No.:	BM121324
Lab Sample ID:	P5228-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048985.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.643		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	38.74		25-130		97	SPK: -40
1718-52-1	Pyrene-d10	44.199		15-130		110	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.157		20-130		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142464	7.569				
1146-65-2	Naphthalene-d8	542581	10.334				
15067-26-2	Acenaphthene-d10	296542	14.204				
1517-22-2	Phenanthrene-d10	553572	16.951				
1719-03-5	Chrysene-d12	472617	21.174				
1520-96-3	Perylene-d12	504465	23.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E29S9	SDG No.:	BM121324
Lab Sample ID:	P5228-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048986.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.51	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5.1	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10.1	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.99	U	0.99	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5.1	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E29S9	SDG No.:	BM121324
Lab Sample ID:	P5228-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BM048986.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	0.85	U	0.85	5.1	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	6	U	6	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.95	U	0.95	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5.1	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5.1	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5.1	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5.1	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
86-74-8	Carbazole	1.6	U	1.6	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E29S9	SDG No.:	BM121324
Lab Sample ID:	P5228-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048986.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5.1	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.032		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	7.405	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	8.937		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.543		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.604		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	19.541		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	33.566		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.068		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.305		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.696		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.444		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	34.226		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.95		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	37.3		25-125		93	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	E29S9	SDG No.:	BM121324
Lab Sample ID:	P5228-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048986.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.601		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	38.711		25-130		97	SPK: -40
1718-52-1	Pyrene-d10	43.777		15-130		109	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.403		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	152181	7.569				
1146-65-2	Naphthalene-d8	573612	10.333				
15067-26-2	Acenaphthene-d10	311344	14.204				
1517-22-2	Phenanthrene-d10	578918	16.951				
1719-03-5	Chrysene-d12	493797	21.174				
1520-96-3	Perylene-d12	534026	23.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E29R7	SDG No.:	BM121324
Lab Sample ID:	P5228-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048987.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E29R7	SDG No.:	BM121324
Lab Sample ID:	P5228-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048987.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E29R7	SDG No.:	BM121324
Lab Sample ID:	P5228-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048987.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.851		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	7.888		20-120		20	SPK: -40
4165-62-2	Phenol-d5	7.363		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.927		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.527		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	17.282		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	31.471		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.217		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.048		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.639		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.65		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	32.995		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.616		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	36.797		25-125		92	SPK: -40

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E29R7	SDG No.:	BM121324
Lab Sample ID:	P5228-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048987.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.063		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	41.439		25-130		104	SPK: -40
1718-52-1	Pyrene-d10	45.701		15-130		114	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.686		20-130		104	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159410	7.569				
1146-65-2	Naphthalene-d8	616404	10.333				
15067-26-2	Acenaphthene-d10	352955	14.204				
1517-22-2	Phenanthrene-d10	660451	16.951				
1719-03-5	Chrysene-d12	601580	21.174				
1520-96-3	Perylene-d12	647216	23.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AT0	SDG No.:	BM121324
Lab Sample ID:	P5228-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BM048988.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.51	2	ug/L
100-52-7	Benzaldehyde	2.5	J	2.5	5.1	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10.1	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.99	U	0.99	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5.1	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AT0	SDG No.:	BM121324
Lab Sample ID:	P5228-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048988.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	0.85	U	0.85	5.1	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	6	U	6	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	5.8		1.5	2.5	5.1	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.95	U	0.95	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5.1	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5.1	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5.1	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5.1	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
86-74-8	Carbazole	1.6	U	1.6	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AT0	SDG No.:	BM121324
Lab Sample ID:	P5228-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048988.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5.1	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.597		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	5.855	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	7.232		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.714		25-120		89	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.639		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	18.489		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	37.677		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.918		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.076		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.103		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.518		25-130		94	SPK: -40
93951-97-4	Acenaphthylene-d8	36.885		10-130		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.794	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	38.87		25-125		97	SPK: -40

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AT0	SDG No.:	BM121324
Lab Sample ID:	P5228-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048988.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.339		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	39.824		25-130		100	SPK: -40
1718-52-1	Pyrene-d10	45.275		15-130		113	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.443		20-130		101	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	152308	7.569				
1146-65-2	Naphthalene-d8	594540	10.333				
15067-26-2	Acenaphthene-d10	332794	14.204				
1517-22-2	Phenanthrene-d10	609971	16.951				
1719-03-5	Chrysene-d12	525212	21.174				
1520-96-3	Perylene-d12	569410	23.98				
TENTATIVE IDENTIFIED COMPOUNDS							
000100-51-6	Benzyl alcohol	40	J			7.81	
000095-16-9	Benzothiazole	3.1	J			10.98	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AT4	SDG No.:	BM121324
Lab Sample ID:	P5228-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048989.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.5	U	0.5	0.51	2	ug/L
100-52-7	Benzaldehyde	2.6	U	2.6	5.1	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10.2	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.6	5.1	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.6	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1	U	1	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.6	5.1	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.6	5.1	ug/L
105-60-2	Caprolactam	4.6	U	4.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.4	U	3.4	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AT4	SDG No.:	BM121324
Lab Sample ID:	P5228-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048989.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5.1	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	6	U	6	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.6	5.1	ug/L
84-66-2	Diethylphthalate	5.6		1.5	2.6	5.1	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.96	U	0.96	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.6	5.1	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5.1	10	ug/L
87-86-5	Pentachlorophenol	3.7	U	3.7	5.1	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.6	5.1	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
86-74-8	Carbazole	1.6	U	1.6	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.6	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AT4	SDG No.:	BM121324
Lab Sample ID:	P5228-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048989.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.6	5.1	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.582		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	12.322		20-120		31	SPK: -40
4165-62-2	Phenol-d5	8.216		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.936		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.472		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	19.792		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	35.721		20-125		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.437		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.132		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.117		1-146		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.724		25-130		92	SPK: -40
93951-97-4	Acenaphthylene-d8	36.433		10-130		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.518	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	38.218		25-125		96	SPK: -40

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	E2AT4	SDG No.:	BM121324
Lab Sample ID:	P5228-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048989.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.604		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	39.592		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	45.783		15-130		114	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.054		20-130		100	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150828	7.569				
1146-65-2	Naphthalene-d8	591535	10.333				
15067-26-2	Acenaphthene-d10	328153	14.204				
1517-22-2	Phenanthrene-d10	603387	16.951				
1719-03-5	Chrysene-d12	508003	21.174				
1520-96-3	Perylene-d12	537808	23.98				
TENTATIVE IDENTIFIED COMPOUNDS							
000100-51-6	Benzyl alcohol	43	J			7.81	
000095-16-9	Benzothiazole	3.1	J			10.98	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	BH7T2	SDG No.:	BM121324
Lab Sample ID:	P5247-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048990.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	BH7T2	SDG No.:	BM121324
Lab Sample ID:	P5247-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048990.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	BH7T2	SDG No.:	BM121324
Lab Sample ID:	P5247-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048990.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.676		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	8.591		20-120		21	SPK: -40
4165-62-2	Phenol-d5	8.617		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.4		25-120		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.332		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	19.217		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	31.874		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.785		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.717		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.395		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.594		25-130		86	SPK: -40
93951-97-4	Acenaphthylene-d8	31.928		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.511		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	34.918		25-125		87	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	BH7T2	SDG No.:	BM121324
Lab Sample ID:	P5247-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048990.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.722		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	36.075		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	41.285		15-130		103	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.412		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160904	7.569				
1146-65-2	Naphthalene-d8	612217	10.334				
15067-26-2	Acenaphthene-d10	337639	14.204				
1517-22-2	Phenanthrene-d10	641162	16.951				
1719-03-5	Chrysene-d12	541471	21.174				
1520-96-3	Perylene-d12	574218	23.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	BH7T5	SDG No.:	BM121324
Lab Sample ID:	P5247-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048991.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	BH7T5	SDG No.:	BM121324
Lab Sample ID:	P5247-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048991.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	BH7T5	SDG No.:	BM121324
Lab Sample ID:	P5247-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048991.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.606		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	5.632	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	7.6		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.51		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.535		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	17.368		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	31.86		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.504		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.022		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.629		1-146		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.933		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	31.385		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.957		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	34.706		25-125		87	SPK: -40

Report of Analysis

Client:		Date Collected:	12/10/2024 12:00:00 AM
Project:		Date Received:	12/10/2024 12:00:00 AM
Client Sample ID:	BH7T5	SDG No.:	BM121324
Lab Sample ID:	P5247-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048991.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.83		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	36.696		25-130		92	SPK: -40
1718-52-1	Pyrene-d10	42.567		15-130		106	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.583		20-130		94	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	160787	7.569				
1146-65-2	Naphthalene-d8	604885	10.334				
15067-26-2	Acenaphthene-d10	334567	14.204				
1517-22-2	Phenanthrene-d10	626311	16.951				
1719-03-5	Chrysene-d12	542716	21.174				
1520-96-3	Perylene-d12	578612	23.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SLCS610	SDG No.:	BM121324
Lab Sample ID:	PB165610BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048992.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	6.5	J	2.5	5	10	ug/L
110-86-1	Pyridine	30		1.4	10	10	ug/L
108-95-2	Phenol	30		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	28		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	31		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	29		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		1.4	5	10	ug/L
98-86-2	Acetophenone	27		1.5	5	10	ug/L
106-44-5	4-Methylphenol	29		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	29		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	28		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	28		1.4	2.5	5	ug/L
78-59-1	Isophorone	29		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	29		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	30		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	29		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	32		1.5	2.5	5	ug/L
91-20-3	Naphthalene	28		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	17		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	28		1.2	2.5	5	ug/L
105-60-2	Caprolactam	27		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	31		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	29		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	29		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	20		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	29		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	29		1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SLCS610	SDG No.:	BM121324
Lab Sample ID:	PB165610BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048992.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	28		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	30		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	29		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	30		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	29		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	29		0.84	5	10	ug/L
83-32-9	Acenaphthene	28		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	22		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	26		1.5	5	10	ug/L
132-64-9	Dibenzofuran	29		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	32		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	30		1.5	2.5	5	ug/L
86-73-7	Fluorene	29		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	29		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	36		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	27		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	28		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	28		1.6	2.5	5	ug/L
1912-24-9	Atrazine	24		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	25		3.6	5	10	ug/L
85-01-8	Phenanthrene	29		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	26		1.5	2.5	5	ug/L
120-12-7	Anthracene	29		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	26		1.2	2.5	5	ug/L
86-74-8	Carbazole	28		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	31		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	29		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SLCS610	SDG No.:	BM121324
Lab Sample ID:	PB165610BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048992.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	29		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	31		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	24		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	29		1.4	2.5	5	ug/L
218-01-9	Chrysene	29		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	32		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	25		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	29		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	29		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	29		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	30		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	30		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	31		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	31		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.758		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	29.372		20-120		73	SPK: -40
4165-62-2	Phenol-d5	29.083		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.2		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.038		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	28.088		25-125		70	SPK: -40
4165-60-0	Nitrobenzene-d5	28.551		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.3		20-130		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.733		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.215		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.926		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	27.571		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.497		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	28.345		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SLCS610	SDG No.:	BM121324
Lab Sample ID:	PB165610BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048992.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165610

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.272		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	28.222		25-130		71	SPK: -40
1718-52-1	Pyrene-d10	28.175		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.108		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	146600	7.569				
1146-65-2	Naphthalene-d8	585414	10.333				
15067-26-2	Acenaphthene-d10	351545	14.204				
1517-22-2	Phenanthrene-d10	660206	16.951				
1719-03-5	Chrysene-d12	619285	21.174				
1520-96-3	Perylene-d12	616691	23.979				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SLCS613	SDG No.:	BM121324
Lab Sample ID:	PB165613BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048993.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	5.7	J	2.5	5	10	ug/L
110-86-1	Pyridine	29		1.4	10	10	ug/L
108-95-2	Phenol	29		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	30		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	28		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	27		1.4	5	10	ug/L
98-86-2	Acetophenone	27		1.5	5	10	ug/L
106-44-5	4-Methylphenol	29		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	29		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	28		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	29		1.4	2.5	5	ug/L
78-59-1	Isophorone	30		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	29		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	30		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	29		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	31		1.5	2.5	5	ug/L
91-20-3	Naphthalene	27		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	17		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		1.2	2.5	5	ug/L
105-60-2	Caprolactam	27		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	32		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	28		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	28		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	20		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	30		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	30		1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SLCS613	SDG No.:	BM121324
Lab Sample ID:	PB165613BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048993.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	31		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	29		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	30		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	28		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	29		0.84	5	10	ug/L
83-32-9	Acenaphthene	28		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	22		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	28		1.5	5	10	ug/L
132-64-9	Dibenzofuran	28		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	31		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	30		1.5	2.5	5	ug/L
86-73-7	Fluorene	28		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	29		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	35		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	27		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	27		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	28		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	28		1.6	2.5	5	ug/L
1912-24-9	Atrazine	24		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	25		3.6	5	10	ug/L
85-01-8	Phenanthrene	28		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	25		1.5	2.5	5	ug/L
120-12-7	Anthracene	28		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	25		1.2	2.5	5	ug/L
86-74-8	Carbazole	27		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	30		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	28		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SLCS613	SDG No.:	BM121324
Lab Sample ID:	PB165613BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048993.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	30		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	24		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	28		1.4	2.5	5	ug/L
218-01-9	Chrysene	28		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	25		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	28		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	29		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	29		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	29		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	29		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	30		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	31		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.517		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	28.878		20-120		72	SPK: -40
4165-62-2	Phenol-d5	28.734		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.793		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.677		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.824		25-125		70	SPK: -40
4165-60-0	Nitrobenzene-d5	27.965		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.246		20-130		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.139		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.326		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.336		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	27.464		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.188		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	27.899		25-125		70	SPK: -40

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	SLCS613	SDG No.:	BM121324
Lab Sample ID:	PB165613BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048993.D	1	12/12/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165613

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.296		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	27.083		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	27.443		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.522		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	171542	7.569				
1146-65-2	Naphthalene-d8	670996	10.334				
15067-26-2	Acenaphthene-d10	392001	14.204				
1517-22-2	Phenanthrene-d10	747982	16.951				
1719-03-5	Chrysene-d12	707678	21.174				
1520-96-3	Perylene-d12	671137	23.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BM121324

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	MDL-WATER-QT4-2024-08						
P4776-02	MDL-WATER-QT4-2024 Water	Total Alkanes	*	0.000	1.7	5	ug/L
		Total Tics :			0.00		
P4776-02	MDL-WATER-QT4-2024 Water	1,1-Biphenyl	4.000	J	1.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	1,2,3,4-Tetrachlorobenzene	3.600	J	1.2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	1,2,4,5-Tetrachlorobenzene	4.000	J	1.8	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	1,4-Dioxane	0.960	J	0.49	2	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	1-Methylnaphthalene	3.600	J	1.3	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,2-oxybis(1-Chloropropane)	4.100	J	1.4	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,3,4,6-Tetrachlorophenol	3.200	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4,5-Trichlorophenol	3.200	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4,6-Trichlorophenol	3.000	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4-Dichlorophenol	3.900	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4-Dimethylphenol	2.900	J	0.98	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4-Dinitrotoluene	2.900	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,6-Dinitrotoluene	2.700	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Chloronaphthalene	4.100	J	1.6	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Chlorophenol	4.000	J	1.3	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Methylnaphthalene	3.800	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Methylphenol	3.300	J	1.4	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Nitroaniline	2.700	J	1.2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Nitrophenol	3.400	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	3,3-Dichlorobenzidine	2.300	J	1.1	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	3-Nitroaniline	2.500	J	0.84	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4,6-Dinitro-2-methylphenol	2.600	J	0.94	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Bromophenyl-phenylether	3.600	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Chloro-3-methylphenol	2.900	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Chloroaniline	3.700	J	1.4	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Chlorophenyl-phenylether	3.800	J	1.6	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Methylphenol	3.500	J	1.4	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Nitroaniline	2.900	J	1.3	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Nitrophenol	2.500	J	1.5	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Acenaphthene	4.000	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Acenaphthylene	4.200	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Acetophenone	3.700	J	1.5	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Anthracene	3.600	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Atrazine	2.700	J	1.6	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzaldehyde	4.300	J	2.5	10	ug/L

Hit Summary Sheet SW-846

SDG No.: BM121324

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(a)anthracene	4.000	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(a)pyrene	3.400	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(b)fluoranthene	3.500	J	1.6	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(g,h,i)perylene	3.600	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(k)fluoranthene	3.600	J	1.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Bis(2-Chloroethoxy)methane	3.800	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Bis(2-Chloroethyl)ether	4.100	J	1.4	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Bis(2-ethylhexyl)phthalate	2.900	J	1.8	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Butylbenzylphthalate	3.100	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Carbazole	3.300	J	1.6	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Chrysene	4.100	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Di-n-butylphthalate	3.100	J	1.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Di-n-octyl phthalate	1.900	J	1.4	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Dibenzo(a,h)anthracene	3.400	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Dibenzofuran	4.100	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Diethylphthalate	3.800	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Dimethylphthalate	4.000	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Fluoranthene	4.000	J	1.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Fluorene	4.000	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Hexachlorobenzene	3.800	J	1.6	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Hexachlorobutadiene	4.100	J	1.2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Hexachloroethane	4.100	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Indeno(1,2,3-cd)pyrene	3.500	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Isophorone	3.600	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	N-Nitroso-di-n-propylamine	3.500	J	1.6	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	N-Nitrosodiphenylamine	3.600	J	1.6	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Naphthalene	4.100	J	1.3	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Nitrobenzene	4.100	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Pentachlorobenzene	3.300	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Phenanthrene	3.700	J	1.6	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Phenol	4.000	J	1.4	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Pyrene	4.200	J	1.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Pyridine	3.900	J	1.4	10	ug/L

Total Svoc :

237.36

Total Concentration:

237.36

Client ID : MDL-SOIL-QT4-2024-08

P4776-04	MDL-SOIL-QT4-2024-08 Solid	Total Alkanes	*	0.000	48	170	ug/Kg
		Total Tics :	0.00				
P4776-04	MDL-SOIL-QT4-2024-08 Solid	1,1-Biphenyl		130.000	J 48	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08 Solid	1,2,3,4-Tetrachlorobenzene		120.000	J 33	170	ug/Kg

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SDG No.: BM121324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-04	MDL-SOIL-QT4-2024-08	Solid	1,2,4,5-Tetrachlorobenzene	130.000	J	51	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	1,4-Dioxane	35.000	J	13	67	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	1-Methylnaphthalene	120.000	J	41	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,2-oxybis(1-Chloropropane)	140.000	J	27	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,3,4,6-Tetrachlorophenol	110.000	J	37	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4,5-Trichlorophenol	110.000	J	42	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4,6-Trichlorophenol	110.000	J	43	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4-Dichlorophenol	130.000	J	39	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4-Dimethylphenol	74.000	J	28	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4-Dinitrotoluene	100.000	J	27	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,6-Dinitrotoluene	93.000	J	21	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Chloronaphthalene	140.000	J	45	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Chlorophenol	140.000	J	28	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Methylnaphthalene	130.000	J	37	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Methylphenol	120.000	J	30	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Nitroaniline	97.000	J	22	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Nitrophenol	120.000	J	32	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	3,3-Dichlorobenzidine	55.000	J	23	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	3-Nitroaniline	89.000	J	20	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4,6-Dinitro-2-methylphenol	92.000	J	16	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Bromophenyl-phenylether	120.000	J	45	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Chloro-3-methylphenol	110.000	J	28	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Chloroaniline	120.000	J	43	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Chlorophenyl-phenylether	120.000	J	47	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Methylphenol	120.000	J	32	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Nitroaniline	94.000	J	42	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Nitrophenol	94.000	J	41	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Acenaphthene	130.000	J	41	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Acenaphthylene	140.000	J	43	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Acetophenone	130.000	J	38	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Anthracene	120.000	J	43	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Atrazine	97.000	J	39	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzaldehyde	160.000	J	75	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(a)anthracene	130.000	J	39	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(a)pyrene	120.000	J	42	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(b)fluoranthene	120.000	J	42	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(g,h,i)perylene	140.000	J	35	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(k)fluoranthene	120.000	J	45	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Bis(2-Chloroethoxy)methane	130.000	J	38	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Bis(2-Chloroethyl)ether	140.000	J	34	330	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM121324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Bis(2-ethylhexyl)phthalate	110.000	J	44	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Butylbenzylphthalate	110.000	J	32	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Carbazole	110.000	J	45	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Chrysene	130.000	J	45	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Di-n-butylphthalate	110.000	J	42	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Di-n-octyl phthalate	76.000	J	34	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Dibenzo(a,h)anthracene	130.000	J	37	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Dibenzofuran	130.000	J	46	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Diethylphthalate	120.000	J	60	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Dimethylphthalate	130.000	J	42	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Fluoranthene	130.000	J	44	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Fluorene	130.000	J	45	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Hexachlorobenzene	120.000	J	50	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Hexachlorobutadiene	130.000	J	34	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Hexachlorocyclopentadiene	89.000	J	79	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Hexachloroethane	140.000	J	23	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Indeno(1,2,3-cd)pyrene	130.000	J	37	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Isophorone	120.000	J	34	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	N-Nitroso-di-n-propylamine	120.000	J	29	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	N-Nitrosodiphenylamine	120.000	J	42	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Naphthalene	140.000	J	34	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Nitrobenzene	140.000	J	36	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Pentachlorobenzene	110.000	J	51	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Pentachlorophenol	120.000	J	87	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Phenanthrene	120.000	J	44	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Phenol	130.000	J	35	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Pyrene	130.000	J	44	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Pyridine	130.000	J	43	330	ug/Kg
Total Svoc :				8,245.00				
Total Concentration:				8,245.00				
Client ID :	MDL-MED-SOIL-QT4-2024-08							
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Total Alkanes	*	0.000	1400	4900	ug/Kg
Total Tics :				0.00				
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1,1-Biphenyl	4,000.000	J	1400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1,2,3,4-Tetrachlorobenzene	3,500.000	J	1100	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1,2,4,5-Tetrachlorobenzene	4,000.000	J	1500	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1,4-Dioxane	980.000	J	380	2000	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1-Methylnaphthalene	3,500.000	J	1200	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,2-oxybis(1-Chloropropane)	4,000.000	J	750	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,3,4,6-Tetrachlorophenol	3,300.000	J	1200	4900	ug/Kg

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SDG No.: BM121324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4,5-Trichlorophenol	3,200.000	J	1400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4,6-Trichlorophenol	3,200.000	J	1200	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4-Dichlorophenol	3,900.000	J	1300	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4-Dimethylphenol	2,200.000	J	830	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4-Dinitrophenol	3,100.000	J	2900	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4-Dinitrotoluene	3,100.000	J	860	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,6-Dinitrotoluene	2,800.000	J	730	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Chloronaphthalene	4,000.000	J	1400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Chlorophenol	4,100.000	J	860	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Methylnaphthalene	3,800.000	J	1200	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Methylphenol	3,300.000	J	930	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Nitroaniline	2,900.000	J	670	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Nitrophenol	3,600.000	J	1100	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	3,3-Dichlorobenzidine	2,200.000	J	730	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	3-Nitroaniline	2,800.000	J	670	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4,6-Dinitro-2-methylphenol	2,700.000	J	470	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Bromophenyl-phenylether	3,400.000	J	1300	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Chloro-3-methylphenol	3,200.000	J	870	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Chloroaniline	3,600.000	J	1300	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Chlorophenyl-phenylether	3,600.000	J	1600	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Methylphenol	3,500.000	J	850	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Nitroaniline	2,900.000	J	1100	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Nitrophenol	3,400.000	J	1300	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Acenaphthene	4,000.000	J	1300	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Acenaphthylene	4,100.000	J	1400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Acetophenone	3,800.000	J	1100	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Anthracene	3,300.000	J	1400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Atrazine	2,900.000	J	910	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzaldehyde	4,600.000	J	2200	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(a)anthracene	4,000.000	J	1300	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(a)pyrene	3,400.000	J	1500	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(b)fluoranthene	3,400.000	J	1300	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(g,h,i)perylene	3,900.000	J	1300	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(k)fluoranthene	3,600.000	J	1600	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Bis(2-Chloroethoxy)methane	3,800.000	J	1100	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Bis(2-Chloroethyl)ether	4,100.000	J	900	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Bis(2-ethylhexyl)phthalate	3,300.000	J	1500	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Butylbenzylphthalate	3,500.000	J	1100	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Caprolactam	3,100.000	J	2600	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Carbazole	3,200.000	J	1500	9800	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM121324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Chrysene	3,900.000	J	1400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Di-n-butylphthalate	3,200.000	J	1400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Di-n-octyl phthalate	2,300.000	J	1100	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Dibenzo(a,h)anthracene	3,900.000	J	1300	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Dibenzofuran	4,000.000	J	1400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Diethylphthalate	3,600.000	J	1800	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Dimethylphthalate	3,800.000	J	1300	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Fluoranthene	3,800.000	J	1300	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Fluorene	3,800.000	J	1400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Hexachlorobenzene	3,600.000	J	1500	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Hexachlorobutadiene	4,000.000	J	1100	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Hexachlorocyclopentadiene	2,600.000	J	2400	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Hexachloroethane	4,100.000	J	570	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Indeno(1,2,3-cd)pyrene	3,800.000	J	1200	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Isophorone	3,600.000	J	890	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	N-Nitroso-di-n-propylamine	3,500.000	J	750	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	N-Nitrosodiphenylamine	3,600.000	J	1300	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Naphthalene	4,000.000	J	950	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Nitrobenzene	4,000.000	J	930	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Pentachlorobenzene	3,200.000	J	1600	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Pentachlorophenol	3,400.000	J	2500	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Phenanthrene	3,700.000	J	1400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Phenol	3,900.000	J	980	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Pyrene	3,900.000	J	1400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Pyridine	3,700.000	J	1300	9800	ug/Kg

Total Svoc : 250,680.00
Total Concentration: 250,680.00

Client ID : E29R7

P5228-01	E29R7	Water	Total Alkanes	*	0.000	1.7	5	ug/L
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Total Tics : 0.00
Total Concentration: 0.00

Client ID : E2AT0

P5228-03	E2AT0	Water	Benzothiazole	*	3.100	J		
P5228-03	E2AT0	Water	Benzyl alcohol	*	40.000	J		
P5228-03	E2AT0	Water	Total Alkanes	*	0.000	1.7	5.1	ug/L

Total Tics : 43.10

P5228-03	E2AT0	Water	Benzaldehyde		2.500	J	2.5	10 ug/L
P5228-03	E2AT0	Water	Diethylphthalate		5.800		1.5	5.1 ug/L

Total Svoc : 8.30

Hit Summary Sheet SW-846

SDG No.: BM121324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:						51.40		
Client ID : E2AT4								
P5228-04	E2AT4	Water	Benzothiazole	*	3.100	J		
P5228-04	E2AT4	Water	Benzyl alcohol	*	43.000	J		
P5228-04	E2AT4	Water	Total Alkanes	*	0.000	1.7	5.1	ug/L
Total Tics :						46.10		
P5228-04	E2AT4	Water	Diethylphthalate		5.600	1.5	5.1	ug/L
Total Svoc :						5.60		
Total Concentration:						51.70		
Client ID : E2AT1								
P5228-11	E2AT1	Water	Total Alkanes	*	0.000	1.7	5.1	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : E2AT5								
P5228-12	E2AT5	Water	Total Alkanes	*	0.000	1.7	5.1	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : E29R6								
P5228-13	E29R6	Water	Total Alkanes	*	0.000	1.7	5	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : E29S9								
P5228-14	E29S9	Water	Total Alkanes	*	0.000	1.7	5.1	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : BH7T2								
P5247-02	BH7T2	Water	Total Alkanes	*	0.000	1.7	5	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : BH7T5								
P5247-04	BH7T5	Water	Total Alkanes	*	0.000	1.7	5	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM121124SAS No.: BM121124SDG No.: BM121124

Instrument ID: _____

Calibration Date(s): 12/11/2024Calibration Time(s): 16:23

LAB FILE ID: RRF _{FAL1} = BM048956.D RRF _{FAL2} = BM048957.D RRF _{FAL3} = BM048958.D								
RRF _{FAL4} = BM048959.D RRF _{FAL5} = BM048960.D RRF _{FAL6} = BM048961.D								
COMPOUND	RRF _{FAL1}	RRF _{FAL2}	RRF _{FAL3}	RRF _{FAL4}	RRF _{FAL5}	RRF _{FAL6}	RRF	% RSD
1,4-Dioxane	0.617	0.612	0.594	0.620	0.583		0.605	2.6
Benzaldehyde		1.062	1.184	1.079	0.750	0.573	0.930	27.6
Pyridine		1.573	1.800	1.859	1.824	1.774	1.766	6.4
Hexachloroethane	0.526	0.546	0.580	0.619	0.616		0.577	7.1
Nitrobenzene	0.341	0.359	0.406	0.429	0.432		0.393	10.5
Isophorone	0.588	0.634	0.727	0.758	0.768		0.695	11.5
2-Nitrophenol	0.120	0.134	0.158	0.182	0.188		0.156	18.9
2,4-Dimethylphenol	0.271	0.296	0.341	0.354	0.362		0.325	12.2
Bis(2-Chloroethoxy)methane	0.392	0.416	0.460	0.481	0.473		0.444	8.7
2,4-Dichlorophenol	0.249	0.263	0.307	0.319	0.320		0.292	11.4
Naphthalene	1.011	1.016	1.087	1.113	1.085		1.063	4.3
4-Chloroaniline		0.371	0.423	0.442	0.440	0.442	0.424	7.2
Hexachlorobutadiene	0.177	0.180	0.186	0.196	0.202		0.188	5.7
Phenol		1.636	1.835	1.954	1.966	2.006	1.879	8.0
Caprolactam		0.073	0.092	0.094	0.095	0.105	0.092	12.6
4-Chloro-3-methylphenol	0.220	0.241	0.296	0.314	0.325		0.279	16.5
1-Methylnaphthalene	0.617	0.636	0.700	0.710	0.699		0.673	6.4
2-Methylnaphthalene	0.610	0.632	0.699	0.718	0.706		0.673	7.2
Hexachlorocyclopentadiene		0.294	0.326	0.384	0.427	0.470	0.380	18.9
2,4,6-Trichlorophenol	0.262	0.305	0.345	0.391	0.415		0.344	18.1
2,4,5-Trichlorophenol	0.313	0.331	0.379	0.424	0.443		0.378	14.9
1,1-Biphenyl	1.414	1.445	1.509	1.615	1.587		1.514	5.7
2-Chloronaphthalene	1.119	1.154	1.199	1.272	1.271		1.203	5.7
2-Nitroaniline	0.213	0.246	0.313	0.368	0.402		0.309	25.8
Bis(2-Chloroethyl)ether		1.359	1.478	1.553	1.536	1.504	1.486	5.1
Dimethylphthalate	1.276	1.320	1.407	1.453	1.432		1.378	5.5
2,6-Dinitrotoluene	0.166	0.193	0.239	0.275	0.288		0.232	22.5
Acenaphthylene	1.628	1.738	1.866	1.985	1.930		1.830	7.9
3-Nitroaniline		0.214	0.275	0.303	0.282	0.280	0.271	12.3
Acenaphthene	1.203	1.236	1.315	1.381	1.354		1.298	5.9
2,4-Dinitrophenol		0.069	0.094	0.117	0.144	0.183	0.121	36.7
4-Nitrophenol		0.130	0.171	0.199	0.218	0.249	0.193	23.5
Dibenzofuran	1.670	1.687	1.769	1.823	1.785		1.747	3.8
2,4-Dinitrotoluene	0.239	0.292	0.373	0.398	0.415		0.343	21.8
Diethylphthalate	1.162	1.242	1.378	1.432	1.422		1.327	9.0
2-Chlorophenol	1.174	1.220	1.358	1.457	1.470		1.336	10.1

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM121124 SAS No.: BM121124 SDG No.: BM121124

Instrument ID: _____ Calibration Date(s): 12/11/2024

Calibration Time(s): 16:23

LAB FILE ID:		RRFAL1 = BM048956.D		RRFAL2 = BM048957.D		RRFAL3 = BM048958.D		
		RRFAL4 = BM048959.D		RRFAL5 = BM048960.D		RRFAL6 = BM048961.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.290	1.338	1.484	1.534	1.574		1.444	8.6
4-Chlorophenyl-phenylether	0.589	0.631	0.691	0.754	0.835		0.700	14.0
4-Nitroaniline		0.203	0.290	0.295	0.255	0.246	0.258	14.4
4,6-Dinitro-2-methylphenol		0.070	0.100	0.119	0.135	0.157	0.116	28.6
N-Nitrosodiphenylamine	0.538	0.560	0.618	0.659	0.672		0.609	9.8
1,2,4,5-Tetrachlorobenzene	0.543	0.559	0.582	0.659	0.718		0.612	12.1
4-Bromophenyl-phenylether	0.169	0.171	0.193	0.218	0.234		0.197	14.5
Hexachlorobenzene	0.208	0.216	0.235	0.252	0.274		0.237	11.4
Atrazine		0.174	0.206	0.228	0.244	0.266	0.223	15.8
Pentachlorophenol		0.098	0.123	0.144	0.168	0.200	0.147	26.8
2-Methylphenol		1.079	1.258	1.339	1.371	1.402	1.290	10.1
Phenanthrene	1.064	1.072	1.166	1.221	1.261		1.157	7.6
Pentachlorobenzene	0.283	0.286	0.304	0.338	0.363		0.315	11.1
Anthracene	1.029	1.070	1.181	1.243	1.303		1.165	9.9
1,2,3,4-Tetrachlorobenzene	0.284	0.297	0.306	0.354	0.381		0.324	12.7
Carbazole		0.949	1.090	1.132	1.156	1.166	1.099	8.1
Di-n-butylphthalate	0.850	0.942	1.144	1.259	1.323		1.103	18.4
Fluoranthene	1.217	1.221	1.325	1.399	1.439		1.320	7.6
Pyrene	1.346	1.373	1.456	1.542	1.564		1.456	6.7
Butylbenzylphthalate	0.335	0.363	0.456	0.526	0.543		0.445	21.1
3,3-Dichlorobenzidine		0.254	0.316	0.367	0.377	0.424	0.347	18.7
2,2-oxybis(1-Chloropropane)		2.078	2.217	2.290	2.229	2.183	2.199	3.5
Benzo(a)anthracene	1.179	1.210	1.358	1.433	1.527		1.341	11.0
Chrysene	1.141	1.157	1.260	1.338	1.417		1.263	9.3
Bis(2-ethylhexyl)phthalate	0.462	0.537	0.670	0.753	0.789		0.642	21.7
Di-n-octyl phthalate		0.741	0.998	1.233	1.474	1.569	1.203	28.3
Benzo(b)fluoranthene	1.039	1.108	1.245	1.367	1.566		1.265	16.7
Benzo(k)fluoranthene	1.011	1.089	1.222	1.422	1.574		1.264	18.5
Benzo(a)pyrene	0.950	1.013	1.161	1.300	1.456		1.176	17.6
Indeno(1,2,3-cd)pyrene	1.208	1.283	1.439	1.579	1.756		1.453	15.3
Dibenzo(a,h)anthracene	0.981	1.039	1.178	1.285	1.454		1.187	16.1
Benzo(g,h,i)perylene	0.950	1.010	1.117	1.205	1.295		1.115	12.6
Acetophenone		1.915	2.200	2.306	2.290	2.237	2.190	7.3
2,3,4,6-Tetrachlorophenol	0.211	0.235	0.284	0.312	0.342		0.277	19.4
1,4-Dioxane-d8	0.563	0.577	0.588	0.570	0.544		0.568	2.9
Pyridine-d5		1.477	1.691	1.781	1.754	1.747	1.690	7.3

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.: BM121124 SAS No.: BM121124 SDG No.: BM121124
Instrument ID: _____ Calibration Date(s): 12/11/2024
Calibration Time(s): 16:23

LAB FILE ID:		RRFAL1 = BM048956.D			RRFAL2 = BM048957.D		RRFAL3 = BM048958.D	
		RRFAL4 = BM048959.D			RRFAL5 = BM048960.D		RRFAL6 = BM048961.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.473	1.679	1.800	1.850	1.916	1.743	10.0
Bis-(2-Chloroethyl)ether-d8		1.089	1.169	1.240	1.212	1.210	1.184	5.0
2-Chlorophenol-d4	1.052	1.169	1.289	1.397	1.419		1.265	12.3
4-Methylphenol-d8		1.088	1.240	1.349	1.390	1.441	1.301	10.8
Nitrobenzene-d5	0.116	0.125	0.149	0.162	0.165		0.143	15.1
2-Nitrophenol-d4	0.096	0.109	0.134	0.156	0.168		0.133	23.1
2,4-Dichlorophenol-d3	0.227	0.259	0.295	0.314	0.316		0.282	13.6
4-Chloroaniline-d4		0.378	0.437	0.458	0.460	0.467	0.440	8.3
4-Methylphenol		1.210	1.378	1.474	1.502	1.524	1.417	9.1
Dimethylphthalate-d6	1.269	1.322	1.407	1.458	1.430		1.377	5.7
Acenaphthylene-d8	1.448	1.558	1.707	1.847	1.844		1.681	10.5
4-Nitrophenol-d4		0.184	0.258	0.280	0.293	0.305	0.264	18.2
Fluorene-d10	1.071	1.114	1.217	1.272	1.294		1.194	8.2
4,6-Dinitro-2-methylphenol		0.062	0.086	0.106	0.124	0.144	0.104	30.8
Anthracene-d10	0.840	0.877	0.992	1.064	1.129		0.980	12.4
Pyrene-d10	0.985	1.023	1.132	1.221	1.254		1.123	10.5
Benzo(a)pyrene-d12	0.805	0.898	1.021	1.137	1.262		1.025	17.8
N-Nitroso-di-n-propylamine	0.859	0.937	1.114	1.205	1.221		1.067	15.2

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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.: BM121324 SAS No.: BM121324 SDG NO.: BM121324

EPA Sample No.: SSTD020001 Date Analyzed: Dec 13 2024 12:00AM

Lab File ID: BM048958.D Time Analyzed: 09:45

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	156047	7.575	622746	10.34	370622	14.21
	UPPER LIMIT	312094	8.075	1245492	10.839	741244	14.71
	LOWER LIMIT	78023.5	7.075	311373	9.839	185311	13.71
	EPA SAMPLE NO.						
01	SBLK168	178130	7.57	667138	10.34	348267	14.20
02	SBLK173	151000	7.57	574555	10.33	305644	14.20
03	MDL-WATER-QT4-2024-08	150553	7.57	564256	10.33	307149	14.20
04	MDL-SOIL-QT4-2024-08	204403	7.57	805389	10.33	438589	14.21
05	MDL-MED-SOIL-QT4-2024-08	234258	7.57	918120	10.33	483190	14.20
06	SBLK149	181320	7.57	690048	10.33	371264	14.20
07	E2AT1	189771	7.57	730894	10.33	411111	14.20
08	E2AT5	155596	7.57	592053	10.33	318249	14.20
09	SBLK613	160780	7.57	601207	10.33	327819	14.20
10	SBLK610	137884	7.57	516237	10.33	284588	14.20
11	E29R6	142464	7.57	542581	10.33	296542	14.20
12	E29S9	152181	7.57	573612	10.33	311344	14.20
13	E29R7	159410	7.57	616404	10.33	352955	14.20
14	E2AT0	152308	7.57	594540	10.33	332794	14.20
15	E2AT4	150828	7.57	591535	10.33	328153	14.20
16	BH7T2	160904	7.57	612217	10.33	337639	14.20
17	BH7T5	160787	7.57	604885	10.33	334567	14.20
18	SLCS610	146600	7.57	585414	10.33	351545	14.20
19	SLCS613	171542	7.57	670996	10.33	392001	14.20

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM121324 SAS No.: BM121324 SDG NO.: BM121324

EPA Sample No.: SSTD020001 Date Analyzed: Dec 13 2024 12:00AM

Lab File ID: BM048958.D Time Analyzed: 22:13

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	156047	7.575	622746	10.34	370622	14.21
UPPER LIMIT	312094	8.075	1245492	10.839	741244	14.71
LOWER LIMIT	78023.5	7.075	311373	9.839	185311	13.71
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM121324 SAS No.: BM121324 SDG NO.: BM121324

EPA Sample No.: SSTD020062 Date Analyzed: Dec 13 2024 12:00AM

Lab File ID: BM048973.D Time Analyzed: 09:45

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	150078	7.569	585991	10.34	339697	14.20
UPPER LIMIT	300156	8.069	1171982	10.839	679394	14.704
LOWER LIMIT	75039	7.069	292995.5	9.839	169848.5	13.704
EPA SAMPLE NO.						
01 SBLK168	178130	7.57	667138	10.34	348267	14.20
02 SBLK173	151000	7.57	574555	10.33	305644	14.20
03 MDL-WATER-QT4-2024-08	150553	7.57	564256	10.33	307149	14.20
04 MDL-SOIL-QT4-2024-08	204403	7.57	805389	10.33	438589	14.21
05 MDL-MED-SOIL-QT4-2024-08	234258	7.57	918120	10.33	483190	14.20
06 SBLK149	181320	7.57	690048	10.33	371264	14.20
07 E2AT1	189771	7.57	730894	10.33	411111	14.20
08 E2AT5	155596	7.57	592053	10.33	318249	14.20

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.: BM121324 SAS No.: BM121324 SDG NO.: BM121324

EPA Sample No.: SSTD020063 Date Analyzed: Dec 13 2024 12:00AM

Lab File ID: BM048982.D Time Analyzed: 15:44

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	149284	7.569	586414	10.33	348990	14.20
UPPER LIMIT	298568	8.069	1172828	10.833	697980	14.704
LOWER LIMIT	74642	7.069	293207	9.833	174495	13.704
EPA SAMPLE NO.						
01 SBLK613	160780	7.57	601207	10.33	327819	14.20
02 SBLK610	137884	7.57	516237	10.33	284588	14.20
03 E29R6	142464	7.57	542581	10.33	296542	14.20
04 E29S9	152181	7.57	573612	10.33	311344	14.20
05 E29R7	159410	7.57	616404	10.33	352955	14.20
06 E2AT0	152308	7.57	594540	10.33	332794	14.20
07 E2AT4	150828	7.57	591535	10.33	328153	14.20
08 BH7T2	160904	7.57	612217	10.33	337639	14.20
09 BH7T5	160787	7.57	604885	10.33	334567	14.20
10 SLCS610	146600	7.57	585414	10.33	351545	14.20
11 SLCS613	171542	7.57	670996	10.33	392001	14.20

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.: BM121324 SAS No.: BM121324 SDG NO.: BM121324

EPA Sample No.: SSTD020001 Date Analyzed: Dec 13 2024 12:00AM

Lab File ID: BM048958.D Time Analyzed: 09:45

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	685548	16.956	635517	21.18	630762	23.997
	UPPER LIMIT	1371096	17.456	1271034	21.68	1261524	24.497
	LOWER LIMIT	342774	16.456	317758.5	20.68	315381	23.497
	EPA SAMPLE NO.						
01	SBLK168	653452	16.95	509749	21.17	549922	23.98
02	SBLK173	564232	16.95	454061	21.17	502710	23.99
03	MDL-WATER-QT4-2024-08	595950	16.95	481908	21.17	508069	23.98
04	MDL-SOIL-QT4-2024-08	843616	16.95	713740	21.17	738713	23.99
05	MDL-MED-SOIL-QT4-2024-08	921953	16.95	776349	21.17	817845	23.98
06	SBLK149	688908	16.95	553181	21.17	607122	23.98
07	E2AT1	772281	16.95	646754	21.17	682075	23.99
08	E2AT5	575658	16.95	476632	21.17	507892	23.98
09	SBLK613	631703	16.95	553501	21.17	590196	23.98
10	SBLK610	549331	16.95	480794	21.17	524147	23.98
11	E29R6	553572	16.95	472617	21.17	504465	23.98
12	E29S9	578918	16.95	493797	21.17	534026	23.98
13	E29R7	660451	16.95	601580	21.17	647216	23.98
14	E2AT0	609971	16.95	525212	21.17	569410	23.98
15	E2AT4	603387	16.95	508003	21.17	537808	23.98
16	BH7T2	641162	16.95	541471	21.17	574218	23.98
17	BH7T5	626311	16.95	542716	21.17	578612	23.98
18	SLCS610	660206	16.95	619285	21.17	616691	23.98
19	SLCS613	747982	16.95	707678	21.17	671137	23.98

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM121324 SAS No.: BM121324 SDG NO.: BM121324

EPA Sample No.: SSTD020001 Date Analyzed: Dec 13 2024 12:00AM

Lab File ID: BM048958.D Time Analyzed: 22:13

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	685548	16.956	635517	21.18	630762	23.997
UPPER LIMIT	1371096	17.456	1271034	21.68	1261524	24.497
LOWER LIMIT	342774	16.456	317758.5	20.68	315381	23.497
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM121324 SAS No.: BM121324 SDG NO.: BM121324

EPA Sample No.: SSTD020062 Date Analyzed: Dec 13 2024 12:00AM

Lab File ID: BM048973.D Time Analyzed: 09:45

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	643379	16.951	601928	21.174	615646	23.986
UPPER LIMIT	1286758	17.451	1203856	21.674	1231292	24.486
LOWER LIMIT	321689.5	16.451	300964	20.674	307823	23.486
EPA SAMPLE NO.						
01 SBLK168	653452	16.95	509749	21.17	549922	23.98
02 SBLK173	564232	16.95	454061	21.17	502710	23.99
03 MDL-WATER-QT4-2024-08	595950	16.95	481908	21.17	508069	23.98
04 MDL-SOIL-QT4-2024-08	843616	16.95	713740	21.17	738713	23.99
05 MDL-MED-SOIL-QT4-2024-08	921953	16.95	776349	21.17	817845	23.98
06 SBLK149	688908	16.95	553181	21.17	607122	23.98
07 E2AT1	772281	16.95	646754	21.17	682075	23.99
08 E2AT5	575658	16.95	476632	21.17	507892	23.98

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.: BM121324 SAS No.: BM121324 SDG NO.: BM121324

EPA Sample No.: SSTD020063 Date Analyzed: Dec 13 2024 12:00AM

Lab File ID: BM048982.D Time Analyzed: 15:44

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	648239	16.951	603704	21.174	600979	23.98
UPPER LIMIT	1296478	17.451	1207408	21.674	1201958	24.48
LOWER LIMIT	324119.5	16.451	301852	20.674	300489.5	23.48
EPA SAMPLE NO.						
01 SBLK613	631703	16.95	553501	21.17	590196	23.98
02 SBLK610	549331	16.95	480794	21.17	524147	23.98
03 E29R6	553572	16.95	472617	21.17	504465	23.98
04 E29S9	578918	16.95	493797	21.17	534026	23.98
05 E29R7	660451	16.95	601580	21.17	647216	23.98
06 E2AT0	609971	16.95	525212	21.17	569410	23.98
07 E2AT4	603387	16.95	508003	21.17	537808	23.98
08 BH7T2	641162	16.95	541471	21.17	574218	23.98
09 BH7T5	626311	16.95	542716	21.17	578612	23.98
10 SLCS610	660206	16.95	619285	21.17	616691	23.98
11 SLCS613	747982	16.95	707678	21.17	671137	23.98

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.: BM121324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165610BS	1,4-Dioxane	16	11	ug/L	69				0	0	
	Benzaldehyde	40	6.5	ug/L	16				0	0	
	Pyridine	40	30	ug/L	75				0	0	
	Phenol	40	30	ug/L	75				0	0	
	Bis(2-chloroethyl)ether	40	28	ug/L	70				0	0	
	2-Chlorophenol	40	31	ug/L	78				0	0	
	2-Methylphenol	40	29	ug/L	73				0	0	
	2,2-oxybis(1-Chloropropane)	40	28	ug/L	70				0	0	
	Acetophenone	40	27	ug/L	68				0	0	
	4-Methylphenol	40	29	ug/L	73				0	0	
	N-Nitroso-di-n-propylamine	40	29	ug/L	73				0	0	
	Hexachloroethane	40	28	ug/L	70				0	0	
	Nitrobenzene	40	28	ug/L	70				0	0	
	Isophorone	40	29	ug/L	73				0	0	
	2-Nitrophenol	40	29	ug/L	73				0	0	
	2,4-Dimethylphenol	40	30	ug/L	75				0	0	
	Bis(2-chloroethoxy)methane	40	29	ug/L	73				0	0	
	2,4-Dichlorophenol	40	32	ug/L	80				0	0	
	Naphthalene	40	28	ug/L	70				0	0	
	4-Chloroaniline	40	17	ug/L	43				0	0	
	Hexachlorobutadiene	40	28	ug/L	70				0	0	
	Caprolactam	40	27	ug/L	68				0	0	
	4-Chloro-3-methylphenol	40	31	ug/L	78				0	0	
	1-Methylnaphthalene	40	29	ug/L	73				0	0	
	2-Methylnaphthalene	40	29	ug/L	73				0	0	
	Hexachlorocyclopentadiene	40	20	ug/L	50				0	0	
	2,4,6-Trichlorophenol	40	29	ug/L	73				0	0	
	2,4,5-Trichlorophenol	40	29	ug/L	73				0	0	
	1,1'-Biphenyl	40	28	ug/L	70				0	0	
	2-Chloronaphthalene	40	28	ug/L	70				0	0	
	2-Nitroaniline	40	30	ug/L	75				0	0	
	Dimethylphthalate	40	29	ug/L	73				0	0	
	2,6-Dinitrotoluene	40	30	ug/L	75				0	0	
	Acenaphthylene	40	29	ug/L	73				0	0	
	3-Nitroaniline	40	29	ug/L	73				0	0	
	Acenaphthene	40	28	ug/L	70				0	0	
	2,4-Dinitrophenol	40	22	ug/L	55				0	0	
	4-Nitrophenol	40	26	ug/L	65				0	0	
	Dibenzofuran	40	29	ug/L	73				0	0	
	2,4-Dinitrotoluene	40	32	ug/L	80				0	0	
	Diethylphthalate	40	30	ug/L	75				0	0	
	Fluorene	40	29	ug/L	73				0	0	
	4-Chlorophenyl-phenylether	40	29	ug/L	73				0	0	
	4-Nitroaniline	40	36	ug/L	90				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM121324

Client: _____

Analytical Method: SFAM_SVOC DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165610BS	4,6-Dinitro-2-methylphenol	40	24	ug/L	60				0	0		
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0		
	1,2,4,5-Tetrachlorobenzene	40	27	ug/L	68				0	0		
	4-Bromophenyl-phenylether	40	28	ug/L	70				0	0		
	Hexachlorobenzene	40	28	ug/L	70				0	0		
	Atrazine	40	24	ug/L	60				0	0		
	Pentachlorophenol	40	25	ug/L	63				0	0		
	Phenanthrene	40	29	ug/L	73				0	0		
	Pentachlorobenzene	40	26	ug/L	65				0	0		
	Anthracene	40	29	ug/L	73				0	0		
	1,2,3,4-Tetrachlorobenzene	40	26	ug/L	65				0	0		
	Carbazole	40	28	ug/L	70				0	0		
	Di-n-butylphthalate	40	31	ug/L	78				0	0		
	Fluoranthene	40	29	ug/L	73				0	0		
	Pyrene	40	29	ug/L	73				0	0		
	Butylbenzylphthalate	40	31	ug/L	78				0	0		
	3,3'-Dichlorobenzidine	40	24	ug/L	60				0	0		
	Benzo(a)anthracene	40	29	ug/L	73				0	0		
	Chrysene	40	29	ug/L	73				0	0		
	Bis(2-ethylhexyl)phthalate	40	32	ug/L	80				0	0		
	Di-n-octylphthalate	40	25	ug/L	63				0	0		
	Benzo(b)fluoranthene	40	29	ug/L	73				0	0		
	Benzo(k)fluoranthene	40	29	ug/L	73				0	0		
	Benzo(a)pyrene	40	29	ug/L	73				0	0		
	Indeno(1,2,3-cd)pyrene	40	30	ug/L	75				0	0		
	Dibenzo(a,h)anthracene	40	30	ug/L	75				0	0		
	Benzo(g,h,i)perylene	40	31	ug/L	78				0	0		
	2,3,4,6-Tetrachlorophenol	40	31	ug/L	78				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM121324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165613BS	1,4-Dioxane	16	11	ug/L	69				0	0	
	Benzaldehyde	40	5.7	ug/L	14				0	0	
	Pyridine	40	29	ug/L	73				0	0	
	Phenol	40	29	ug/L	73				0	0	
	Bis(2-chloroethyl)ether	40	27	ug/L	68				0	0	
	2-Chlorophenol	40	30	ug/L	75				0	0	
	2-Methylphenol	40	28	ug/L	70				0	0	
	2,2-oxybis(1-Chloropropane)	40	27	ug/L	68				0	0	
	Acetophenone	40	27	ug/L	68				0	0	
	4-Methylphenol	40	29	ug/L	73				0	0	
	N-Nitroso-di-n-propylamine	40	29	ug/L	73				0	0	
	Hexachloroethane	40	28	ug/L	70				0	0	
	Nitrobenzene	40	29	ug/L	73				0	0	
	Isophorone	40	30	ug/L	75				0	0	
	2-Nitrophenol	40	29	ug/L	73				0	0	
	2,4-Dimethylphenol	40	30	ug/L	75				0	0	
	Bis(2-chloroethoxy)methane	40	29	ug/L	73				0	0	
	2,4-Dichlorophenol	40	31	ug/L	78				0	0	
	Naphthalene	40	27	ug/L	68				0	0	
	4-Chloroaniline	40	17	ug/L	43				0	0	
	Hexachlorobutadiene	40	27	ug/L	68				0	0	
	Caprolactam	40	27	ug/L	68				0	0	
	4-Chloro-3-methylphenol	40	32	ug/L	80				0	0	
	1-Methylnaphthalene	40	28	ug/L	70				0	0	
	2-Methylnaphthalene	40	28	ug/L	70				0	0	
	Hexachlorocyclopentadiene	40	20	ug/L	50				0	0	
	2,4,6-Trichlorophenol	40	30	ug/L	75				0	0	
	2,4,5-Trichlorophenol	40	30	ug/L	75				0	0	
	1,1'-Biphenyl	40	27	ug/L	68				0	0	
	2-Chloronaphthalene	40	27	ug/L	68				0	0	
	2-Nitroaniline	40	31	ug/L	78				0	0	
	Dimethylphthalate	40	29	ug/L	73				0	0	
	2,6-Dinitrotoluene	40	30	ug/L	75				0	0	
	Acenaphthylene	40	28	ug/L	70				0	0	
	3-Nitroaniline	40	29	ug/L	73				0	0	
	Acenaphthene	40	28	ug/L	70				0	0	
	2,4-Dinitrophenol	40	22	ug/L	55				0	0	
	4-Nitrophenol	40	28	ug/L	70				0	0	
	Dibenzofuran	40	28	ug/L	70				0	0	
	2,4-Dinitrotoluene	40	31	ug/L	78				0	0	
	Diethylphthalate	40	30	ug/L	75				0	0	
	Fluorene	40	28	ug/L	70				0	0	
	4-Chlorophenyl-phenylether	40	29	ug/L	73				0	0	
	4-Nitroaniline	40	35	ug/L	88				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM121324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165613BS	4,6-Dinitro-2-methylphenol	40	24	ug/L	60				0	0		
	N-Nitrosodiphenylamine	40	27	ug/L	68				0	0		
	1,2,4,5-Tetrachlorobenzene	40	27	ug/L	68				0	0		
	4-Bromophenyl-phenylether	40	28	ug/L	70				0	0		
	Hexachlorobenzene	40	28	ug/L	70				0	0		
	Atrazine	40	24	ug/L	60				0	0		
	Pentachlorophenol	40	25	ug/L	63				0	0		
	Phenanthrene	40	28	ug/L	70				0	0		
	Pentachlorobenzene	40	25	ug/L	63				0	0		
	Anthracene	40	28	ug/L	70				0	0		
	1,2,3,4-Tetrachlorobenzene	40	25	ug/L	63				0	0		
	Carbazole	40	27	ug/L	68				0	0		
	Di-n-butylphthalate	40	30	ug/L	75				0	0		
	Fluoranthene	40	28	ug/L	70				0	0		
	Pyrene	40	28	ug/L	70				0	0		
	Butylbenzylphthalate	40	30	ug/L	75				0	0		
	3,3'-Dichlorobenzidine	40	24	ug/L	60				0	0		
	Benzo(a)anthracene	40	28	ug/L	70				0	0		
	Chrysene	40	28	ug/L	70				0	0		
	Bis(2-ethylhexyl)phthalate	40	30	ug/L	75				0	0		
	Di-n-octylphthalate	40	25	ug/L	63				0	0		
	Benzo(b)fluoranthene	40	28	ug/L	70				0	0		
	Benzo(k)fluoranthene	40	29	ug/L	73				0	0		
	Benzo(a)pyrene	40	29	ug/L	73				0	0		
	Indeno(1,2,3-cd)pyrene	40	29	ug/L	73				0	0		
	Dibenzo(a,h)anthracene	40	29	ug/L	73				0	0		
	Benzo(g,h,i)perylene	40	30	ug/L	75				0	0		
	2,3,4,6-Tetrachlorophenol	40	31	ug/L	78				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK149

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM121324

SAS No.: BM121324 SDG NO.: BM121324

Lab File ID: BM048979.D

Lab Sample ID: PB165149BL

Instrument ID: BNA_M

Date Extracted: 11/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/13/2024

Level: (low/med) MED

Time Analyzed: 13:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-MED-SOIL-QT4-2024-08	P4776-06	BM048978.D	12/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK168

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM121324

SAS No.: BM121324 SDG NO.: BM121324

Lab File ID: BM048974.D

Lab Sample ID: PB165168BL

Instrument ID: BNA_M

Date Extracted: 11/21/2024

Matrix: (soil/water) Water

Date Analyzed: 12/13/2024

Level: (low/med) LOW

Time Analyzed: 09:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT4-2024-08	P4776-02	BM048976.D	12/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK173

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM121324

SAS No.: BM121324 SDG NO.: BM121324

Lab File ID: BM048975.D

Lab Sample ID: PB165173BL

Instrument ID: BNA_M

Date Extracted: 11/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/13/2024

Level: (low/med) LOW

Time Analyzed: 10:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT4-2024-08	P4776-04	BM048977.D	12/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK610

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM121324

SAS No.: BM121324 SDG NO.: BM121324

Lab File ID: BM048984.D

Lab Sample ID: PB165610BL

Instrument ID: BNA_M

Date Extracted: 12/11/2024

Matrix: (soil/water) Water

Date Analyzed: 12/13/2024

Level: (low/med) LOW

Time Analyzed: 16:23

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E29R7	P5228-01	BM048987.D	12/13/2024
E2AT0	P5228-03	BM048988.D	12/13/2024
E2AT4	P5228-04	BM048989.D	12/13/2024
BH7T2	P5247-02	BM048990.D	12/13/2024
BH7T5	P5247-04	BM048991.D	12/13/2024
PB165610BS	PB165610BS	BM048992.D	12/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK613

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM121324

SAS No.: BM121324 SDG NO.: BM121324

Lab File ID: BM048983.D

Lab Sample ID: PB165613BL

Instrument ID: BNA_M

Date Extracted: 12/12/2024

Matrix: (soil/water) Water

Date Analyzed: 12/13/2024

Level: (low/med) LOW

Time Analyzed: 15:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2AT1	P5228-11	BM048980.D	12/13/2024
E2AT5	P5228-12	BM048981.D	12/13/2024
PB165613BS	PB165613BS	BM048993.D	12/13/2024
E29R6	P5228-13	BM048985.D	12/13/2024
E29S9	P5228-14	BM048986.D	12/13/2024

COMMENTS: _____



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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM121324

Client: _____

Analytical Method: _____

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
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Lab Sample ID:

Client Sample ID:

DataFile:

Surrogate Summary

SW-846

SDG No.: BM121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4776-06	MDL-MED-SOIL-(BM048978.D		1,4-Dioxane-d8	8	3.42	43		15	120
			Pyridine-d5	40	11.52	29		20	120
			Phenol-d5	40	11.69	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.57	31		10	150
			2-Chlorophenol-d4	40	12.55	31		15	120
			4-Methylphenol-d8	40	10.71	27		10	140
			Nitrobenzene-d5	40	12.16	30		10	135
			2-Nitrophenol-d4	40	10.92	27		10	120
			2,4-Dichlorophenol-d3	40	11.47	29		10	140
			4-Chloroaniline-d4	40	10.59	26		1	145
			Dimethylphthalate-d6	40	12.13	30		10	145
			Acenaphthylene-d8	40	12.31	31		15	120
			4-Nitrophenol-d4	40	8.90	22		10	150
			Fluorene-d10	40	12.36	31		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.60	16		10	130
			Anthracene-d10	40	10.59	26		10	150
			Pyrene-d10	40	12.74	32		10	130
			Benzo(a)pyrene-d12	40	11.90	30		10	140
PB165149BL	PB165149BL	BM048979.D	1,4-Dioxane-d8	8	6.92	87		15	120
			Pyridine-d5	40	32.96	82		20	120
			Phenol-d5	40	33.84	85		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.18	88		10	150
			2-Chlorophenol-d4	40	36.14	90		15	120
			4-Methylphenol-d8	40	32.00	80		10	140
			Nitrobenzene-d5	40	37.25	93		10	135
			2-Nitrophenol-d4	40	35.30	88		10	120
			2,4-Dichlorophenol-d3	40	33.75	84		10	140
			4-Chloroaniline-d4	40	32.10	80		1	145
			Dimethylphthalate-d6	40	37.87	95		10	145
			Acenaphthylene-d8	40	37.11	93		15	120
			4-Nitrophenol-d4	40	25.48	64		10	150
			Fluorene-d10	40	37.30	93		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.35	53		10	130
			Anthracene-d10	40	36.49	91		10	150
			Pyrene-d10	40	44.60	112		10	130
			Benzo(a)pyrene-d12	40	38.14	95		10	140

Surrogate Summary

SW-846

SDG No.: BM121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4776-02	MDL-WATER-QT4BM048976.D		Pyridine-d5	40	11.82	30		20	120
			1,4-Dioxane-d8	8	3.34	42		15	120
			Phenol-d5	40	11.16	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.23	31		25	120
			2-Chlorophenol-d4	40	11.73	29		20	130
			4-Methylphenol-d8	40	10.50	26		25	125
			Nitrobenzene-d5	40	11.73	29		20	125
			2-Nitrophenol-d4	40	10.27	26		20	130
			2,4-Dichlorophenol-d3	40	11.26	28		20	120
			4-Chloroaniline-d4	40	10.84	27		1	146
			Dimethylphthalate-d6	40	12.28	31		25	130
			Acenaphthylene-d8	40	12.19	30		10	130
			4-Nitrophenol-d4	40	7.95	20		10	150
			Fluorene-d10	40	12.36	31		25	125
			4,6-Dinitro-2-methylphenol-d2	40	5.83	15		10	130
			Anthracene-d10	40	11.01	28		25	130
			Pyrene-d10	40	12.82	32		15	130
			Benzo(a)pyrene-d12	40	11.44	29		20	130
PB165168BL	PB165168BL	BM048974.D	1,4-Dioxane-d8	8	6.64	83		15	120
			Pyridine-d5	40	31.39	78		20	120
			Phenol-d5	40	31.74	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.97	82		25	120
			2-Chlorophenol-d4	40	34.20	86		20	130
			4-Methylphenol-d8	40	30.06	75		25	125
			Nitrobenzene-d5	40	34.89	87		20	125
			2-Nitrophenol-d4	40	33.92	85		20	130
			2,4-Dichlorophenol-d3	40	31.41	79		20	120
			4-Chloroaniline-d4	40	29.48	74		1	146
			Dimethylphthalate-d6	40	35.97	90		25	130
			Acenaphthylene-d8	40	35.36	88		10	130
			4-Nitrophenol-d4	40	23.24	58		10	150
			Fluorene-d10	40	35.93	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.20	50		10	130
			Anthracene-d10	40	34.48	86		25	130
			Pyrene-d10	40	42.33	106		15	130
			Benzo(a)pyrene-d12	40	36.29	91		20	130

Surrogate Summary

SW-846

SDG No.: BM121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4776-04	MDL-SOIL-QT4-2(BM048977.D		1,4-Dioxane-d8	8	3.17	40		15	120
			Pyridine-d5	40	11.55	29		20	120
			Phenol-d5	40	11.85	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.71	32		10	150
			2-Chlorophenol-d4	40	12.41	31		15	120
			4-Methylphenol-d8	40	10.93	27		10	140
			Nitrobenzene-d5	40	12.10	30		10	135
			2-Nitrophenol-d4	40	10.96	27		10	120
			2,4-Dichlorophenol-d3	40	11.43	29		10	140
			4-Chloroaniline-d4	40	10.72	27		1	145
			Dimethylphthalate-d6	40	11.82	30		10	145
			Acenaphthylene-d8	40	12.11	30		15	120
			4-Nitrophenol-d4	40	8.85	22		10	150
			Fluorene-d10	40	12.16	30		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.59	16		10	130
			Anthracene-d10	40	10.64	27		10	150
			Pyrene-d10	40	12.79	32		10	130
			Benzo(a)pyrene-d12	40	11.78	29		10	140
PB165173BL	PB165173BL	BM048975.D	Pyridine-d5	40	33.58	84		20	120
			1,4-Dioxane-d8	8	7.15	89		15	120
			Phenol-d5	40	33.48	84		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.39	88		10	150
			2-Chlorophenol-d4	40	36.00	90		15	120
			4-Methylphenol-d8	40	32.06	80		10	140
			Nitrobenzene-d5	40	36.72	92		10	135
			2-Nitrophenol-d4	40	35.80	89		10	120
			2,4-Dichlorophenol-d3	40	33.65	84		10	140
			4-Chloroaniline-d4	40	31.63	79		1	145
			Dimethylphthalate-d6	40	37.86	95		10	145
			Acenaphthylene-d8	40	37.57	94		15	120
			4-Nitrophenol-d4	40	24.47	61		10	150
			Fluorene-d10	40	37.73	94		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.54	54		10	130
			Anthracene-d10	40	37.74	94		10	150
			Pyrene-d10	40	45.50	114		10	130
			Benzo(a)pyrene-d12	40	38.10	95		10	140

Surrogate Summary

SW-846

SDG No.: BM121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5228-01	E29R7	BM048987.D	1,4-Dioxane-d8	8	4.85	61		15	120
			Pyridine-d5	40	7.89	20		20	120
			Phenol-d5	40	7.36	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.93	77		25	120
			2-Chlorophenol-d4	40	27.53	69		20	130
			4-Methylphenol-d8	40	17.28	43		25	125
			Nitrobenzene-d5	40	31.47	79		20	125
			2-Nitrophenol-d4	40	30.22	76		20	130
			2,4-Dichlorophenol-d3	40	29.05	73		20	120
			4-Chloroaniline-d4	40	23.64	59		1	146
			Dimethylphthalate-d6	40	33.65	84		25	130
			Acenaphthylene-d8	40	33.00	82		10	130
			4-Nitrophenol-d4	40	4.62	12		10	150
			Fluorene-d10	40	36.80	92		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.06	55		10	130
			Anthracene-d10	40	41.44	104		25	130
			Pyrene-d10	40	45.70	114		15	130
			Benzo(a)pyrene-d12	40	41.69	104		20	130
P5228-03	E2AT0	BM048988.D	1,4-Dioxane-d8	8	4.60	57		15	120
			Pyridine-d5	40	5.86	15	*	20	120
			Phenol-d5	40	7.23	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.71	89		25	120
			2-Chlorophenol-d4	40	31.64	79		20	130
			4-Methylphenol-d8	40	18.49	46		25	125
			Nitrobenzene-d5	40	37.68	94		20	125
			2-Nitrophenol-d4	40	35.92	90		20	130
			2,4-Dichlorophenol-d3	40	34.08	85		20	120
			4-Chloroaniline-d4	40	21.10	53		1	146
			Dimethylphthalate-d6	40	37.52	94		25	130
			Acenaphthylene-d8	40	36.89	92		10	130
			4-Nitrophenol-d4	40	3.79	9	*	10	150
			Fluorene-d10	40	38.87	97		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.34	53		10	130
			Anthracene-d10	40	39.82	100		25	130
			Pyrene-d10	40	45.28	113		15	130
			Benzo(a)pyrene-d12	40	40.44	101		20	130
P5228-04	E2AT4	BM048989.D	1,4-Dioxane-d8	8	5.58	70		15	120
			Pyridine-d5	40	12.32	31		20	120
			Phenol-d5	40	8.22	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.94	87		25	120
			2-Chlorophenol-d4	40	31.47	79		20	130
			4-Methylphenol-d8	40	19.79	49		25	125
			Nitrobenzene-d5	40	35.72	89		20	125
			2-Nitrophenol-d4	40	34.44	86		20	130
			2,4-Dichlorophenol-d3	40	33.13	83		20	120
			4-Chloroaniline-d4	40	30.12	75		1	146
			Dimethylphthalate-d6	40	36.72	92		25	130
			Acenaphthylene-d8	40	36.43	91		10	130
			4-Nitrophenol-d4	40	3.52	9	*	10	150

Surrogate Summary

SW-846

SDG No.: BM121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5228-04	E2AT4	BM048989.D	Fluorene-d10	40	38.22	96		25	125
			4,6-Dinitro-2-methylphenol-d2	40	17.60	44		10	130
			Anthracene-d10	40	39.59	99		25	130
			Pyrene-d10	40	45.78	114		15	130
			Benzo(a)pyrene-d12	40	40.05	100		20	130
P5247-02	BH7T2	BM048990.D	1,4-Dioxane-d8	8	4.68	58		15	120
			Pyridine-d5	40	8.59	21		20	120
			Phenol-d5	40	8.62	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.40	78		25	120
			2-Chlorophenol-d4	40	28.33	71		20	130
			4-Methylphenol-d8	40	19.22	48		25	125
			Nitrobenzene-d5	40	31.87	80		20	125
			2-Nitrophenol-d4	40	30.79	77		20	130
			2,4-Dichlorophenol-d3	40	29.72	74		20	120
			4-Chloroaniline-d4	40	25.40	63		1	146
			Dimethylphthalate-d6	40	34.59	86		25	130
			Acenaphthylene-d8	40	31.93	80		10	130
			4-Nitrophenol-d4	40	4.51	11		10	150
			Fluorene-d10	40	34.92	87		25	125
			4,6-Dinitro-2-methylphenol-d2	40	18.72	47		10	130
			Anthracene-d10	40	36.08	90		25	130
			Pyrene-d10	40	41.29	103		15	130
			Benzo(a)pyrene-d12	40	36.41	91		20	130
			1,4-Dioxane-d8	8	4.61	58		15	120
			Pyridine-d5	40	5.63	14	*	20	120
			Phenol-d5	40	7.60	19		10	130
P5247-04	BH7T5	BM048991.D	Bis(2-Chloroethyl)ether-d8	40	30.51	76		25	120
			2-Chlorophenol-d4	40	27.54	69		20	130
			4-Methylphenol-d8	40	17.37	43		25	125
			Nitrobenzene-d5	40	31.86	80		20	125
			2-Nitrophenol-d4	40	30.50	76		20	130
			2,4-Dichlorophenol-d3	40	30.02	75		20	120
			4-Chloroaniline-d4	40	19.63	49		1	146
			Dimethylphthalate-d6	40	34.93	87		25	130
			Acenaphthylene-d8	40	31.39	78		10	130
			4-Nitrophenol-d4	40	3.96	10		10	150
			Fluorene-d10	40	34.71	87		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.83	50		10	130
			Anthracene-d10	40	36.70	92		25	130
			Pyrene-d10	40	42.57	106		15	130
			Benzo(a)pyrene-d12	40	37.58	94		20	130
			1,4-Dioxane-d8	8	6.04	76		15	120
			Pyridine-d5	40	29.69	74		20	120
			Phenol-d5	40	28.00	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.29	68		25	120
			2-Chlorophenol-d4	40	28.79	72		20	130
PB165610BL	PB165610BL	BM048984.D	4-Methylphenol-d8	40	26.54	66		25	125
			Nitrobenzene-d5	40	27.18	68		20	125
			2-Nitrophenol-d4	40	24.96	62		20	130

Surrogate Summary

SW-846

SDG No.: BM121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165610BL	PB165610BL	BM048984.D	2,4-Dichlorophenol-d3	40	26.91	67		20	120
			4-Chloroaniline-d4	40	25.47	64		1	146
			Dimethylphthalate-d6	40	28.85	72		25	130
			Acenaphthylene-d8	40	27.74	69		10	130
			4-Nitrophenol-d4	40	17.24	43		10	150
			Fluorene-d10	40	28.94	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	13.55	34		10	130
			Anthracene-d10	40	28.28	71		25	130
			Pyrene-d10	40	30.59	76		15	130
			Benzo(a)pyrene-d12	40	27.75	69		20	130
PB165610BS	PB165610BS	BM048992.D	1,4-Dioxane-d8	8	5.76	72		15	120
			Pyridine-d5	40	29.37	73		20	120
			Phenol-d5	40	29.08	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.20	68		25	120
			2-Chlorophenol-d4	40	30.04	75		20	130
			4-Methylphenol-d8	40	28.09	70		25	125
			Nitrobenzene-d5	40	28.55	71		20	125
			2-Nitrophenol-d4	40	27.30	68		20	130
			2,4-Dichlorophenol-d3	40	30.73	77		20	120
			4-Chloroaniline-d4	40	25.22	63		1	146
			Dimethylphthalate-d6	40	27.93	70		25	130
			Acenaphthylene-d8	40	27.57	69		10	130
			4-Nitrophenol-d4	40	27.50	69		10	150
			Fluorene-d10	40	28.35	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.27	56		10	130
			Anthracene-d10	40	28.22	71		25	130
			Pyrene-d10	40	28.18	70		15	130
			Benzo(a)pyrene-d12	40	28.11	70		20	130

Surrogate Summary

SW-846

SDG No.: BM121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5228-11	E2AT1	BM048980.D	Pyridine-d5	40	7.27	18	*	20	120
			1,4-Dioxane-d8	8	5.14	64		15	120
			Phenol-d5	40	8.56	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.01	75		25	120
			2-Chlorophenol-d4	40	28.46	71		20	130
			4-Methylphenol-d8	40	19.16	48		25	125
			Nitrobenzene-d5	40	31.55	79		20	125
			2-Nitrophenol-d4	40	31.46	79		20	130
			2,4-Dichlorophenol-d3	40	29.64	74		20	120
			4-Chloroaniline-d4	40	24.27	61		1	146
			Dimethylphthalate-d6	40	34.30	86		25	130
			Acenaphthylene-d8	40	31.92	80		10	130
			4-Nitrophenol-d4	40	4.77	12		10	150
			Fluorene-d10	40	34.44	86		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.49	49		10	130
			Anthracene-d10	40	35.53	89		25	130
			Pyrene-d10	40	40.74	102		15	130
			Benzo(a)pyrene-d12	40	35.81	90		20	130
P5228-12	E2AT5	BM048981.D	1,4-Dioxane-d8	8	5.12	64		15	120
			Pyridine-d5	40	3.77	9	*	20	120
			Phenol-d5	40	7.94	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.96	82		25	120
			2-Chlorophenol-d4	40	30.26	76		20	130
			4-Methylphenol-d8	40	18.44	46		25	125
			Nitrobenzene-d5	40	34.24	86		20	125
			2-Nitrophenol-d4	40	32.74	82		20	130
			2,4-Dichlorophenol-d3	40	31.37	78		20	120
			4-Chloroaniline-d4	40	9.94	25		1	146
			Dimethylphthalate-d6	40	35.50	89		25	130
			Acenaphthylene-d8	40	33.76	84		10	130
			4-Nitrophenol-d4	40	3.95	10		10	150
			Fluorene-d10	40	36.26	91		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.20	51		10	130
			Anthracene-d10	40	38.07	95		25	130
			Pyrene-d10	40	43.77	109		15	130
			Benzo(a)pyrene-d12	40	38.50	96		20	130
P5228-13	E29R6	BM048985.D	1,4-Dioxane-d8	8	5.09	64		15	120
			Pyridine-d5	40	8.53	21		20	120
			Phenol-d5	40	7.90	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.28	81		25	120
			2-Chlorophenol-d4	40	28.96	72		20	130
			4-Methylphenol-d8	40	18.15	45		25	125
			Nitrobenzene-d5	40	32.63	82		20	125
			2-Nitrophenol-d4	40	30.66	77		20	130
			2,4-Dichlorophenol-d3	40	29.96	75		20	120
			4-Chloroaniline-d4	40	24.63	62		1	146
			Dimethylphthalate-d6	40	34.90	87		25	130
			Acenaphthylene-d8	40	32.67	82		10	130
			4-Nitrophenol-d4	40	4.16	10		10	150

Surrogate Summary

SW-846

SDG No.: BM121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5228-13	E29R6	BM048985.D	Fluorene-d10	40	36.43	91		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.64	52		10	130
			Anthracene-d10	40	38.74	97		25	130
			Pyrene-d10	40	44.20	110		15	130
			Benzo(a)pyrene-d12	40	39.16	98		20	130
P5228-14	E29S9	BM048986.D	1,4-Dioxane-d8	8	5.03	63		15	120
			Pyridine-d5	40	7.41	19	*	20	120
			Phenol-d5	40	8.94	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.54	81		25	120
			2-Chlorophenol-d4	40	30.60	77		20	130
			4-Methylphenol-d8	40	19.54	49		25	125
			Nitrobenzene-d5	40	33.57	84		20	125
			2-Nitrophenol-d4	40	33.07	83		20	130
			2,4-Dichlorophenol-d3	40	31.31	78		20	120
			4-Chloroaniline-d4	40	23.70	59		1	146
			Dimethylphthalate-d6	40	36.44	91		25	130
			Acenaphthylene-d8	40	34.23	86		10	130
			4-Nitrophenol-d4	40	4.95	12		10	150
			Fluorene-d10	40	37.30	93		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.60	52		10	130
			Anthracene-d10	40	38.71	97		25	130
			Pyrene-d10	40	43.78	109		15	130
			Benzo(a)pyrene-d12	40	38.40	96		20	130
PB165613BL	PB165613BL	BM048983.D	1,4-Dioxane-d8	8	5.57	70		15	120
			Pyridine-d5	40	28.19	70		20	120
			Phenol-d5	40	27.02	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.34	66		25	120
			2-Chlorophenol-d4	40	28.04	70		20	130
			4-Methylphenol-d8	40	25.66	64		25	125
			Nitrobenzene-d5	40	26.81	67		20	125
			2-Nitrophenol-d4	40	24.75	62		20	130
			2,4-Dichlorophenol-d3	40	25.53	64		20	120
			4-Chloroaniline-d4	40	24.34	61		1	146
			Dimethylphthalate-d6	40	28.60	72		25	130
			Acenaphthylene-d8	40	27.38	68		10	130
			4-Nitrophenol-d4	40	17.47	44		10	150
			Fluorene-d10	40	27.74	69		25	125
			4,6-Dinitro-2-methylphenol-d2	40	13.81	35		10	130
			Anthracene-d10	40	26.96	67		25	130
			Pyrene-d10	40	29.48	74		15	130
			Benzo(a)pyrene-d12	40	27.03	68		20	130
PB165613BS	PB165613BS	BM048993.D	1,4-Dioxane-d8	8	5.52	69		15	120
			Pyridine-d5	40	28.88	72		20	120
			Phenol-d5	40	28.73	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.79	67		25	120
			2-Chlorophenol-d4	40	29.68	74		20	130
			4-Methylphenol-d8	40	27.82	70		25	125
			Nitrobenzene-d5	40	27.97	70		20	125
			2-Nitrophenol-d4	40	27.25	68		20	130

Surrogate Summary

SW-846

SDG No.: BM121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165613BS	PB165613BS	BM048993.D	2,4-Dichlorophenol-d3	40	30.14	75		20	120
			4-Chloroaniline-d4	40	24.33	61		1	146
			Dimethylphthalate-d6	40	28.34	71		25	130
			Acenaphthylene-d8	40	27.46	69		10	130
			4-Nitrophenol-d4	40	27.19	68		10	150
			Fluorene-d10	40	27.90	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.30	56		10	130
			Anthracene-d10	40	27.08	68		25	130
			Pyrene-d10	40	27.44	69		15	130
			Benzo(a)pyrene-d12	40	27.52	69		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM121324

Lab Code: CHEM

SAS No.: BM121324 SDG NO.: BM121324

Lab File ID: BM048972.D

DFTPP Injection Date: 12/13/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:27

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.1
68	Less than 2.0% of mass 69	0.7 (1.4) 1
69	Mass 69 relative abundance	45.8
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	48.2
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	23.2
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.5
442	Greater than 50% of mass 198	62.8
443	15.0 - 24.0% of mass 442	12.2 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020062	SSTDCCC020	BM048973.D	12/13/2024	09:06
SBLK168	PB165168BL	BM048974.D	12/13/2024	09:45
SBLK173	PB165173BL	BM048975.D	12/13/2024	10:24
MDL-WATER-QT4-2024-08	P4776-02	BM048976.D	12/13/2024	11:05
MDL-SOIL-QT4-2024-08	P4776-04	BM048977.D	12/13/2024	11:51
MDL-MED-SOIL-QT4-2024-08	P4776-06	BM048978.D	12/13/2024	12:30
SBLK149	PB165149BL	BM048979.D	12/13/2024	13:08
E2AT1	P5228-11	BM048980.D	12/13/2024	13:47
E2AT5	P5228-12	BM048981.D	12/13/2024	14:26
SSTD020063	SSTDCCC020	BM048982.D	12/13/2024	15:05
SBLK613	PB165613BL	BM048983.D	12/13/2024	15:44
SBLK610	PB165610BL	BM048984.D	12/13/2024	16:23
E29R6	P5228-13	BM048985.D	12/13/2024	17:02
E29S9	P5228-14	BM048986.D	12/13/2024	17:41
E29R7	P5228-01	BM048987.D	12/13/2024	18:20
E2AT0	P5228-03	BM048988.D	12/13/2024	18:58
E2AT4	P5228-04	BM048989.D	12/13/2024	19:37
BH7T2	P5247-02	BM048990.D	12/13/2024	20:16

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM121324

Lab Code: CHEM

SAS No.: BM121324 SDG NO.: BM121324

Lab File ID: BM048972.D

DFTPP Injection Date: 12/13/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:27

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.1
68	Less than 2.0% of mass 69	0.7 (1.4) 1
69	Mass 69 relative abundance	45.8
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	48.2
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	23.2
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.5
442	Greater than 50% of mass 198	62.8
443	15.0 - 24.0% of mass 442	12.2 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
BH7T5	P5247-04	BM048991.D	12/13/2024	20:55
SLCS610	PB165610BS	BM048992.D	12/13/2024	21:34
SLCS613	PB165613BS	BM048993.D	12/13/2024	22:13
SSTD020064	SSTDCCC020EC	BM048994.D	12/13/2024	23:31