

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/28/2024 : 10:44

Lab File ID: BM048249.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020188 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.577	0.010	7.4616	40.0
Benzaldehyde	0.850	0.931	0.010	9.5156	40.0
Pyridine	1.509	1.584	0.010	4.9937	40.0
Phenol	1.789	1.838	0.080	2.6912	20.0
Bis(2-Chloroethyl)ether	1.430	1.463	0.100	2.3492	20.0
2-Chlorophenol	1.435	1.510	0.200	5.2423	20.0
2-Methylphenol	1.346	1.364	0.010	1.3117	20.0
2,2-oxybis(1-Chloropropane)	2.185	2.239	0.010	2.4875	40.0
Acetophenone	2.173	2.277	0.060	4.7883	20.0
4-Methylphenol	1.486	1.522	0.010	2.452	20.0
N-Nitroso-di-n-propylamine	1.114	1.121	0.050	0.5989	30.0
Hexachloroethane	0.605	0.635	0.100	5.0122	20.0
Nitrobenzene	0.381	0.393	0.050	3.0979	25.0
Isophorone	0.738	0.739	0.050	0.1508	25.0
2-Nitrophenol	0.195	0.203	0.050	4.2804	25.0
2,4-Dimethylphenol	0.357	0.374	0.050	4.6338	25.0
Bis(2-Chloroethoxy)methane	0.458	0.465	0.050	1.4801	20.0
2,4-Dichlorophenol	0.332	0.343	0.060	3.3468	20.0
Naphthalene	1.117	1.155	0.200	3.4007	20.0
4-Chloroaniline	0.436	0.444	0.010	1.7325	40.0
Hexachlorobutadiene	0.221	0.232	0.040	4.9292	30.0
Caprolactam	0.106	0.096	0.010	-9.0349	40.0
4-Chloro-3-methylphenol	0.334	0.336	0.040	0.7232	25.0
1-Methylnaphthalene	0.764	0.774	0.100	1.3489	20.0
2-Methylnaphthalene	0.753	0.768	0.100	2.0018	20.0
Hexachlorocyclopentadiene	0.379	0.395	0.010	4.2108	40.0
2,4,6-Trichlorophenol	0.409	0.423	0.090	3.3905	25.0
2,4,5-Trichlorophenol	0.432	0.451	0.100	4.4297	25.0
1,1-Biphenyl	1.534	1.588	0.200	3.5407	20.0
2-Chloronaphthalene	1.189	1.251	0.300	5.2302	20.0
2-Nitroaniline	0.329	0.334	0.050	1.5736	40.0
Dimethylphthalate	1.499	1.517	0.300	1.2163	20.0
2,6-Dinitrotoluene	0.291	0.294	0.080	0.9504	30.0
Acenaphthylene	1.841	1.933	0.400	5.0288	20.0
3-Nitroaniline	0.307	0.291	0.010	-5.1337	40.0
Acenaphthene	1.306	1.345	0.200	2.9465	20.0
2,4-Dinitrophenol	0.198	0.170	0.010	-14.4185	40.0
4-Nitrophenol	0.200	0.192	0.010	-3.5653	40.0
Dibenzofuran	1.797	1.860	0.300	3.5068	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/28/2024 : 10:44

Lab File ID: BM048249.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020188 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.426	0.431	0.070	1.1268	30.0
Diethylphthalate	1.508	1.522	0.300	0.8937	20.0
Fluorene	1.431	1.480	0.200	3.4059	20.0
4-Chlorophenyl-phenylether	0.718	0.743	0.100	3.3847	20.0
4-Nitroaniline	0.278	0.268	0.010	-3.6397	40.0
4,6-Dinitro-2-methylphenol	0.142	0.142	0.010	-0.0857	40.0
N-Nitrosodiphenylamine	0.597	0.633	0.050	5.9611	20.0
1,2,4,5-Tetrachlorobenzene	0.633	0.666	0.100	5.1093	20.0
4-Bromophenyl-phenylether	0.218	0.229	0.070	5.1154	20.0
Hexachlorobenzene	0.261	0.273	0.050	4.6034	25.0
Atrazine	0.204	0.212	0.010	3.9029	25.0
Pentachlorophenol	0.165	0.168	0.010	1.6645	40.0
Phenanthrene	1.107	1.142	0.200	3.0797	20.0
Pentachlorobenzene	0.322	0.338	0.050	4.8228	20.0
Anthracene	1.108	1.172	0.200	5.6946	20.0
1,2,3,4-Tetrachlorobenzene	0.317	0.342	0.050	7.9446	20.0
Carbazole	0.973	1.040	0.050	6.8285	40.0
Di-n-butylphthalate	1.279	1.308	0.500	2.2829	25.0
Fluoranthene	1.412	1.431	0.400	1.3407	25.0
Pyrene	1.514	1.548	0.400	2.2285	25.0
Butylbenzylphthalate	0.626	0.626	0.100	0.0807	40.0
3,3-Dichlorobenzidine	0.436	0.464	0.010	6.426	40.0
Benzo (a) anthracene	1.442	1.482	0.300	2.719	30.0
Chrysene	1.356	1.401	0.200	3.2919	30.0
Bis (2-ethylhexyl) phthalate	0.902	0.924	0.200	2.4369	40.0
Di-n-octyl phthalate	1.496	1.393	0.010	-6.8857	40.0
Benzo (b) fluoranthene	1.276	1.326	0.200	3.878	25.0
Benzo (k) fluoranthene	1.278	1.310	0.200	2.4967	25.0
Benzo (a) pyrene	1.161	1.220	0.200	5.062	20.0
Indeno (1,2,3-cd) pyrene	1.398	1.560	0.200	11.5305	25.0
Dibenzo (a,h) anthracene	1.144	1.283	0.200	12.2057	30.0
Benzo (g,h,i) perylene	1.073	1.208	0.200	12.61	30.0
2,3,4,6-Tetrachlorophenol	0.370	0.380	0.040	2.6004	20.0
1,4-Dioxane-d8	0.508	0.551	0.010	8.4507	25.0
Pyridine-d5	1.472	1.525	0.010	3.5583	40.0
Phenol-d5	1.718	1.742	0.010	1.3578	25.0
Bis- (2-Chloroethyl) ether-d8	1.064	1.098	0.050	3.152	25.0
2-Chlorophenol-d4	1.397	1.477	0.200	5.6927	20.0
4-Methylphenol-d8	1.380	1.385	0.010	0.3754	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/28/2024 : 10:44

Lab File ID: BM048249.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020188 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.164	0.171	0.050	4.5194	20.0
2-Nitrophenol-d4	0.178	0.184	0.050	3.8514	30.0
2,4-Dichlorophenol-d3	0.324	0.336	0.060	3.7985	20.0
4-Chloroaniline-d4	0.450	0.457	0.010	1.4768	40.0
Dimethylphthalate-d6	1.495	1.502	0.300	0.5165	20.0
Acenaphthylene-d8	1.685	1.755	0.400	4.1378	20.0
4-Nitrophenol-d4	0.273	0.262	0.010	-4.2805	40.0
Fluorene-d10	1.263	1.298	0.100	2.8002	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.128	0.010	-3.3478	40.0
Anthracene-d10	0.946	0.989	0.300	4.5252	20.0
Pyrene-d10	1.214	1.234	0.300	1.6873	25.0
Benzo(a)pyrene-d12	1.055	1.097	0.010	4.0111	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.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/28/2024 : 20:33

Lab File ID: BM048263.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020189 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.591	0.010	9.9756	40.0
Benzaldehyde	0.850	0.940	0.010	10.5917	40.0
Pyridine	1.509	1.613	0.010	6.8892	40.0
Phenol	1.789	1.829	0.080	2.1897	20.0
Bis(2-Chloroethyl)ether	1.430	1.462	0.100	2.2996	20.0
2-Chlorophenol	1.435	1.499	0.200	4.4825	20.0
2-Methylphenol	1.346	1.356	0.010	0.7352	20.0
2,2-oxybis(1-Chloropropane)	2.185	2.264	0.010	3.6206	40.0
Acetophenone	2.173	2.239	0.060	3.0293	20.0
4-Methylphenol	1.486	1.503	0.010	1.1666	20.0
N-Nitroso-di-n-propylamine	1.114	1.128	0.050	1.1927	30.0
Hexachloroethane	0.605	0.639	0.100	5.5963	20.0
Nitrobenzene	0.381	0.391	0.050	2.7379	25.0
Isophorone	0.738	0.750	0.050	1.5451	25.0
2-Nitrophenol	0.195	0.199	0.050	1.9694	25.0
2,4-Dimethylphenol	0.357	0.372	0.050	4.121	25.0
Bis(2-Chloroethoxy)methane	0.458	0.462	0.050	0.954	20.0
2,4-Dichlorophenol	0.332	0.342	0.060	3.0344	20.0
Naphthalene	1.117	1.162	0.200	4.0047	20.0
4-Chloroaniline	0.436	0.446	0.010	2.2075	40.0
Hexachlorobutadiene	0.221	0.231	0.040	4.3026	30.0
Caprolactam	0.106	0.099	0.010	-6.2693	40.0
4-Chloro-3-methylphenol	0.334	0.340	0.040	1.9384	25.0
1-Methylnaphthalene	0.764	0.785	0.100	2.7888	20.0
2-Methylnaphthalene	0.753	0.775	0.100	2.9707	20.0
Hexachlorocyclopentadiene	0.379	0.383	0.010	1.0084	40.0
2,4,6-Trichlorophenol	0.409	0.418	0.090	2.3504	25.0
2,4,5-Trichlorophenol	0.432	0.447	0.100	3.5415	25.0
1,1-Biphenyl	1.534	1.584	0.200	3.237	20.0
2-Chloronaphthalene	1.189	1.241	0.300	4.3945	20.0
2-Nitroaniline	0.329	0.336	0.050	2.2751	40.0
Dimethylphthalate	1.499	1.492	0.300	-0.4672	20.0
2,6-Dinitrotoluene	0.291	0.292	0.080	0.2324	30.0
Acenaphthylene	1.841	1.930	0.400	4.822	20.0
3-Nitroaniline	0.307	0.294	0.010	-4.282	40.0
Acenaphthene	1.306	1.342	0.200	2.7463	20.0
2,4-Dinitrophenol	0.198	0.168	0.010	-15.3597	40.0
4-Nitrophenol	0.200	0.193	0.010	-3.2425	40.0
Dibenzofuran	1.797	1.874	0.300	4.2856	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/28/2024 : 20:33

Lab File ID: BM048263.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020189 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.426	0.439	0.070	3.1047	30.0
Diethylphthalate	1.508	1.514	0.300	0.3817	20.0
Fluorene	1.431	1.506	0.200	5.2741	20.0
4-Chlorophenyl-phenylether	0.718	0.746	0.100	3.8044	20.0
4-Nitroaniline	0.278	0.286	0.010	2.9259	40.0
4,6-Dinitro-2-methylphenol	0.142	0.141	0.010	-0.7862	40.0
N-Nitrosodiphenylamine	0.597	0.625	0.050	4.6425	20.0
1,2,4,5-Tetrachlorobenzene	0.633	0.660	0.100	4.209	20.0
4-Bromophenyl-phenylether	0.218	0.228	0.070	4.6236	20.0
Hexachlorobenzene	0.261	0.269	0.050	2.9767	25.0
Atrazine	0.204	0.210	0.010	2.5931	25.0
Pentachlorophenol	0.165	0.164	0.010	-0.5167	40.0
Phenanthrene	1.107	1.144	0.200	3.3442	20.0
Pentachlorobenzene	0.322	0.330	0.050	2.5349	20.0
Anthracene	1.108	1.164	0.200	5.0505	20.0
1,2,3,4-Tetrachlorobenzene	0.317	0.329	0.050	4.1016	20.0
Carbazole	0.973	1.050	0.050	7.8533	40.0
Di-n-butylphthalate	1.279	1.321	0.500	3.2513	25.0
Fluoranthene	1.412	1.388	0.400	-1.705	25.0
Pyrene	1.514	1.507	0.400	-0.4997	25.0
Butylbenzylphthalate	0.626	0.621	0.100	-0.6946	40.0
3,3-Dichlorobenzidine	0.436	0.469	0.010	7.5511	40.0
Benzo (a) anthracene	1.442	1.487	0.300	3.0653	30.0
Chrysene	1.356	1.411	0.200	4.0645	30.0
Bis(2-ethylhexyl)phthalate	0.902	0.935	0.200	3.6682	40.0
Di-n-octyl phthalate	1.496	1.410	0.010	-5.7803	40.0
Benzo (b) fluoranthene	1.276	1.293	0.200	1.3038	25.0
Benzo (k) fluoranthene	1.278	1.339	0.200	4.7617	25.0
Benzo (a) pyrene	1.161	1.225	0.200	5.4934	20.0
Indeno (1,2,3-cd) pyrene	1.398	1.579	0.200	12.9053	25.0
Dibenzo (a,h) anthracene	1.144	1.293	0.200	13.0235	30.0
Benzo (g,h,i) perylene	1.073	1.216	0.200	13.2873	30.0
2,3,4,6-Tetrachlorophenol	0.370	0.375	0.040	1.4294	20.0
1,4-Dioxane-d8	0.508	0.551	0.010	8.5385	25.0
Pyridine-d5	1.472	1.501	0.010	1.9084	40.0
Phenol-d5	1.718	1.725	0.010	0.3736	25.0
Bis- (2-Chloroethyl) ether-d8	1.064	1.100	0.050	3.3491	25.0
2-Chlorophenol-d4	1.397	1.470	0.200	5.1936	20.0
4-Methylphenol-d8	1.380	1.370	0.010	-0.6545	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/28/2024 : 20:33

Lab File ID: BM048263.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020189 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.164	0.171	0.050	4.0613	20.0
2-Nitrophenol-d4	0.178	0.181	0.050	1.8167	30.0
2,4-Dichlorophenol-d3	0.324	0.336	0.060	3.5439	20.0
4-Chloroaniline-d4	0.450	0.461	0.010	2.3735	40.0
Dimethylphthalate-d6	1.495	1.483	0.300	-0.7732	20.0
Acenaphthylene-d8	1.685	1.741	0.400	3.2856	20.0
4-Nitrophenol-d4	0.273	0.264	0.010	-3.4382	40.0
Fluorene-d10	1.263	1.301	0.100	3.0461	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.125	0.010	-5.129	40.0
Anthracene-d10	0.946	0.986	0.300	4.2774	20.0
Pyrene-d10	1.214	1.200	0.300	-1.1294	25.0
Benzo(a)pyrene-d12	1.055	1.100	0.010	4.3041	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.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/29/2024 : 07:41

Lab File ID: BM048279.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020190 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.570	0.010	6.1164	40.0
Benzaldehyde	0.850	0.968	0.010	13.8673	40.0
Pyridine	1.509	1.620	0.010	7.3474	40.0
Phenol	1.789	1.855	0.080	3.6402	20.0
Bis(2-Chloroethyl)ether	1.430	1.519	0.100	6.2506	20.0
2-Chlorophenol	1.435	1.543	0.200	7.5589	20.0
2-Methylphenol	1.346	1.374	0.010	2.0984	20.0
2,2-oxybis(1-Chloropropane)	2.185	2.305	0.010	5.5128	40.0
Acetophenone	2.173	2.272	0.060	4.561	20.0
4-Methylphenol	1.486	1.541	0.010	3.7069	20.0
N-Nitroso-di-n-propylamine	1.114	1.121	0.050	0.6113	30.0
Hexachloroethane	0.605	0.648	0.100	7.1065	20.0
Nitrobenzene	0.381	0.394	0.050	3.3861	25.0
Isophorone	0.738	0.733	0.050	-0.6962	25.0
2-Nitrophenol	0.195	0.204	0.050	4.7957	25.0
2,4-Dimethylphenol	0.357	0.364	0.050	1.8755	25.0
Bis(2-Chloroethoxy)methane	0.458	0.474	0.050	3.3961	20.0
2,4-Dichlorophenol	0.332	0.339	0.060	2.1429	20.0
Naphthalene	1.117	1.152	0.200	3.1656	20.0
4-Chloroaniline	0.436	0.437	0.010	0.1468	40.0
Hexachlorobutadiene	0.221	0.228	0.040	3.1951	30.0
Caprolactam	0.106	0.095	0.010	-10.3805	40.0
4-Chloro-3-methylphenol	0.334	0.330	0.040	-1.0306	25.0
1-Methylnaphthalene	0.764	0.764	0.100	0.0577	20.0
2-Methylnaphthalene	0.753	0.755	0.100	0.2941	20.0
Hexachlorocyclopentadiene	0.379	0.395	0.010	4.3168	40.0
2,4,6-Trichlorophenol	0.409	0.429	0.090	5.0188	25.0
2,4,5-Trichlorophenol	0.432	0.446	0.100	3.2711	25.0
1,1-Biphenyl	1.534	1.611	0.200	5.0091	20.0
2-Chloronaphthalene	1.189	1.264	0.300	6.3586	20.0
2-Nitroaniline	0.329	0.329	0.050	-0.0537	40.0
Dimethylphthalate	1.499	1.488	0.300	-0.724	20.0
2,6-Dinitrotoluene	0.291	0.300	0.080	3.0954	30.0
Acenaphthylene	1.841	1.925	0.400	4.5772	20.0
3-Nitroaniline	0.307	0.290	0.010	-5.3293	40.0
Acenaphthene	1.306	1.335	0.200	2.2324	20.0
2,4-Dinitrophenol	0.198	0.165	0.010	-16.6024	40.0
4-Nitrophenol	0.200	0.179	0.010	-10.4813	40.0
Dibenzofuran	1.797	1.842	0.300	2.4784	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/29/2024 : 07:41

Lab File ID: BM048279.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020190 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.426	0.422	0.070	-0.877	30.0
Diethylphthalate	1.508	1.507	0.300	-0.086	20.0
Fluorene	1.431	1.462	0.200	2.1358	20.0
4-Chlorophenyl-phenylether	0.718	0.737	0.100	2.6152	20.0
4-Nitroaniline	0.278	0.273	0.010	-1.5608	40.0
4,6-Dinitro-2-methylphenol	0.142	0.140	0.010	-1.0682	40.0
N-Nitrosodiphenylamine	0.597	0.640	0.050	7.2231	20.0
1,2,4,5-Tetrachlorobenzene	0.633	0.669	0.100	5.644	20.0
4-Bromophenyl-phenylether	0.218	0.234	0.070	7.438	20.0
Hexachlorobenzene	0.261	0.271	0.050	3.6769	25.0
Atrazine	0.204	0.212	0.010	3.4529	25.0
Pentachlorophenol	0.165	0.166	0.010	0.187	40.0
Phenanthrene	1.107	1.147	0.200	3.5356	20.0
Pentachlorobenzene	0.322	0.341	0.050	5.9318	20.0
Anthracene	1.108	1.167	0.200	5.2456	20.0
1,2,3,4-Tetrachlorobenzene	0.317	0.354	0.050	11.8519	20.0
Carbazole	0.973	1.024	0.050	5.2556	40.0
Di-n-butylphthalate	1.279	1.321	0.500	3.2511	25.0
Fluoranthene	1.412	1.497	0.400	6.0359	25.0
Pyrene	1.514	1.598	0.400	5.5385	25.0
Butylbenzylphthalate	0.626	0.658	0.100	5.1428	40.0
3,3-Dichlorobenzidine	0.436	0.458	0.010	5.0481	40.0
Benzo (a) anthracene	1.442	1.485	0.300	2.9575	30.0
Chrysene	1.356	1.414	0.200	4.2882	30.0
Bis (2-ethylhexyl) phthalate	0.902	0.971	0.200	7.7207	40.0
Di-n-octyl phthalate	1.496	1.497	0.010	0.0401	40.0
Benzo (b) fluoranthene	1.276	1.346	0.200	5.4508	25.0
Benzo (k) fluoranthene	1.278	1.323	0.200	3.494	25.0
Benzo (a) pyrene	1.161	1.234	0.200	6.2893	20.0
Indeno (1,2,3-cd) pyrene	1.398	1.551	0.200	10.9448	25.0
Dibenzo (a,h) anthracene	1.144	1.278	0.200	11.7638	30.0
Benzo (g,h,i) perylene	1.073	1.197	0.200	11.508	30.0
2,3,4,6-Tetrachlorophenol	0.370	0.359	0.040	-2.8791	20.0
1,4-Dioxane-d8	0.508	0.542	0.010	6.7323	25.0
Pyridine-d5	1.472	1.527	0.010	3.6742	40.0
Phenol-d5	1.718	1.779	0.010	3.5197	25.0
Bis- (2-Chloroethyl) ether-d8	1.064	1.135	0.050	6.6611	25.0
2-Chlorophenol-d4	1.397	1.492	0.200	6.7656	20.0
4-Methylphenol-d8	1.380	1.408	0.010	2.0419	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/29/2024 : 07:41

Lab File ID: BM048279.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020190 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.164	0.169	0.050	3.3117	20.0
2-Nitrophenol-d4	0.178	0.186	0.050	4.8407	30.0
2,4-Dichlorophenol-d3	0.324	0.336	0.060	3.5929	20.0
4-Chloroaniline-d4	0.450	0.445	0.010	-1.2388	40.0
Dimethylphthalate-d6	1.495	1.502	0.300	0.5037	20.0
Acenaphthylene-d8	1.685	1.770	0.400	5.0304	20.0
4-Nitrophenol-d4	0.273	0.254	0.010	-7.0088	40.0
Fluorene-d10	1.263	1.283	0.100	1.6097	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.128	0.010	-3.367	40.0
Anthracene-d10	0.946	0.982	0.300	3.8337	20.0
Pyrene-d10	1.214	1.275	0.300	5.0347	25.0
Benzo(a)pyrene-d12	1.055	1.109	0.010	5.0966	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.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/29/2024 : 17:25

Lab File ID: BM048291.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020191 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.540	0.010	0.5595	40.0
Benzaldehyde	0.850	0.780	0.010	-8.2363	40.0
Pyridine	1.509	1.476	0.010	-2.2139	40.0
Phenol	1.789	1.679	0.080	-6.1934	20.0
Bis(2-Chloroethyl)ether	1.430	1.400	0.100	-2.0956	20.0
2-Chlorophenol	1.435	1.422	0.200	-0.8893	20.0
2-Methylphenol	1.346	1.275	0.010	-5.2677	20.0
2,2-oxybis(1-Chloropropane)	2.185	2.172	0.010	-0.5802	40.0
Acetophenone	2.173	2.136	0.060	-1.67	20.0
4-Methylphenol	1.486	1.398	0.010	-5.9118	20.0
N-Nitroso-di-n-propylamine	1.114	1.063	0.050	-4.6173	30.0
Hexachloroethane	0.605	0.616	0.100	1.8757	20.0
Nitrobenzene	0.381	0.378	0.050	-0.7407	25.0
Isophorone	0.738	0.711	0.050	-3.7518	25.0
2-Nitrophenol	0.195	0.190	0.050	-2.6649	25.0
2,4-Dimethylphenol	0.357	0.338	0.050	-5.5294	25.0
Bis(2-Chloroethoxy)methane	0.458	0.452	0.050	-1.4049	20.0
2,4-Dichlorophenol	0.332	0.315	0.060	-4.8979	20.0
Naphthalene	1.117	1.102	0.200	-1.3626	20.0
4-Chloroaniline	0.436	0.395	0.010	-9.4474	40.0
Hexachlorobutadiene	0.221	0.217	0.040	-1.7901	30.0
Caprolactam	0.106	0.085	0.010	-19.8934	40.0
4-Chloro-3-methylphenol	0.334	0.308	0.040	-7.7752	25.0
1-Methylnaphthalene	0.764	0.738	0.100	-3.3557	20.0
2-Methylnaphthalene	0.753	0.711	0.100	-5.5166	20.0
Hexachlorocyclopentadiene	0.379	0.373	0.010	-1.5005	40.0
2,4,6-Trichlorophenol	0.409	0.402	0.090	-1.5188	25.0
2,4,5-Trichlorophenol	0.432	0.419	0.100	-2.8327	25.0
1,1-Biphenyl	1.534	1.527	0.200	-0.4664	20.0
2-Chloronaphthalene	1.189	1.221	0.300	2.7597	20.0
2-Nitroaniline	0.329	0.309	0.050	-6.0257	40.0
Dimethylphthalate	1.499	1.435	0.300	-4.2649	20.0
2,6-Dinitrotoluene	0.291	0.279	0.080	-4.3924	30.0
Acenaphthylene	1.841	1.928	0.400	4.7639	20.0
3-Nitroaniline	0.307	0.267	0.010	-12.8356	40.0
Acenaphthene	1.306	1.280	0.200	-2.0173	20.0
2,4-Dinitrophenol	0.198	0.135	0.010	-32.0785	40.0
4-Nitrophenol	0.200	0.164	0.010	-17.7376	40.0
Dibenzofuran	1.797	1.735	0.300	-3.4471	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/29/2024 : 17:25

Lab File ID: BM048291.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020191 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.426	0.388	0.070	-9.0303	30.0
Diethylphthalate	1.508	1.415	0.300	-6.1406	20.0
Fluorene	1.431	1.396	0.200	-2.4667	20.0
4-Chlorophenyl-phenylether	0.718	0.705	0.100	-1.8485	20.0
4-Nitroaniline	0.278	0.246	0.010	-11.2745	40.0
4,6-Dinitro-2-methylphenol	0.142	0.127	0.010	-10.3816	40.0
N-Nitrosodiphenylamine	0.597	0.620	0.050	3.8409	20.0
1,2,4,5-Tetrachlorobenzene	0.633	0.641	0.100	1.2736	20.0
4-Bromophenyl-phenylether	0.218	0.226	0.070	3.4296	20.0
Hexachlorobenzene	0.261	0.263	0.050	0.6796	25.0
Atrazine	0.204	0.172	0.010	-15.7453	25.0
Pentachlorophenol	0.165	0.153	0.010	-7.4037	40.0
Phenanthrene	1.107	1.107	0.200	0.0009	20.0
Pentachlorobenzene	0.322	0.329	0.050	2.1115	20.0
Anthracene	1.108	1.143	0.200	3.1299	20.0
1,2,3,4-Tetrachlorobenzene	0.317	0.336	0.050	6.1008	20.0
Carbazole	0.973	0.961	0.050	-1.3001	40.0
Di-n-butylphthalate	1.279	1.245	0.500	-2.6355	25.0
Fluoranthene	1.412	1.446	0.400	2.3794	25.0
Pyrene	1.514	1.506	0.400	-0.5287	25.0
Butylbenzylphthalate	0.626	0.614	0.100	-1.9174	40.0
3,3-Dichlorobenzidine	0.436	0.415	0.010	-4.8004	40.0
Benzo (a) anthracene	1.442	1.410	0.300	-2.2095	30.0
Chrysene	1.356	1.334	0.200	-1.6156	30.0
Bis (2-ethylhexyl) phthalate	0.902	0.907	0.200	0.5904	40.0
Di-n-octyl phthalate	1.496	1.396	0.010	-6.7033	40.0
Benzo (b) fluoranthene	1.276	1.263	0.200	-1.0178	25.0
Benzo (k) fluoranthene	1.278	1.279	0.200	0.0626	25.0
Benzo (a) pyrene	1.161	1.183	0.200	1.9188	20.0
Indeno (1,2,3-cd) pyrene	1.398	1.446	0.200	3.3769	25.0
Dibenzo (a,h) anthracene	1.144	1.218	0.200	6.4927	30.0
Benzo (g,h,i) perylene	1.073	1.167	0.200	8.7613	30.0
2,3,4,6-Tetrachlorophenol	0.370	0.344	0.040	-7.1051	20.0
Pyridine-d5	1.472	1.387	0.010	-5.7964	40.0
1,4-Dioxane-d8	0.508	0.498	0.010	-1.8904	25.0
Phenol-d5	1.718	1.632	0.010	-5.0122	25.0
Bis- (2-Chloroethyl) ether-d8	1.064	1.037	0.050	-2.5431	25.0
2-Chlorophenol-d4	1.397	1.406	0.200	0.5884	20.0
4-Methylphenol-d8	1.380	1.310	0.010	-5.0236	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824
 Instrument ID: BNA_M Calibration Date/Time: 10/29/2024 : 17:25
 Lab File ID: BM048291.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020191 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.164	0.162	0.050	-1.1199	20.0
2-Nitrophenol-d4	0.178	0.175	0.050	-1.4914	30.0
2,4-Dichlorophenol-d3	0.324	0.321	0.060	-1.0236	20.0
4-Chloroaniline-d4	0.450	0.412	0.010	-8.3901	40.0
Dimethylphthalate-d6	1.495	1.412	0.300	-5.5513	20.0
Acenaphthylene-d8	1.685	1.667	0.400	-1.1085	20.0
4-Nitrophenol-d4	0.273	0.227	0.010	-16.8909	40.0
Fluorene-d10	1.263	1.211	0.100	-4.1158	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.117	0.010	-11.1391	40.0
Anthracene-d10	0.946	0.950	0.300	0.4253	20.0
Pyrene-d10	1.214	1.212	0.300	-0.1611	25.0
Benzo(a)pyrene-d12	1.055	1.013	0.010	-3.9631	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.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/30/2024 : 04:32

Lab File ID: BM048307.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020192 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.559	0.010	4.0365	40.0
Benzaldehyde	0.850	0.833	0.010	-2.0181	40.0
Pyridine	1.509	1.499	0.010	-0.6503	40.0
Phenol	1.789	1.728	0.080	-3.4284	20.0
Bis(2-Chloroethyl)ether	1.430	1.440	0.100	0.7041	20.0
2-Chlorophenol	1.435	1.448	0.200	0.9513	20.0
2-Methylphenol	1.346	1.320	0.010	-1.97	20.0
2,2-oxybis(1-Chloropropane)	2.185	2.213	0.010	1.2806	40.0
Acetophenone	2.173	2.155	0.060	-0.8139	20.0
4-Methylphenol	1.486	1.434	0.010	-3.5135	20.0
N-Nitroso-di-n-propylamine	1.114	1.088	0.050	-2.3222	30.0
Hexachloroethane	0.605	0.621	0.100	2.6399	20.0
Nitrobenzene	0.381	0.384	0.050	0.8589	25.0
Isophorone	0.738	0.714	0.050	-3.2925	25.0
2-Nitrophenol	0.195	0.193	0.050	-0.7718	25.0
2,4-Dimethylphenol	0.357	0.346	0.050	-3.1326	25.0
Bis(2-Chloroethoxy)methane	0.458	0.456	0.050	-0.3427	20.0
2,4-Dichlorophenol	0.332	0.320	0.060	-3.6234	20.0
Naphthalene	1.117	1.115	0.200	-0.1762	20.0
4-Chloroaniline	0.436	0.403	0.010	-7.7014	40.0
Hexachlorobutadiene	0.221	0.219	0.040	-0.8415	30.0
Caprolactam	0.106	0.088	0.010	-16.9346	40.0
4-Chloro-3-methylphenol	0.334	0.312	0.040	-6.5899	25.0
1-Methylnaphthalene	0.764	0.747	0.100	-2.1913	20.0
2-Methylnaphthalene	0.753	0.723	0.100	-4.0061	20.0
Hexachlorocyclopentadiene	0.379	0.364	0.010	-4.0929	40.0
2,4,6-Trichlorophenol	0.409	0.400	0.090	-2.2488	25.0
2,4,5-Trichlorophenol	0.432	0.427	0.100	-1.1668	25.0
1,1-Biphenyl	1.534	1.532	0.200	-0.1514	20.0
2-Chloronaphthalene	1.189	1.213	0.300	2.0666	20.0
2-Nitroaniline	0.329	0.314	0.050	-4.6943	40.0
Dimethylphthalate	1.499	1.442	0.300	-3.782	20.0
2,6-Dinitrotoluene	0.291	0.285	0.080	-2.3076	30.0
Acenaphthylene	1.841	1.938	0.400	5.2819	20.0
3-Nitroaniline	0.307	0.281	0.010	-8.2588	40.0
Acenaphthene	1.306	1.283	0.200	-1.7832	20.0
2,4-Dinitrophenol	0.198	0.174	0.010	-12.3375	40.0
4-Nitrophenol	0.200	0.170	0.010	-14.925	40.0
Dibenzofuran	1.797	1.742	0.300	-3.0642	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/30/2024 : 04:32

Lab File ID: BM048307.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020192 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.426	0.404	0.070	-5.2489	30.0
Diethylphthalate	1.508	1.438	0.300	-4.6558	20.0
Fluorene	1.431	1.406	0.200	-1.7513	20.0
4-Chlorophenyl-phenylether	0.718	0.710	0.100	-1.2072	20.0
4-Nitroaniline	0.278	0.273	0.010	-1.5782	40.0
4,6-Dinitro-2-methylphenol	0.142	0.122	0.010	-13.7094	40.0
N-Nitrosodiphenylamine	0.597	0.609	0.050	2.0195	20.0
1,2,4,5-Tetrachlorobenzene	0.633	0.632	0.100	-0.1115	20.0
4-Bromophenyl-phenylether	0.218	0.226	0.070	3.5638	20.0
Hexachlorobenzene	0.261	0.263	0.050	0.7132	25.0
Atrazine	0.204	0.201	0.010	-1.4715	25.0
Pentachlorophenol	0.165	0.150	0.010	-8.9448	40.0
Phenanthrene	1.107	1.103	0.200	-0.3862	20.0
Pentachlorobenzene	0.322	0.321	0.050	-0.3091	20.0
Anthracene	1.108	1.124	0.200	1.3697	20.0
1,2,3,4-Tetrachlorobenzene	0.317	0.327	0.050	3.1952	20.0
Carbazole	0.973	0.971	0.050	-0.2363	40.0
Di-n-butylphthalate	1.279	1.274	0.500	-0.3816	25.0
Fluoranthene	1.412	1.429	0.400	1.1765	25.0
Pyrene	1.514	1.495	0.400	-1.2504	25.0
Butylbenzylphthalate	0.626	0.622	0.100	-0.5233	40.0
3,3-Dichlorobenzidine	0.436	0.404	0.010	-7.3868	40.0
Benzo (a) anthracene	1.442	1.413	0.300	-2.0247	30.0
Chrysene	1.356	1.333	0.200	-1.6888	30.0
Bis (2-ethylhexyl) phthalate	0.902	0.932	0.200	3.3482	40.0
Di-n-octyl phthalate	1.496	1.448	0.010	-3.2164	40.0
Benzo (b) fluoranthene	1.276	1.242	0.200	-2.6607	25.0
Benzo (k) fluoranthene	1.278	1.301	0.200	1.789	25.0
Benzo (a) pyrene	1.161	1.185	0.200	2.0692	20.0
Indeno (1,2,3-cd) pyrene	1.398	1.426	0.200	1.9765	25.0
Dibenzo (a,h) anthracene	1.144	1.215	0.200	6.2578	30.0
Benzo (g,h,i) perylene	1.073	1.161	0.200	8.2172	30.0
2,3,4,6-Tetrachlorophenol	0.370	0.345	0.040	-6.7966	20.0
1,4-Dioxane-d8	0.508	0.490	0.010	-3.517	25.0
Pyridine-d5	1.472	1.422	0.010	-3.4533	40.0
Phenol-d5	1.718	1.681	0.010	-2.145	25.0
Bis- (2-Chloroethyl) ether-d8	1.064	1.061	0.050	-0.2937	25.0
2-Chlorophenol-d4	1.397	1.447	0.200	3.5853	20.0
4-Methylphenol-d8	1.380	1.341	0.010	-2.7936	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/30/2024 : 04:32

Lab File ID: BM048307.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020192 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.164	0.167	0.050	1.5741	20.0
2-Nitrophenol-d4	0.178	0.180	0.050	1.4628	30.0
2,4-Dichlorophenol-d3	0.324	0.327	0.060	0.9227	20.0
4-Chloroaniline-d4	0.450	0.417	0.010	-7.4074	40.0
Dimethylphthalate-d6	1.495	1.434	0.300	-4.0706	20.0
Acenaphthylene-d8	1.685	1.671	0.400	-0.8574	20.0
4-Nitrophenol-d4	0.273	0.238	0.010	-12.8815	40.0
Fluorene-d10	1.263	1.218	0.100	-3.5864	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.115	0.010	-12.9444	40.0
Anthracene-d10	0.946	0.945	0.300	-0.1217	20.0
Pyrene-d10	1.214	1.196	0.300	-1.4168	25.0
Benzo(a)pyrene-d12	1.055	1.010	0.010	-4.2151	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK422	SDG No.:	BM102824
Lab Sample ID:	PB164422BL	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
BM048250.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK422	SDG No.:	BM102824
Lab Sample ID:	PB164422BL	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
BM048250.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK422	SDG No.:	BM102824
Lab Sample ID:	PB164422BL	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
BM048250.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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	5.257		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	24.621		20-120		62	SPK: -40
4165-62-2	Phenol-d5	23.985		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.963		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.143		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.45		25-125		59	SPK: -40
4165-60-0	Nitrobenzene-d5	25.451		20-125		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.608		20-130		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.694		20-120		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.636		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.979		25-130		62	SPK: -40
93951-97-4	Acenaphthylene-d8	25.128		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.094		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	25.493		25-125		64	SPK: -40

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK422	SDG No.:	BM102824
Lab Sample ID:	PB164422BL	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
BM048250.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.412		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	26.348		25-130		66	SPK: -40
1718-52-1	Pyrene-d10	25.417		15-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.439		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	238767	7.722				
1146-65-2	Naphthalene-d8	954805	10.51				
15067-26-2	Acenaphthene-d10	597740	14.363				
1517-22-2	Phenanthrene-d10	1187861	17.104				
1719-03-5	Chrysene-d12	1102203	21.333				
1520-96-3	Perylene-d12	1296337	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNY8	SDG No.:	BM102824
Lab Sample ID:	P4559-13	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
BM048251.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNY8	SDG No.:	BM102824
Lab Sample ID:	P4559-13	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
BM048251.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNY8	SDG No.:	BM102824
Lab Sample ID:	P4559-13	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
BM048251.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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	6.027		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	7.457	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	8.718		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.465		25-120		91	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.928		20-130		80	SPK: -40
190780-66-6	4-Methylphenol-d8	21.202		25-125		53	SPK: -40
4165-60-0	Nitrobenzene-d5	35.562		20-125		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.64		20-130		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.156		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.905		1-146		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.852		25-130		95	SPK: -40
93951-97-4	Acenaphthylene-d8	36.516		10-130		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.071		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	38.708		25-125		97	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNY8	SDG No.:	BM102824
Lab Sample ID:	P4559-13	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
BM048251.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.057		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	39.913		25-130		100	SPK: -40
1718-52-1	Pyrene-d10	41.417		15-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.023		20-130		103	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	196032	7.722				
1146-65-2	Naphthalene-d8	846644	10.51				
15067-26-2	Acenaphthene-d10	560569	14.363				
1517-22-2	Phenanthrene-d10	1167014	17.104				
1719-03-5	Chrysene-d12	994796	21.327				
1520-96-3	Perylene-d12	998394	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNY9	SDG No.:	BM102824
Lab Sample ID:	P4559-14	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
BM048252.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNY9	SDG No.:	BM102824
Lab Sample ID:	P4559-14	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
BM048252.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNY9	SDG No.:	BM102824
Lab Sample ID:	P4559-14	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
BM048252.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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	4.592		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	5.977	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	6.728		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.053		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.54		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	16.426		25-125		41	SPK: -40
4165-60-0	Nitrobenzene-d5	28.725		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.618		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.937		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.934		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.004		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	29.051		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.799		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	31.253		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNY9	SDG No.:	BM102824
Lab Sample ID:	P4559-14	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
BM048252.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.498		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	32.664		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	31.099		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.23		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	236166	7.716				
1146-65-2	Naphthalene-d8	1012863	10.51				
15067-26-2	Acenaphthene-d10	687606	14.363				
1517-22-2	Phenanthrene-d10	1451579	17.104				
1719-03-5	Chrysene-d12	1423153	21.327				
1520-96-3	Perylene-d12	1562173	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ0	SDG No.:	BM102824
Lab Sample ID:	P4559-15	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
BM048253.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ0	SDG No.:	BM102824
Lab Sample ID:	P4559-15	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
BM048253.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ0	SDG No.:	BM102824
Lab Sample ID:	P4559-15	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
BM048253.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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	4.391		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	5.017	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	7.247		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.405		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.549		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	18.193		25-125		45	SPK: -40
4165-60-0	Nitrobenzene-d5	30.978		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.832		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.563		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.736		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.802		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	31.931		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.696		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	33.439		25-125		84	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ0	SDG No.:	BM102824
Lab Sample ID:	P4559-15	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
BM048253.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.903		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	35.491		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	37.155		15-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.949		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	230411	7.722				
1146-65-2	Naphthalene-d8	983030	10.51				
15067-26-2	Acenaphthene-d10	637522	14.363				
1517-22-2	Phenanthrene-d10	1254715	17.104				
1719-03-5	Chrysene-d12	1016848	21.333				
1520-96-3	Perylene-d12	1058113	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ1	SDG No.:	BM102824
Lab Sample ID:	P4559-16	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
BM048254.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ1	SDG No.:	BM102824
Lab Sample ID:	P4559-16	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
BM048254.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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



Client:				Date Collected:	10/22/2024 12:00:00 AM	
Project:				Date Received:	10/22/2024 12:00:00 AM	
Client Sample ID:	GCNZ1			SDG No.:	BM102824	
Lab Sample ID:	P4559-16			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
BM048254.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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	5.03		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	5.124	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	8.051		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.672		25-120		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.861		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	20.297		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	33.684		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.911		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.131		20-120		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.672		1-146		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.313		25-130		96	SPK: -40
93951-97-4	Acenaphthylene-d8	35.565		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.967		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	38.565		25-125		96	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ1	SDG No.:	BM102824
Lab Sample ID:	P4559-16	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
BM048254.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.071		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	40.679		25-130		102	SPK: -40
1718-52-1	Pyrene-d10	43.201		15-130		108	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.053		20-130		103	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197790	7.722				
1146-65-2	Naphthalene-d8	832220	10.51				
15067-26-2	Acenaphthene-d10	543186	14.363				
1517-22-2	Phenanthrene-d10	1106635	17.104				
1719-03-5	Chrysene-d12	904552	21.327				
1520-96-3	Perylene-d12	920321	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ2	SDG No.:	BM102824
Lab Sample ID:	P4559-17	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
BM048255.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ2	SDG No.:	BM102824
Lab Sample ID:	P4559-17	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
BM048255.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ2	SDG No.:	BM102824
Lab Sample ID:	P4559-17	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
BM048255.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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	4.596		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	9.723		20-120		24	SPK: -40
4165-62-2	Phenol-d5	8.816		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.858		25-120		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.429		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	20.963		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	33.581		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.175		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.135		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.679		1-146		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.181		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	34.14		10-130		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.293		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	36.066		25-125		90	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ2	SDG No.:	BM102824
Lab Sample ID:	P4559-17	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
BM048255.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.627		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	37.919		25-130		95	SPK: -40
1718-52-1	Pyrene-d10	39.53		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.051		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	224405	7.722				
1146-65-2	Naphthalene-d8	967844	10.51				
15067-26-2	Acenaphthene-d10	641602	14.363				
1517-22-2	Phenanthrene-d10	1322810	17.104				
1719-03-5	Chrysene-d12	1120341	21.333				
1520-96-3	Perylene-d12	1118062	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ3	SDG No.:	BM102824
Lab Sample ID:	P4559-18	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
BM048256.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ3	SDG No.:	BM102824
Lab Sample ID:	P4559-18	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
BM048256.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ3	SDG No.:	BM102824
Lab Sample ID:	P4559-18	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
BM048256.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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	4.227		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	7.248	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	7.114		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.132		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.223		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	17.54		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	29.292		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.912		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.215		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.334		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.351		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	30.102		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.831		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	32.147		25-125		80	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ3	SDG No.:	BM102824
Lab Sample ID:	P4559-18	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
BM048256.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.352		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	35.656		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	34.589		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.478		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	254218	7.716				
1146-65-2	Naphthalene-d8	1074563	10.51				
15067-26-2	Acenaphthene-d10	710188	14.363				
1517-22-2	Phenanthrene-d10	1479882	17.104				
1719-03-5	Chrysene-d12	1394709	21.327				
1520-96-3	Perylene-d12	1445362	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L65	SDG No.:	BM102824
Lab Sample ID:	P4534-05	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
BM048257.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L65	SDG No.:	BM102824
Lab Sample ID:	P4534-05	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
BM048257.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L65	SDG No.:	BM102824
Lab Sample ID:	P4534-05	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
BM048257.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

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	5.148		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	7.831		20-120		20	SPK: -40
4165-62-2	Phenol-d5	7.744		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.268		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.035		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	18.775		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	33.395		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.003		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.47		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.765		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.306		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	34.744		10-130		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.108		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	36.769		25-125		92	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L65	SDG No.:	BM102824
Lab Sample ID:	P4534-05	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
BM048257.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.831		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	41.238		25-130		103	SPK: -40
1718-52-1	Pyrene-d10	41.442		15-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.838		20-130		107	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	211850	7.722				
1146-65-2	Naphthalene-d8	863555	10.51				
15067-26-2	Acenaphthene-d10	539401	14.362				
1517-22-2	Phenanthrene-d10	1071205	17.103				
1719-03-5	Chrysene-d12	957222	21.327				
1520-96-3	Perylene-d12	1058087	24.279				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L67	SDG No.:	BM102824
Lab Sample ID:	P4534-06	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
BM048258.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L67	SDG No.:	BM102824
Lab Sample ID:	P4534-06	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
BM048258.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L67	SDG No.:	BM102824
Lab Sample ID:	P4534-06	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
BM048258.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

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	5.183		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	11.378		20-120		28	SPK: -40
4165-62-2	Phenol-d5	8.434		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.776		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.103		20-130		78	SPK: -40
190780-66-6	4-Methylphenol-d8	21.377		25-125		53	SPK: -40
4165-60-0	Nitrobenzene-d5	35.224		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.081		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.657		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.464		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.575		25-130		94	SPK: -40
93951-97-4	Acenaphthylene-d8	36.795		10-130		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.701		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	38.192		25-125		95	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L67	SDG No.:	BM102824
Lab Sample ID:	P4534-06	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
BM048258.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.09		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	41.478		25-130		104	SPK: -40
1718-52-1	Pyrene-d10	42.062		15-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.073		20-130		108	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	201328	7.716				
1146-65-2	Naphthalene-d8	824633	10.51				
15067-26-2	Acenaphthene-d10	498200	14.363				
1517-22-2	Phenanthrene-d10	955108	17.104				
1719-03-5	Chrysene-d12	811165	21.333				
1520-96-3	Perylene-d12	905610	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	18	J			4.44	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L78	SDG No.:	BM102824
Lab Sample ID:	P4534-07	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
BM048259.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L78	SDG No.:	BM102824
Lab Sample ID:	P4534-07	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
BM048259.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L78	SDG No.:	BM102824
Lab Sample ID:	P4534-07	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
BM048259.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

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	4.518		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	6.124	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	8.003		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.624		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.056		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	19.662		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	29.929		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.928		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.474		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.959		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.259		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	31.241		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.787		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	32.939		25-125		82	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L78	SDG No.:	BM102824
Lab Sample ID:	P4534-07	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
BM048259.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.534		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	37.55		25-130		94	SPK: -40
1718-52-1	Pyrene-d10	38.352		15-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.837		20-130		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226872	7.716				
1146-65-2	Naphthalene-d8	927318	10.51				
15067-26-2	Acenaphthene-d10	562891	14.363				
1517-22-2	Phenanthrene-d10	1088871	17.104				
1719-03-5	Chrysene-d12	936073	21.333				
1520-96-3	Perylene-d12	1045549	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L98	SDG No.:	BM102824
Lab Sample ID:	P4534-08	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
BM048260.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L98	SDG No.:	BM102824
Lab Sample ID:	P4534-08	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
BM048260.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L98	SDG No.:	BM102824
Lab Sample ID:	P4534-08	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
BM048260.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

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	4.151		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	6.088	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	6.628		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.272		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.74		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	16.716		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	29.5		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.963		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.748		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.053		1-146		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.183		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	29.936		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.267		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	32.314		25-125		81	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L98	SDG No.:	BM102824
Lab Sample ID:	P4534-08	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
BM048260.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.977		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	36.529		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	39.626		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.99		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	244192	7.716				
1146-65-2	Naphthalene-d8	1026410	10.51				
15067-26-2	Acenaphthene-d10	659005	14.363				
1517-22-2	Phenanthrene-d10	1281512	17.104				
1719-03-5	Chrysene-d12	989471	21.327				
1520-96-3	Perylene-d12	1036359	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ4	SDG No.:	BM102824
Lab Sample ID:	P4559-19	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
BM048261.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ4	SDG No.:	BM102824
Lab Sample ID:	P4559-19	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
BM048261.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ4	SDG No.:	BM102824
Lab Sample ID:	P4559-19	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
BM048261.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

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	4.535		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	5.977	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	7.238		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.916		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.108		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	17.096		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	29.093		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.291		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.444		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.348		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.466		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	29.735		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.294		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	30.268		25-125		76	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ4	SDG No.:	BM102824
Lab Sample ID:	P4559-19	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
BM048261.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.977		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	32.298		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	32.192		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.315		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	227197	7.716				
1146-65-2	Naphthalene-d8	925008	10.51				
15067-26-2	Acenaphthene-d10	574933	14.363				
1517-22-2	Phenanthrene-d10	1138228	17.104				
1719-03-5	Chrysene-d12	1012389	21.333				
1520-96-3	Perylene-d12	1130061	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS422	SDG No.:	BM102824
Lab Sample ID:	PB164422BS	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
BM048262.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

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	4.5	J	2.5	5	10	ug/L
110-86-1	Pyridine	27		1.4	10	10	ug/L
108-95-2	Phenol	28		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	26		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	28		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	27		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	26		1.4	5	10	ug/L
98-86-2	Acetophenone	27		1.5	5	10	ug/L
106-44-5	4-Methylphenol	28		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	26		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	27		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	27		1.4	2.5	5	ug/L
78-59-1	Isophorone	26		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	27		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	26		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	26		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	28		1.5	2.5	5	ug/L
91-20-3	Naphthalene	27		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	14		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		1.2	2.5	5	ug/L
105-60-2	Caprolactam	26		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	27		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	26		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	27		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	22		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	27		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	28		1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS422	SDG No.:	BM102824
Lab Sample ID:	PB164422BS	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
BM048262.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26		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	27		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	26		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	27		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	24		0.84	5	10	ug/L
83-32-9	Acenaphthene	26		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	25		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	27		1.5	5	10	ug/L
132-64-9	Dibenzofuran	27		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	28		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	27		1.5	2.5	5	ug/L
86-73-7	Fluorene	27		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	27		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	33		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	27		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	26		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	26		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	26		1.6	2.5	5	ug/L
1912-24-9	Atrazine	28		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	27		3.6	5	10	ug/L
85-01-8	Phenanthrene	27		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	25		1.5	2.5	5	ug/L
120-12-7	Anthracene	27		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	29		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	28		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	26		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS422	SDG No.:	BM102824
Lab Sample ID:	PB164422BS	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
BM048262.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	26		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	27		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	26		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	27		1.4	2.5	5	ug/L
218-01-9	Chrysene	27		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	28		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	26		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	27		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	27		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	28		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	30		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	28		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.477		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	27.063		20-120		68	SPK: -40
4165-62-2	Phenol-d5	27.643		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.194		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.077		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	27.118		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	26.947		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.556		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.334		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.55		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.239		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.75		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.628		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	26.621		25-125		67	SPK: -40

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS422	SDG No.:	BM102824
Lab Sample ID:	PB164422BS	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
BM048262.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.772		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	27.176		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	25.84		15-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.721		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	212272	7.716				
1146-65-2	Naphthalene-d8	883869	10.51				
15067-26-2	Acenaphthene-d10	574273	14.363				
1517-22-2	Phenanthrene-d10	1164457	17.104				
1719-03-5	Chrysene-d12	1122647	21.327				
1520-96-3	Perylene-d12	1283568	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK423	SDG No.:	BM102824
Lab Sample ID:	PB164423BL	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
BM048264.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

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:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK423	SDG No.:	BM102824
Lab Sample ID:	PB164423BL	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
BM048264.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

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:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK423	SDG No.:	BM102824
Lab Sample ID:	PB164423BL	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
BM048264.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

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	5.211		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	25.32		20-120		63	SPK: -40
4165-62-2	Phenol-d5	24.243		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.817		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.555		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	24.311		25-125		61	SPK: -40
4165-60-0	Nitrobenzene-d5	25.505		20-125		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.539		20-130		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.555		20-120		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.711		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.097		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	25.808		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.219		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	26.16		25-125		65	SPK: -40

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK423	SDG No.:	BM102824
Lab Sample ID:	PB164423BL	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
BM048264.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.036		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	27.278		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	28.168		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.577		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	241779	7.716				
1146-65-2	Naphthalene-d8	1014916	10.51				
15067-26-2	Acenaphthene-d10	633615	14.363				
1517-22-2	Phenanthrene-d10	1224062	17.104				
1719-03-5	Chrysene-d12	1009226	21.327				
1520-96-3	Perylene-d12	1107309	24.279				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK389	SDG No.:	BM102824
Lab Sample ID:	PB164389BL	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
BM048265.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

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

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK389	SDG No.:	BM102824
Lab Sample ID:	PB164389BL	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
BM048265.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK389	SDG No.:	BM102824
Lab Sample ID:	PB164389BL	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
BM048265.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

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	4.4		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	21.484		20-120		54	SPK: -40
4165-62-2	Phenol-d5	21.02		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.477		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.02		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	21.175		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	21.985		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.192		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.988		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.941		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.401		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.319		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.029		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	22.596		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK389	SDG No.:	BM102824
Lab Sample ID:	PB164389BL	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
BM048265.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.777		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	23.407		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	24.425		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.022		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	295326	7.716				
1146-65-2	Naphthalene-d8	1246607	10.51				
15067-26-2	Acenaphthene-d10	797276	14.363				
1517-22-2	Phenanthrene-d10	1553380	17.104				
1719-03-5	Chrysene-d12	1224161	21.327				
1520-96-3	Perylene-d12	1318155	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H16	SDG No.:	BM102824
Lab Sample ID:	P4529-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048266.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8	80	ug/Kg
100-52-7	Benzaldehyde	90	U	90	99.5	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	99.5	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.5	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.3	210	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.5	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	99.5	400	ug/Kg
98-86-2	Acetophenone	46	U	46	99.5	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	99.5	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.3	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.3	210	ug/Kg
98-95-3	Nitrobenzene	43	U	43	51.3	210	ug/Kg
78-59-1	Isophorone	41	U	41	51.3	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.3	210	ug/Kg
91-20-3	Naphthalene	41	U	41	51.3	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.3	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.3	210	ug/Kg
105-60-2	Caprolactam	140	U	140	99.5	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	51.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	99.5	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H16	SDG No.:	BM102824
Lab Sample ID:	P4529-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048266.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.3	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.3	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.3	210	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.3	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.5	400	ug/Kg
83-32-9	Acenaphthene	49	U	49	51.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	99.5	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	99.5	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	51.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.3	210	ug/Kg
84-66-2	Diethylphthalate	72	U	72	51.3	210	ug/Kg
86-73-7	Fluorene	54	U	54	51.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.3	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	99.5	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.5	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51.3	210	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.3	210	ug/Kg
1912-24-9	Atrazine	47	U	47	99.5	400	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	99.5	400	ug/Kg
85-01-8	Phenanthrene	53	U	53	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.3	210	ug/Kg
120-12-7	Anthracene	52	U	52	51.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.3	210	ug/Kg
86-74-8	Carbazole	54	U	54	99.5	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.3	210	ug/Kg
206-44-0	Fluoranthene	53	U	53	99.5	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H16	SDG No.:	BM102824
Lab Sample ID:	P4529-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048266.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	51.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.5	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.3	210	ug/Kg
218-01-9	Chrysene	54	U	54	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	99.5	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	51.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	51.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	51.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.614		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	17.446		20-120		44	SPK: -40
4165-62-2	Phenol-d5	17.994		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.894		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.519		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.488		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	18.244		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.484		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.57		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.82		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.835		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	19.407		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.68		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	20.045		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H16	SDG No.:	BM102824
Lab Sample ID:	P4529-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048266.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.134		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	20.315		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	21.719		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.33		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220371	7.716				
1146-65-2	Naphthalene-d8	925926	10.51				
15067-26-2	Acenaphthene-d10	603192	14.363				
1517-22-2	Phenanthrene-d10	1204224	17.104				
1719-03-5	Chrysene-d12	967233	21.327				
1520-96-3	Perylene-d12	988732	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	320	J			15.721	
000057-10-3	n-Hexadecanoic acid	130	J			18.004	
E966796	Total Alkanes	58	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H17	SDG No.:	BM102824
Lab Sample ID:	P4529-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048267.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.8	79	ug/Kg
100-52-7	Benzaldehyde	89	U	89	97.4	390	ug/Kg
110-86-1	Pyridine	51	U	51	190	390	ug/Kg
108-95-2	Phenol	41	U	41	97.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	97.4	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.2	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	97.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	97.4	390	ug/Kg
98-86-2	Acetophenone	45	U	45	97.4	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	97.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	50.2	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.2	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.2	200	ug/Kg
78-59-1	Isophorone	40	U	40	50.2	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.2	200	ug/Kg
91-20-3	Naphthalene	40	U	40	50.2	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.2	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50.2	200	ug/Kg
105-60-2	Caprolactam	140	U	140	97.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	50.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93	U	93	97.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H17	SDG No.:	BM102824
Lab Sample ID:	P4529-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048267.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	50.2	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.2	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.2	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.2	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	97.4	390	ug/Kg
83-32-9	Acenaphthene	48	U	48	50.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	97.4	390	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	97.4	390	ug/Kg
132-64-9	Dibenzofuran	54	U	54	50.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.2	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50.2	200	ug/Kg
86-73-7	Fluorene	53	U	53	50.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	50.2	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	97.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	97.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	50.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	50.2	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.2	200	ug/Kg
1912-24-9	Atrazine	46	U	46	97.4	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.4	390	ug/Kg
85-01-8	Phenanthrene	52	U	52	50.2	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	50.2	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.2	200	ug/Kg
86-74-8	Carbazole	53	U	53	97.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.2	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	97.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H17	SDG No.:	BM102824
Lab Sample ID:	P4529-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048267.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	50.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	97.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.2	200	ug/Kg
218-01-9	Chrysene	53	U	53	50.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	97.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	50.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	50.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.847		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	15.559		20-120		39	SPK: -40
4165-62-2	Phenol-d5	18.88		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.184		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.112		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	18.936		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	20.07		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.78		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.928		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.603		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.964		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	21.043		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.428		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	21.593		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H17	SDG No.:	BM102824
Lab Sample ID:	P4529-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048267.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.079		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	21.701		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	21.579		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.579		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	207941	7.716				
1146-65-2	Naphthalene-d8	841523	10.51				
15067-26-2	Acenaphthene-d10	519065	14.363				
1517-22-2	Phenanthrene-d10	1047739	17.104				
1719-03-5	Chrysene-d12	954038	21.327				
1520-96-3	Perylene-d12	1080570	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	290	J			15.721	
000057-10-3	n-Hexadecanoic acid	98	J			17.998	
959085-66-6	Heptadecyl heptafluorobutyrate	100	J			21.009	
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H25	SDG No.:	BM102824
Lab Sample ID:	P4529-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048268.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.5	76	ug/Kg
100-52-7	Benzaldehyde	85	U	85	93.9	380	ug/Kg
110-86-1	Pyridine	49	U	49	190	380	ug/Kg
108-95-2	Phenol	40	U	40	93.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	93.9	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.4	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	93.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	93.9	380	ug/Kg
98-86-2	Acetophenone	43	U	43	93.9	380	ug/Kg
106-44-5	4-Methylphenol	36	U	36	93.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	48.4	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	48.4	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	48.4	190	ug/Kg
78-59-1	Isophorone	39	U	39	48.4	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	48.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	48.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.4	190	ug/Kg
91-20-3	Naphthalene	39	U	39	48.4	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	48.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	48.4	190	ug/Kg
105-60-2	Caprolactam	140	U	140	93.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	48.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	90	U	90	93.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	48.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	48.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H25	SDG No.:	BM102824
Lab Sample ID:	P4529-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048268.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	48.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.4	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.4	190	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	48.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	48.4	190	ug/Kg
208-96-8	Acenaphthylene	49	U	49	48.4	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	93.9	380	ug/Kg
83-32-9	Acenaphthene	47	U	47	48.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	93.9	380	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	93.9	380	ug/Kg
132-64-9	Dibenzofuran	52	U	52	48.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	48.4	190	ug/Kg
84-66-2	Diethylphthalate	68	U	68	48.4	190	ug/Kg
86-73-7	Fluorene	51	U	51	48.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	48.4	190	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	93.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	93.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	48.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	48.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	48.4	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.4	190	ug/Kg
1912-24-9	Atrazine	44	U	44	93.9	380	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	93.9	380	ug/Kg
85-01-8	Phenanthrene	50	U	50	48.4	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	48.4	190	ug/Kg
120-12-7	Anthracene	49	U	49	48.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	48.4	190	ug/Kg
86-74-8	Carbazole	51	U	51	93.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.4	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	93.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H25	SDG No.:	BM102824
Lab Sample ID:	P4529-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048268.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	50	U	50	48.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	48.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	93.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	48.4	190	ug/Kg
218-01-9	Chrysene	51	U	51	48.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	48.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	93.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	48.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	48.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	48.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	48.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	48.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	48.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	48.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.903		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	15.915		20-120		40	SPK: -40
4165-62-2	Phenol-d5	18.546		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.144		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.609		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	19.044		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	19.743		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.566		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.222		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.716		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.934		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.733		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.307		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	21.314		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H25	SDG No.:	BM102824
Lab Sample ID:	P4529-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048268.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.563		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	21.728		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	22.299		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.77		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	212390	7.716				
1146-65-2	Naphthalene-d8	884593	10.504				
15067-26-2	Acenaphthene-d10	557969	14.363				
1517-22-2	Phenanthrene-d10	1089085	17.104				
1719-03-5	Chrysene-d12	903560	21.327				
1520-96-3	Perylene-d12	970473	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	J			15.722	
000057-10-3	n-Hexadecanoic acid	120	J			17.998	
	(DEL) Alkane: Straight-Chain	21.009	J			21.009	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H21	SDG No.:	BM102824
Lab Sample ID:	P4529-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048269.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.2	73	ug/Kg
100-52-7	Benzaldehyde	82	U	82	90.1	360	ug/Kg
110-86-1	Pyridine	47	U	47	180	360	ug/Kg
108-95-2	Phenol	38	U	38	90.1	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	90.1	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	46.4	190	ug/Kg
95-48-7	2-Methylphenol	33	U	33	90.1	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	90.1	360	ug/Kg
98-86-2	Acetophenone	41	U	41	90.1	360	ug/Kg
106-44-5	4-Methylphenol	35	U	35	90.1	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	32	U	32	46.4	190	ug/Kg
67-72-1	Hexachloroethane	25	U	25	46.4	190	ug/Kg
98-95-3	Nitrobenzene	39	U	39	46.4	190	ug/Kg
78-59-1	Isophorone	37	U	37	46.4	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	46.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	46.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	41	U	41	46.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	46.4	190	ug/Kg
91-20-3	Naphthalene	37	U	37	46.4	190	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	46.4	360	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	46.4	190	ug/Kg
105-60-2	Caprolactam	130	U	130	90.1	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31	U	31	46.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	46.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	46.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	86	U	86	90.1	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47	U	47	46.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	46.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H21	SDG No.:	BM102824
Lab Sample ID:	P4529-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048269.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	46.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	46.4	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	46.4	190	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	46.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	46.4	190	ug/Kg
208-96-8	Acenaphthylene	47	U	47	46.4	190	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	90.1	360	ug/Kg
83-32-9	Acenaphthene	45	U	45	46.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	90.1	360	ug/Kg
100-02-7	4-Nitrophenol	45	U	45	90.1	360	ug/Kg
132-64-9	Dibenzofuran	50	U	50	46.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	29	U	29	46.4	190	ug/Kg
84-66-2	Diethylphthalate	66	U	66	46.4	190	ug/Kg
86-73-7	Fluorene	49	U	49	46.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51	U	51	46.4	190	ug/Kg
100-01-6	4-Nitroaniline	46	U	46	90.1	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	90.1	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	46.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	46.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49	U	49	46.4	190	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	46.4	190	ug/Kg
1912-24-9	Atrazine	43	U	43	90.1	360	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	90.1	360	ug/Kg
85-01-8	Phenanthrene	48	U	48	46.4	190	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	46.4	190	ug/Kg
120-12-7	Anthracene	47	U	47	46.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	36	U	36	46.4	190	ug/Kg
86-74-8	Carbazole	49	U	49	90.1	360	ug/Kg
84-74-2	Di-n-butylphthalate	46	U	46	46.4	190	ug/Kg
206-44-0	Fluoranthene	48	U	48	90.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H21	SDG No.:	BM102824
Lab Sample ID:	P4529-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048269.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	48	U	48	46.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	35	U	35	46.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	90.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	43	U	43	46.4	190	ug/Kg
218-01-9	Chrysene	49	U	49	46.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	46.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	37	U	37	90.1	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	U	46	46.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	49	U	49	46.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	46	U	46	46.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	46.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	46.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	46.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	46.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.208		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	9.298		20-120		23	SPK: -40
4165-62-2	Phenol-d5	16.367		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.319		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.063		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	16.826		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	16.799		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.893		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.267		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.997		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.537		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.321		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.654		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	19.029		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H21	SDG No.:	BM102824
Lab Sample ID:	P4529-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048269.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.24		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	19.101		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	19.656		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.449		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	217703	7.716				
1146-65-2	Naphthalene-d8	908200	10.51				
15067-26-2	Acenaphthene-d10	574573	14.363				
1517-22-2	Phenanthrene-d10	1128975	17.104				
1719-03-5	Chrysene-d12	968421	21.327				
1520-96-3	Perylene-d12	1033467	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	150	J			15.721	
000057-10-3	n-Hexadecanoic acid	130	J			17.998	
1000406-04-8	Pentadecafluorooctanoic acid, octa	110	J			21.009	
E966796	Total Alkanes	52	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H22	SDG No.:	BM102824
Lab Sample ID:	P4529-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048270.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

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

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H22	SDG No.:	BM102824
Lab Sample ID:	P4529-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048270.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

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

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H22	SDG No.:	BM102824
Lab Sample ID:	P4529-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048270.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	50	U	50	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	93.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	48.2	190	ug/Kg
218-01-9	Chrysene	51	U	51	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	93.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.919		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	13.038		20-120		33	SPK: -40
4165-62-2	Phenol-d5	18.953		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.123		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.885		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	19.316		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	19.202		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.088		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.654		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.137		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.039		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.117		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.701		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	21.122		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H22	SDG No.:	BM102824
Lab Sample ID:	P4529-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048270.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.765		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	21.767		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	22.175		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.573		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	207972	7.716				
1146-65-2	Naphthalene-d8	864951	10.504				
15067-26-2	Acenaphthene-d10	525806	14.363				
1517-22-2	Phenanthrene-d10	1017515	17.104				
1719-03-5	Chrysene-d12	874154	21.327				
1520-96-3	Perylene-d12	986336	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	230	J			15.721	
000057-10-3	n-Hexadecanoic acid	120	J			17.998	
1000282-98-2	Dichloroacetic acid, heptadecyl es	110	J			21.009	
E966796	Total Alkanes	54	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H23	SDG No.:	BM102824
Lab Sample ID:	P4529-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048271.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.2	83	ug/Kg
100-52-7	Benzaldehyde	94	U	94	100	410	ug/Kg
110-86-1	Pyridine	54	U	54	210	410	ug/Kg
108-95-2	Phenol	44	U	44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.1	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	410	ug/Kg
98-86-2	Acetophenone	47	U	47	100	410	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	53.1	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.1	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	53.1	210	ug/Kg
78-59-1	Isophorone	42	U	42	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.1	210	ug/Kg
91-20-3	Naphthalene	42	U	42	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	53.1	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	53.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H23	SDG No.:	BM102824
Lab Sample ID:	P4529-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048271.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	53.1	210	ug/Kg
208-96-8	Acenaphthylene	54	U	54	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	51	U	51	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	100	410	ug/Kg
132-64-9	Dibenzofuran	57	U	57	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.1	210	ug/Kg
84-66-2	Diethylphthalate	75	U	75	53.1	210	ug/Kg
86-73-7	Fluorene	56	U	56	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	53.1	210	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	53.1	210	ug/Kg
1912-24-9	Atrazine	49	U	49	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	55	U	55	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	53.1	210	ug/Kg
120-12-7	Anthracene	54	U	54	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	53.1	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	53.1	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H23	SDG No.:	BM102824
Lab Sample ID:	P4529-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048271.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.1	210	ug/Kg
218-01-9	Chrysene	56	U	56	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	55	U	55	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.01		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	23.415		20-120		59	SPK: -40
4165-62-2	Phenol-d5	25.937		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.932		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.066		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	27.603		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	27.177		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.152		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.296		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.316		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.087		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	30.996		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.288		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	32.427		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H23	SDG No.:	BM102824
Lab Sample ID:	P4529-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048271.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	34.575		10-150		86	SPK: -40
1718-52-1	Pyrene-d10	34.994		10-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.885		10-140		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	229954	7.716				
1146-65-2	Naphthalene-d8	961544	10.504				
15067-26-2	Acenaphthene-d10	601575	14.363				
1517-22-2	Phenanthrene-d10	1139558	17.104				
1719-03-5	Chrysene-d12	956631	21.327				
1520-96-3	Perylene-d12	1061048	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	110	J			15.721	
000057-10-3	n-Hexadecanoic acid	190	J			18.004	
	(DEL) Alkane: Straight-Chain	21.009	J			21.009	
E966796	Total Alkanes	160				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H35	SDG No.:	BM102824
Lab Sample ID:	P4529-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048272.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.2	73	ug/Kg
100-52-7	Benzaldehyde	82	U	82	89.8	360	ug/Kg
110-86-1	Pyridine	47	U	47	180	360	ug/Kg
108-95-2	Phenol	38	U	38	89.8	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	89.8	360	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	46.2	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	89.8	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	89.8	360	ug/Kg
98-86-2	Acetophenone	41	U	41	89.8	360	ug/Kg
106-44-5	4-Methylphenol	35	U	35	89.8	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	32	U	32	46.2	180	ug/Kg
67-72-1	Hexachloroethane	25	U	25	46.2	180	ug/Kg
98-95-3	Nitrobenzene	39	U	39	46.2	180	ug/Kg
78-59-1	Isophorone	37	U	37	46.2	180	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	46.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	46.2	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	41	U	41	46.2	180	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	46.2	180	ug/Kg
91-20-3	Naphthalene	37	U	37	46.2	180	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	46.2	360	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	46.2	180	ug/Kg
105-60-2	Caprolactam	130	U	130	89.8	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30	U	30	46.2	180	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	46.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	46.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	86	U	86	89.8	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47	U	47	46.2	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	46.2	180	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H35	SDG No.:	BM102824
Lab Sample ID:	P4529-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048272.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	46.2	180	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	46.2	180	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	46.2	180	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	46.2	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	46.2	180	ug/Kg
208-96-8	Acenaphthylene	47	U	47	46.2	180	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	89.8	360	ug/Kg
83-32-9	Acenaphthene	45	U	45	46.2	180	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	89.8	360	ug/Kg
100-02-7	4-Nitrophenol	45	U	45	89.8	360	ug/Kg
132-64-9	Dibenzofuran	50	U	50	46.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	29	U	29	46.2	180	ug/Kg
84-66-2	Diethylphthalate	65	U	65	46.2	180	ug/Kg
86-73-7	Fluorene	49	U	49	46.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51	U	51	46.2	180	ug/Kg
100-01-6	4-Nitroaniline	46	U	46	89.8	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	89.8	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	46.2	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	46.2	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49	U	49	46.2	180	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	46.2	180	ug/Kg
1912-24-9	Atrazine	42	U	42	89.8	360	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	89.8	360	ug/Kg
85-01-8	Phenanthrene	48	U	48	46.2	180	ug/Kg
608-93-5	Pentachlorobenzene	55	U	55	46.2	180	ug/Kg
120-12-7	Anthracene	47	U	47	46.2	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	36	U	36	46.2	180	ug/Kg
86-74-8	Carbazole	49	U	49	89.8	360	ug/Kg
84-74-2	Di-n-butylphthalate	46	U	46	46.2	180	ug/Kg
206-44-0	Fluoranthene	48	U	48	89.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H35	SDG No.:	BM102824
Lab Sample ID:	P4529-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048272.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	48	U	48	46.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	35	U	35	46.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	89.8	360	ug/Kg
56-55-3	Benzo(a)anthracene	42	U	42	46.2	180	ug/Kg
218-01-9	Chrysene	49	U	49	46.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	46.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	37	U	37	89.8	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	U	46	46.2	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	49	U	49	46.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	46	U	46	46.2	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	46.2	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	46.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	46.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	46.2	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.186		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	13.774		20-120		34	SPK: -40
4165-62-2	Phenol-d5	20.952		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.236		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.862		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.836		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	21.691		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.383		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.024		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.691		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.981		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.686		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.47		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	24.319		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H35	SDG No.:	BM102824
Lab Sample ID:	P4529-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048272.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.486		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	24.644		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	23.694		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.732		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	213630	7.716				
1146-65-2	Naphthalene-d8	867524	10.504				
15067-26-2	Acenaphthene-d10	530269	14.363				
1517-22-2	Phenanthrene-d10	1077827	17.104				
1719-03-5	Chrysene-d12	1022923	21.327				
1520-96-3	Perylene-d12	1194423	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	180	J			15.721	
000057-10-3	n-Hexadecanoic acid	140	J			18.004	
	(DEL) Alkane: Straight-Chain	21.009	J			21.009	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H36	SDG No.:	BM102824
Lab Sample ID:	P4529-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048273.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.5	76	ug/Kg
100-52-7	Benzaldehyde	86	U	86	94.1	380	ug/Kg
110-86-1	Pyridine	49	U	49	190	380	ug/Kg
108-95-2	Phenol	40	U	40	94.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	94.1	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.5	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	94.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	94.1	380	ug/Kg
98-86-2	Acetophenone	43	U	43	94.1	380	ug/Kg
106-44-5	4-Methylphenol	36	U	36	94.1	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	48.5	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	48.5	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	48.5	190	ug/Kg
78-59-1	Isophorone	39	U	39	48.5	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	48.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	48.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.5	190	ug/Kg
91-20-3	Naphthalene	39	U	39	48.5	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	48.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	48.5	190	ug/Kg
105-60-2	Caprolactam	140	U	140	94.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	48.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	90	U	90	94.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	48.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	48.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H36	SDG No.:	BM102824
Lab Sample ID:	P4529-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048273.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	48.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.5	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.5	190	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	48.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	48.5	190	ug/Kg
208-96-8	Acenaphthylene	49	U	49	48.5	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	94.1	380	ug/Kg
83-32-9	Acenaphthene	47	U	47	48.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	94.1	380	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	94.1	380	ug/Kg
132-64-9	Dibenzofuran	52	U	52	48.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	48.5	190	ug/Kg
84-66-2	Diethylphthalate	68	U	68	48.5	190	ug/Kg
86-73-7	Fluorene	51	U	51	48.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	48.5	190	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	94.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	94.1	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	48.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	48.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	48.5	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.5	190	ug/Kg
1912-24-9	Atrazine	44	U	44	94.1	380	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	94.1	380	ug/Kg
85-01-8	Phenanthrene	50	U	50	48.5	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	48.5	190	ug/Kg
120-12-7	Anthracene	49	U	49	48.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	48.5	190	ug/Kg
86-74-8	Carbazole	51	U	51	94.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.5	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	94.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H36	SDG No.:	BM102824
Lab Sample ID:	P4529-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048273.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	50	U	50	48.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	48.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	94.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	48.5	190	ug/Kg
218-01-9	Chrysene	51	U	51	48.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	48.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	94.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	48.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	48.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	48.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	48.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	48.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	48.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	48.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.381		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	15.068		20-120		38	SPK: -40
4165-62-2	Phenol-d5	16.007		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.414		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.405		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	16.449		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	15.674		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.544		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.951		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.158		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.69		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	17.142		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.702		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	17.968		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H36	SDG No.:	BM102824
Lab Sample ID:	P4529-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048273.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.64		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	18.662		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	19.091		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.802		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	201712	7.716				
1146-65-2	Naphthalene-d8	854618	10.504				
15067-26-2	Acenaphthene-d10	539668	14.363				
1517-22-2	Phenanthrene-d10	1046651	17.104				
1719-03-5	Chrysene-d12	889771	21.327				
1520-96-3	Perylene-d12	952588	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	100	J			15.721	
000057-10-3	n-Hexadecanoic acid	140	J			18.003	
	(DEL) Alkane: Straight-Chain	21.009	J			21.009	
E966796	Total Alkanes	150				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H37	SDG No.:	BM102824
Lab Sample ID:	P4529-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048274.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.8	79	ug/Kg
100-52-7	Benzaldehyde	89	U	89	97.9	390	ug/Kg
110-86-1	Pyridine	51	U	51	200	390	ug/Kg
108-95-2	Phenol	42	U	42	97.9	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	97.9	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.4	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	97.9	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	97.9	390	ug/Kg
98-86-2	Acetophenone	45	U	45	97.9	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	97.9	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	50.4	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.4	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.4	200	ug/Kg
78-59-1	Isophorone	40	U	40	50.4	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.4	200	ug/Kg
91-20-3	Naphthalene	40	U	40	50.4	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.4	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50.4	200	ug/Kg
105-60-2	Caprolactam	140	U	140	97.9	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	50.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	97.9	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H37	SDG No.:	BM102824
Lab Sample ID:	P4529-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048274.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	50.4	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.4	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.4	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.4	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	97.9	390	ug/Kg
83-32-9	Acenaphthene	49	U	49	50.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	97.9	390	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	97.9	390	ug/Kg
132-64-9	Dibenzofuran	55	U	55	50.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.4	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50.4	200	ug/Kg
86-73-7	Fluorene	53	U	53	50.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50.4	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	97.9	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	97.9	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	50.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	50.4	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.4	200	ug/Kg
1912-24-9	Atrazine	46	U	46	97.9	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.9	390	ug/Kg
85-01-8	Phenanthrene	52	U	52	50.4	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.4	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.4	200	ug/Kg
86-74-8	Carbazole	53	U	53	97.9	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.4	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	97.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H37	SDG No.:	BM102824
Lab Sample ID:	P4529-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048274.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	50.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	97.9	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.4	200	ug/Kg
218-01-9	Chrysene	53	U	53	50.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	97.9	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	50.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	50.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.797		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	30.145		20-120		75	SPK: -40
4165-62-2	Phenol-d5	32.464		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.561		10-150		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.238		15-120		83	SPK: -40
190780-66-6	4-Methylphenol-d8	33.549		10-140		84	SPK: -40
4165-60-0	Nitrobenzene-d5	33.888		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.525		10-120		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.314		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.393		1-145		86	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.856		10-145		87	SPK: -40
93951-97-4	Acenaphthylene-d8	35.543		15-120		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.203		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	35.446		20-140		89	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H37	SDG No.:	BM102824
Lab Sample ID:	P4529-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048274.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.567		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	36.503		10-150		91	SPK: -40
1718-52-1	Pyrene-d10	38.607		10-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.018		10-140		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226952	7.716				
1146-65-2	Naphthalene-d8	957410	10.504				
15067-26-2	Acenaphthene-d10	606116	14.363				
1517-22-2	Phenanthrene-d10	1159772	17.104				
1719-03-5	Chrysene-d12	930270	21.327				
1520-96-3	Perylene-d12	990172	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	300	J			15.721	
000057-10-3	n-Hexadecanoic acid	300	J			18.003	
000057-11-4	Octadecanoic acid	93	J			19.28	
1000406-04-8	Pentadecafluorooctanoic acid, octa	140	J			21.009	
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H45	SDG No.:	BM102824
Lab Sample ID:	P4529-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048275.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.4	75	ug/Kg
100-52-7	Benzaldehyde	84	U	84	92.4	370	ug/Kg
110-86-1	Pyridine	48	U	48	180	370	ug/Kg
108-95-2	Phenol	39	U	39	92.4	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	92.4	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.6	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	92.4	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30	U	30	92.4	370	ug/Kg
98-86-2	Acetophenone	43	U	43	92.4	370	ug/Kg
106-44-5	4-Methylphenol	36	U	36	92.4	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	32	U	32	47.6	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	47.6	190	ug/Kg
98-95-3	Nitrobenzene	40	U	40	47.6	190	ug/Kg
78-59-1	Isophorone	38	U	38	47.6	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	47.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	47.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	47.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	47.6	190	ug/Kg
91-20-3	Naphthalene	38	U	38	47.6	190	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	47.6	370	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	47.6	190	ug/Kg
105-60-2	Caprolactam	130	U	130	92.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31	U	31	47.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	47.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	47.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	88	U	88	92.4	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	47.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	47.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H45	SDG No.:	BM102824
Lab Sample ID:	P4529-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048275.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	47.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	47.6	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.6	190	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	47.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	47.6	190	ug/Kg
208-96-8	Acenaphthylene	48	U	48	47.6	190	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	92.4	370	ug/Kg
83-32-9	Acenaphthene	46	U	46	47.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	92.4	370	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	92.4	370	ug/Kg
132-64-9	Dibenzofuran	52	U	52	47.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	30	U	30	47.6	190	ug/Kg
84-66-2	Diethylphthalate	67	U	67	47.6	190	ug/Kg
86-73-7	Fluorene	50	U	50	47.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	47.6	190	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	92.4	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	92.4	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	47.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	47.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	47.6	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.6	190	ug/Kg
1912-24-9	Atrazine	44	U	44	92.4	370	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	92.4	370	ug/Kg
85-01-8	Phenanthrene	49	U	49	47.6	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	47.6	190	ug/Kg
120-12-7	Anthracene	48	U	48	47.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37	U	37	47.6	190	ug/Kg
86-74-8	Carbazole	50	U	50	92.4	370	ug/Kg
84-74-2	Di-n-butylphthalate	47	U	47	47.6	190	ug/Kg
206-44-0	Fluoranthene	49	U	49	92.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H45	SDG No.:	BM102824
Lab Sample ID:	P4529-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048275.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	47.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	47.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	92.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	47.6	190	ug/Kg
218-01-9	Chrysene	50	U	50	47.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	47.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	38	U	38	92.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	47	47.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	47.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	47	U	47	47.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41	U	41	47.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	41	U	41	47.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	47.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	47.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.945		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	18.311		20-120		46	SPK: -40
4165-62-2	Phenol-d5	20.372		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.42		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.988		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	20.546		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	20.298		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.432		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.463		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.906		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.847		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	21.435		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.071		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	21.337		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H45	SDG No.:	BM102824
Lab Sample ID:	P4529-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048275.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.368		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	21.603		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	22.356		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.483		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	231144	7.716				
1146-65-2	Naphthalene-d8	989295	10.504				
15067-26-2	Acenaphthene-d10	609778	14.357				
1517-22-2	Phenanthrene-d10	1164851	17.104				
1719-03-5	Chrysene-d12	953736	21.327				
1520-96-3	Perylene-d12	1038116	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	140	J			15.722	
000057-10-3	n-Hexadecanoic acid	140	J			17.998	
959085-66-6	Heptadecyl heptafluorobutyrate	120	J			21.01	
E966796	Total Alkanes	54	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H46	SDG No.:	BM102824
Lab Sample ID:	P4529-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BM048276.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.8	78	ug/Kg
100-52-7	Benzaldehyde	88	U	88	97.1	390	ug/Kg
110-86-1	Pyridine	51	U	51	190	390	ug/Kg
108-95-2	Phenol	41	U	41	97.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	97.1	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	97.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	97.1	390	ug/Kg
98-86-2	Acetophenone	45	U	45	97.1	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	97.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	50	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	50	200	ug/Kg
78-59-1	Isophorone	40	U	40	50	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50	200	ug/Kg
91-20-3	Naphthalene	40	U	40	50	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50	200	ug/Kg
105-60-2	Caprolactam	140	U	140	97.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93	U	93	97.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	50	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H46	SDG No.:	BM102824
Lab Sample ID:	P4529-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BM048276.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	50	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	97.1	390	ug/Kg
83-32-9	Acenaphthene	48	U	48	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	97.1	390	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	97.1	390	ug/Kg
132-64-9	Dibenzofuran	54	U	54	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50	200	ug/Kg
86-73-7	Fluorene	53	U	53	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	50	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	97.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	97.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	50	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50	200	ug/Kg
1912-24-9	Atrazine	46	U	46	97.1	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.1	390	ug/Kg
85-01-8	Phenanthrene	52	U	52	50	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	50	200	ug/Kg
120-12-7	Anthracene	51	U	51	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50	200	ug/Kg
86-74-8	Carbazole	53	U	53	97.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	50	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	97.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H46	SDG No.:	BM102824
Lab Sample ID:	P4529-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BM048276.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	97.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50	200	ug/Kg
218-01-9	Chrysene	53	U	53	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	97.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.182		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	17.612		20-120		44	SPK: -40
4165-62-2	Phenol-d5	19.789		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.545		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.078		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.525		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	20.395		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.756		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.586		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.637		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.101		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.154		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.07		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	21.509		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H46	SDG No.:	BM102824
Lab Sample ID:	P4529-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15
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
BM048276.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.617		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	21.835		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	23.528		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.033		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226431	7.716				
1146-65-2	Naphthalene-d8	981989	10.504				
15067-26-2	Acenaphthene-d10	637159	14.363				
1517-22-2	Phenanthrene-d10	1248021	17.104				
1719-03-5	Chrysene-d12	972945	21.327				
1520-96-3	Perylene-d12	1002226	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	190	J			15.722	
000057-10-3	n-Hexadecanoic acid	190	J			18.004	
1000282-98-2	Dichloroacetic acid, heptadecyl ester	100	J			21.009	
E966796	Total Alkanes	56	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H47	SDG No.:	BM102824
Lab Sample ID:	P4529-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048277.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.7	77	ug/Kg
100-52-7	Benzaldehyde	87	U	87	95.7	380	ug/Kg
110-86-1	Pyridine	50	U	50	190	380	ug/Kg
108-95-2	Phenol	41	U	41	95.7	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	95.7	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49.3	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	95.7	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	95.7	380	ug/Kg
98-86-2	Acetophenone	44	U	44	95.7	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	95.7	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.3	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.3	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.3	200	ug/Kg
78-59-1	Isophorone	39	U	39	49.3	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	49.3	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49.3	200	ug/Kg
91-20-3	Naphthalene	39	U	39	49.3	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.3	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	49.3	200	ug/Kg
105-60-2	Caprolactam	140	U	140	95.7	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	49.3	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	49.3	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	92	U	92	95.7	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H47	SDG No.:	BM102824
Lab Sample ID:	P4529-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BM048277.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	49.3	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.3	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.3	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	49.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	49.3	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49.3	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	95.7	380	ug/Kg
83-32-9	Acenaphthene	48	U	48	49.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	95.7	380	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	95.7	380	ug/Kg
132-64-9	Dibenzofuran	53	U	53	49.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	49.3	200	ug/Kg
84-66-2	Diethylphthalate	70	U	70	49.3	200	ug/Kg
86-73-7	Fluorene	52	U	52	49.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.3	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	95.7	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	95.7	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	49.3	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	49.3	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.3	200	ug/Kg
1912-24-9	Atrazine	45	U	45	95.7	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.7	380	ug/Kg
85-01-8	Phenanthrene	51	U	51	49.3	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	49.3	200	ug/Kg
120-12-7	Anthracene	50	U	50	49.3	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	49.3	200	ug/Kg
86-74-8	Carbazole	52	U	52	95.7	380	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.3	200	ug/Kg
206-44-0	Fluoranthene	51	U	51	95.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H47	SDG No.:	BM102824
Lab Sample ID:	P4529-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048277.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	49.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	95.7	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49.3	200	ug/Kg
218-01-9	Chrysene	52	U	52	49.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	49.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	95.7	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	49.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	49.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	49.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	49.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	49.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	49.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49.3	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.289		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	21.868		20-120		55	SPK: -40
4165-62-2	Phenol-d5	23.457		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.482		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.423		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	24.089		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	24.003		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.279		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.402		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.446		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.599		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	25.069		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.6		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	24.854		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H47	SDG No.:	BM102824
Lab Sample ID:	P4529-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048277.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.851		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	25.674		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	26.907		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.982		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	217761	7.716				
1146-65-2	Naphthalene-d8	930625	10.504				
15067-26-2	Acenaphthene-d10	586436	14.363				
1517-22-2	Phenanthrene-d10	1116718	17.104				
1719-03-5	Chrysene-d12	896437	21.327				
1520-96-3	Perylene-d12	964656	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	200	J			15.721	
000057-10-3	n-Hexadecanoic acid	150	J			18.004	
1000406-04-8	Pentadecafluorooctanoic acid, octa	85	J			21.009	
E966796	Total Alkanes	56	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS423	SDG No.:	BM102824
Lab Sample ID:	PB164423BS	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
BM048278.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164423

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	4.9	J	2.5	5	10	ug/L
110-86-1	Pyridine	30		1.4	10	10	ug/L
108-95-2	Phenol	32		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	30		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	32		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	31		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	30		1.4	5	10	ug/L
98-86-2	Acetophenone	30		1.5	5	10	ug/L
106-44-5	4-Methylphenol	31		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	30		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	29		1.4	2.5	5	ug/L
78-59-1	Isophorone	29		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	30		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	28		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	29		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	16		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	29		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	30		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	29		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	26		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	31		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	31		1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS423	SDG No.:	BM102824
Lab Sample ID:	PB164423BS	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
BM048278.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	30		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	28		0.84	5	10	ug/L
83-32-9	Acenaphthene	29		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	26		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	27		1.5	5	10	ug/L
132-64-9	Dibenzofuran	29		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	29		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	28		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	28		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	33		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	31		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	30		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	29		1.6	2.5	5	ug/L
1912-24-9	Atrazine	31		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	30		3.6	5	10	ug/L
85-01-8	Phenanthrene	29		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	30		1.5	2.5	5	ug/L
120-12-7	Anthracene	30		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	31		1.2	2.5	5	ug/L
86-74-8	Carbazole	30		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	30		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	32		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS423	SDG No.:	BM102824
Lab Sample ID:	PB164423BS	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
BM048278.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	31		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	30		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	30		1.4	2.5	5	ug/L
218-01-9	Chrysene	30		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	31		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	30		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	31		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	31		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	31		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	33		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	33		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	33		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	29		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.968		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	29.079		20-120		73	SPK: -40
4165-62-2	Phenol-d5	31.212		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.036		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.984		20-130		80	SPK: -40
190780-66-6	4-Methylphenol-d8	30.591		25-125		76	SPK: -40
4165-60-0	Nitrobenzene-d5	30.091		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.773		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.758		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.426		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.425		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	29.633		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.587		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	28.334		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS423	SDG No.:	BM102824
Lab Sample ID:	PB164423BS	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
BM048278.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.698		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	29.906		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	31.508		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.188		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	262293	7.716				
1146-65-2	Naphthalene-d8	1120894	10.504				
15067-26-2	Acenaphthene-d10	686442	14.363				
1517-22-2	Phenanthrene-d10	1258009	17.104				
1719-03-5	Chrysene-d12	976039	21.327				
1520-96-3	Perylene-d12	1018561	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK388	SDG No.:	BM102824
Lab Sample ID:	PB164388BL	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
BM048280.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164388

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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK388	SDG No.:	BM102824
Lab Sample ID:	PB164388BL	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
BM048280.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164388

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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK388	SDG No.:	BM102824
Lab Sample ID:	PB164388BL	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
BM048280.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164388

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	6.672		15-120		83	SPK: -8
7291-22-7	Pyridine-d5	31.984		20-120		80	SPK: -40
4165-62-2	Phenol-d5	30.947		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.543		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.847		20-130		82	SPK: -40
190780-66-6	4-Methylphenol-d8	30.84		25-125		77	SPK: -40
4165-60-0	Nitrobenzene-d5	31.844		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.676		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.313		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.834		1-146		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.973		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	32.679		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.336		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	32.138		25-125		80	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK388	SDG No.:	BM102824
Lab Sample ID:	PB164388BL	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
BM048280.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.98		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	33.698		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	34.012		15-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.69		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	184642	7.716				
1146-65-2	Naphthalene-d8	779722	10.504				
15067-26-2	Acenaphthene-d10	472174	14.363				
1517-22-2	Phenanthrene-d10	905231	17.104				
1719-03-5	Chrysene-d12	759432	21.333				
1520-96-3	Perylene-d12	826873	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK417	SDG No.:	BM102824
Lab Sample ID:	PB164417BL	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
BM048281.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK417	SDG No.:	BM102824
Lab Sample ID:	PB164417BL	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
BM048281.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK417	SDG No.:	BM102824
Lab Sample ID:	PB164417BL	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
BM048281.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

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	5.944		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	28.365		20-120		71	SPK: -40
4165-62-2	Phenol-d5	27.204		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.552		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.501		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	27.675		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	28.263		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.425		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.967		20-120		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.373		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.203		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.982		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.795		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	29.13		25-125		73	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK417	SDG No.:	BM102824
Lab Sample ID:	PB164417BL	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
BM048281.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.003		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	30.105		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	32.373		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.363		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	202572	7.716				
1146-65-2	Naphthalene-d8	871976	10.504				
15067-26-2	Acenaphthene-d10	560340	14.357				
1517-22-2	Phenanthrene-d10	1093572	17.104				
1719-03-5	Chrysene-d12	823670	21.327				
1520-96-3	Perylene-d12	859046	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	GCNZ6	SDG No.:	BM102824
Lab Sample ID:	P4532-18	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
BM048282.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.7		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:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	GCNZ6	SDG No.:	BM102824
Lab Sample ID:	P4532-18	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
BM048282.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164388

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:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	GCNZ6	SDG No.:	BM102824
Lab Sample ID:	P4532-18	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
BM048282.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164388

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	6.481		15-120		81	SPK: -8
7291-22-7	Pyridine-d5	32.948		20-120		82	SPK: -40
4165-62-2	Phenol-d5	34.123		10-130		85	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.158		25-120		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.682		20-130		87	SPK: -40
190780-66-6	4-Methylphenol-d8	34.019		25-125		85	SPK: -40
4165-60-0	Nitrobenzene-d5	35.156		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.956		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.412		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	35.359		1-146		88	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.347		25-130		93	SPK: -40
93951-97-4	Acenaphthylene-d8	36.77		10-130		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.349		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	37.595		25-125		94	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	GCNZ6	SDG No.:	BM102824
Lab Sample ID:	P4532-18	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
BM048282.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.305		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	40.573		25-130		101	SPK: -40
1718-52-1	Pyrene-d10	40.465		15-130		101	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.715		20-130		104	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	177559	7.716				
1146-65-2	Naphthalene-d8	731463	10.504				
15067-26-2	Acenaphthene-d10	444495	14.357				
1517-22-2	Phenanthrene-d10	858344	17.104				
1719-03-5	Chrysene-d12	724576	21.327				
1520-96-3	Perylene-d12	811583	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA108	SDG No.:	BM102824
Lab Sample ID:	P4476-09	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
BM048283.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

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	42		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)	86		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	120	E	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	110	E	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	72		1.4	2.5	5	ug/L
78-59-1	Isophorone	150	E	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	35		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	20		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	96	E	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	70		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	89		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:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA108	SDG No.:	BM102824
Lab Sample ID:	P4476-09	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
BM048283.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

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	140	E	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	56		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	18		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	90	E	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	180	E	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	170	E	1.5	2.5	5	ug/L
86-73-7	Fluorene	13		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	56		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	39		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	50		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	65		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	200	E	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	70		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA108	SDG No.:	BM102824
Lab Sample ID:	P4476-09	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
BM048283.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

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	67		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	32		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	59		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	68		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	62		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	41		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	40		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	72		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	7.099		15-120		89	SPK: -8
7291-22-7	Pyridine-d5	37.141		20-120		93	SPK: -40
4165-62-2	Phenol-d5	37.628		10-130		94	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.903		25-120		97	SPK: -40
93951-73-6	2-Chlorophenol-d4	38.589		20-130		96	SPK: -40
190780-66-6	4-Methylphenol-d8	35.197		25-125		88	SPK: -40
4165-60-0	Nitrobenzene-d5	40.356		20-125		101	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.804		20-130		105	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.906		20-120		97	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.521		1-146		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.924		25-130		105	SPK: -40
93951-97-4	Acenaphthylene-d8	41.329		10-130		103	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.977		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	42.163		25-125		105	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA108	SDG No.:	BM102824
Lab Sample ID:	P4476-09	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
BM048283.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.938		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	43.011		25-130		108	SPK: -40
1718-52-1	Pyrene-d10	45.359		15-130		113	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.874		20-130		115	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162379	7.716				
1146-65-2	Naphthalene-d8	656506	10.504				
15067-26-2	Acenaphthene-d10	389559	14.357				
1517-22-2	Phenanthrene-d10	732433	17.103				
1719-03-5	Chrysene-d12	620497	21.327				
1520-96-3	Perylene-d12	654633	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	190	J			7.604	
000106-46-7	Benzene, 1,4-dichloro-	72	J			8.069	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	2.1	J			9.745	
000120-82-1	Benzene, 1,2,4-trichloro-	36	J			10.369	
000084-65-1	9,10-Anthracenedione	5	J			18.527	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA108DL	SDG No.:	BM102824
Lab Sample ID:	P4476-09DL	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
BM048284.D	5	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.45	U	2.45	2.5	10	ug/L
100-52-7	Benzaldehyde	12.5	U	12.5	25	50	ug/L
110-86-1	Pyridine	7	U	7	50	50	ug/L
108-95-2	Phenol	7	U	7	25	50	ug/L
111-44-4	Bis(2-Chloroethyl)ether	41	JD	7	25	50	ug/L
95-57-8	2-Chlorophenol	6.5	U	6.5	12.5	25	ug/L
95-48-7	2-Methylphenol	7	U	7	25	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	86	D	7	25	50	ug/L
98-86-2	Acetophenone	7.5	U	7.5	25	50	ug/L
106-44-5	4-Methylphenol	7	U	7	25	50	ug/L
621-64-7	N-Nitroso-di-n-propylamine	120	D	8	12.5	25	ug/L
67-72-1	Hexachloroethane	100	D	5.5	12.5	25	ug/L
98-95-3	Nitrobenzene	66	D	7	12.5	25	ug/L
78-59-1	Isophorone	140	D	7	12.5	25	ug/L
88-75-5	2-Nitrophenol	7	U	7	12.5	25	ug/L
105-67-9	2,4-Dimethylphenol	4.9	U	4.9	12.5	25	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	32	D	7.5	12.5	25	ug/L
120-83-2	2,4-Dichlorophenol	7.5	U	7.5	12.5	25	ug/L
91-20-3	Naphthalene	20	JD	6.5	12.5	25	ug/L
106-47-8	4-Chloroaniline	7	U	7	12.5	50	ug/L
87-68-3	Hexachlorobutadiene	93	D	6	12.5	25	ug/L
105-60-2	Caprolactam	22.5	U	22.5	25	50	ug/L
59-50-7	4-Chloro-3-methylphenol	7	U	7	12.5	25	ug/L
90-12-0	1-Methylnaphthalene	6.5	U	6.5	12.5	25	ug/L
91-57-6	2-Methylnaphthalene	70	D	7	12.5	25	ug/L
77-47-4	Hexachlorocyclopentadiene	74	D	16.5	25	50	ug/L
88-06-2	2,4,6-Trichlorophenol	7.5	U	7.5	12.5	25	ug/L
95-95-4	2,4,5-Trichlorophenol	7.5	U	7.5	12.5	25	ug/L

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA108DL	SDG No.:	BM102824
Lab Sample ID:	P4476-09DL	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
BM048284.D	5	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	8.5	U	8.5	12.5	25	ug/L
91-58-7	2-Chloronaphthalene	130	D	8	12.5	25	ug/L
88-74-4	2-Nitroaniline	6	U	6	12.5	25	ug/L
131-11-3	Dimethylphthalate	7.5	U	7.5	12.5	25	ug/L
606-20-2	2,6-Dinitrotoluene	5.5	U	5.5	12.5	25	ug/L
208-96-8	Acenaphthylene	53	D	7.5	12.5	25	ug/L
99-09-2	3-Nitroaniline	4.2	U	4.2	25	50	ug/L
83-32-9	Acenaphthene	18	JD	7.5	12.5	25	ug/L
51-28-5	2,4-Dinitrophenol	29.5	U	29.5	25	50	ug/L
100-02-7	4-Nitrophenol	7.5	U	7.5	25	50	ug/L
132-64-9	Dibenzofuran	91	D	7.5	12.5	25	ug/L
121-14-2	2,4-Dinitrotoluene	170	D	5.5	12.5	25	ug/L
84-66-2	Diethylphthalate	180	D	7.5	12.5	25	ug/L
86-73-7	Fluorene	13	JD	7.5	12.5	25	ug/L
7005-72-3	4-Chlorophenyl-phenylether	55	D	8	12.5	25	ug/L
100-01-6	4-Nitroaniline	6.5	U	6.5	25	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.7	U	4.7	25	50	ug/L
86-30-6	N-Nitrosodiphenylamine	8	U	8	12.5	25	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	9	U	9	12.5	25	ug/L
101-55-3	4-Bromophenyl-phenylether	7.5	U	7.5	12.5	25	ug/L
118-74-1	Hexachlorobenzene	39	D	8	12.5	25	ug/L
1912-24-9	Atrazine	8	U	8	25	50	ug/L
87-86-5	Pentachlorophenol	18	U	18	25	50	ug/L
85-01-8	Phenanthrene	50	D	8	12.5	25	ug/L
608-93-5	Pentachlorobenzene	7.5	U	7.5	12.5	25	ug/L
120-12-7	Anthracene	62	D	7	12.5	25	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	6	U	6	12.5	25	ug/L
86-74-8	Carbazole	8	U	8	25	50	ug/L
84-74-2	Di-n-butylphthalate	200	D	8.5	12.5	25	ug/L
206-44-0	Fluoranthene	73	D	8.5	25	25	ug/L

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA108DL	SDG No.:	BM102824
Lab Sample ID:	P4476-09DL	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
BM048284.D	5	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	8.5	U	8.5	12.5	25	ug/L
85-68-7	Butylbenzylphthalate	58	D	7.5	12.5	25	ug/L
91-94-1	3,3-Dichlorobenzidine	5.5	U	5.5	25	50	ug/L
56-55-3	Benzo(a)anthracene	30	D	7	12.5	25	ug/L
218-01-9	Chrysene	7.5	U	7.5	12.5	25	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	48	D	9	12.5	25	ug/L
117-84-0	Di-n-octyl phthalate	7	U	7	25	50	ug/L
205-99-2	Benzo(b)fluoranthene	63	D	8	12.5	25	ug/L
207-08-9	Benzo(k)fluoranthene	59	D	8.5	12.5	25	ug/L
50-32-8	Benzo(a)pyrene	37	D	7.5	12.5	25	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	40	D	7	12.5	25	ug/L
53-70-3	Dibenzo(a,h)anthracene	34	D	7	12.5	25	ug/L
191-24-2	Benzo(g,h,i)perylene	63	D	7	12.5	25	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7	U	7	12.5	25	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.18		15-120		90	SPK: -8
7291-22-7	Pyridine-d5	32.545		20-120		81	SPK: -40
4165-62-2	Phenol-d5	34.075		10-130		85	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38		25-120		95	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.03		20-130		88	SPK: -40
190780-66-6	4-Methylphenol-d8	32.285		25-125		81	SPK: -40
4165-60-0	Nitrobenzene-d5	35.12		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.54		20-130		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.11		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.085		1-146		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.305		25-130		101	SPK: -40
93951-97-4	Acenaphthylene-d8	37.92		10-130		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.215		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	41.2		25-125		103	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA108DL	SDG No.:	BM102824
Lab Sample ID:	P4476-09DL	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
BM048284.D	5	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	40.715		25-130		102	SPK: -40
1718-52-1	Pyrene-d10	45.12		15-130		113	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.045		20-130		103	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	214126	7.716				
1146-65-2	Naphthalene-d8	905571	10.504				
15067-26-2	Acenaphthene-d10	573153	14.357				
1517-22-2	Phenanthrene-d10	1098510	17.104				
1719-03-5	Chrysene-d12	847831	21.327				
1520-96-3	Perylene-d12	882561	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	140	JD			7.604	
000541-73-1	Benzene, 1,3-dichloro-	54	JD			8.069	
000120-82-1	Benzene, 1,2,4-trichloro-	36	JD			10.369	
E966796	Total Alkanes	8.5	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNX7	SDG No.:	BM102824
Lab Sample ID:	P4532-16	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
BM048285.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164388

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNX7	SDG No.:	BM102824
Lab Sample ID:	P4532-16	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
BM048285.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164388

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNX7	SDG No.:	BM102824
Lab Sample ID:	P4532-16	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
BM048285.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164388

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	5.342		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	9.571		20-120		24	SPK: -40
4165-62-2	Phenol-d5	8.377		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.234		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.582		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	19.919		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	29.022		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.649		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.766		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.744		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.044		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	31.739		10-130		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.581		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	33.408		25-125		84	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNX7	SDG No.:	BM102824
Lab Sample ID:	P4532-16	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
BM048285.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.581		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	35.944		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	38.452		15-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.726		20-130		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	212933	7.716				
1146-65-2	Naphthalene-d8	914099	10.504				
15067-26-2	Acenaphthene-d10	584687	14.357				
1517-22-2	Phenanthrene-d10	1115734	17.104				
1719-03-5	Chrysene-d12	887542	21.327				
1520-96-3	Perylene-d12	947787	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
000149-57-5	Hexanoic acid, 2-ethyl-	50	J			9.128	
000065-85-0	Benzoic acid	14	J			9.839	
000099-94-5	Benzoic acid, 4-methyl-	7.5	J			11.463	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	2.2	J			13.263	
000098-73-7	Benzoic acid, p-tert-butyl-	21	J			14.204	
000119-61-9	Benzophenone	5.3	J			15.715	
001912-24-9	Atra zine	2.2	J			16.568	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNX8	SDG No.:	BM102824
Lab Sample ID:	P4532-17	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
BM048286.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.7		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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNX8	SDG No.:	BM102824
Lab Sample ID:	P4532-17	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
BM048286.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164388

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNX8	SDG No.:	BM102824
Lab Sample ID:	P4532-17	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
BM048286.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164388

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	6.162		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	9.361		20-120		23	SPK: -40
4165-62-2	Phenol-d5	8.954		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.979		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.41		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	20.071		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	33.872		20-125		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.032		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.286		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.486		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.657		25-130		92	SPK: -40
93951-97-4	Acenaphthylene-d8	36.189		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.282		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	36.713		25-125		92	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNX8	SDG No.:	BM102824
Lab Sample ID:	P4532-17	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
BM048286.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164388

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.493		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	38.514		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	39.232		15-130		98	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.494		20-130		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173053	7.716				
1146-65-2	Naphthalene-d8	716108	10.504				
15067-26-2	Acenaphthene-d10	431582	14.357				
1517-22-2	Phenanthrene-d10	843615	17.098				
1719-03-5	Chrysene-d12	725867	21.327				
1520-96-3	Perylene-d12	799964	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	2.6	J			15.721	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EA1	SDG No.:	BM102824
Lab Sample ID:	P4493-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048287.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	66	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82	330	ug/Kg
110-86-1	Pyridine	43	U	43	160	330	ug/Kg
108-95-2	Phenol	1100		35	82	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	6100	E	34	82	330	ug/Kg
95-57-8	2-Chlorophenol	2800	E	28	42.2	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	5900	E	29	42.2	170	ug/Kg
67-72-1	Hexachloroethane	4200	E	23	42.2	170	ug/Kg
98-95-3	Nitrobenzene	1200		36	42.2	170	ug/Kg
78-59-1	Isophorone	4900	E	34	42.2	170	ug/Kg
88-75-5	2-Nitrophenol	1500		32	42.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.2	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	5700	E	38	42.2	170	ug/Kg
120-83-2	2,4-Dichlorophenol	3200	E	39	42.2	170	ug/Kg
91-20-3	Naphthalene	34	U	34	42.2	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.2	330	ug/Kg
87-68-3	Hexachlorobutadiene	4200	E	34	42.2	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		28	42.2	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.2	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		37	42.2	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	78	U	78	82	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	5000	E	43	42.2	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		42	42.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EA1	SDG No.:	BM102824
Lab Sample ID:	P4493-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048287.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.2	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.2	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.2	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.2	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	6600	E	21	42.2	170	ug/Kg
208-96-8	Acenaphthylene	610		43	42.2	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82	330	ug/Kg
83-32-9	Acenaphthene	3200	E	41	42.2	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82	330	ug/Kg
100-02-7	4-Nitrophenol	2300		41	82	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.2	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	4300	E	27	42.2	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.2	170	ug/Kg
86-73-7	Fluorene	4400	E	45	42.2	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		47	42.2	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.2	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.2	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		45	42.2	170	ug/Kg
118-74-1	Hexachlorobenzene	5500	E	50	42.2	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82	330	ug/Kg
87-86-5	Pentachlorophenol	5300	E	86	82	330	ug/Kg
85-01-8	Phenanthrene	1200		44	42.2	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.2	170	ug/Kg
120-12-7	Anthracene	1200		43	42.2	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.2	170	ug/Kg
86-74-8	Carbazole	45	U	45	82	330	ug/Kg
84-74-2	Di-n-butylphthalate	4300	E	42	42.2	170	ug/Kg
206-44-0	Fluoranthene	4100	E	44	82	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EA1	SDG No.:	BM102824
Lab Sample ID:	P4493-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048287.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800		44	42.2	170	ug/Kg
85-68-7	Butylbenzylphthalate	1200		32	42.2	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82	330	ug/Kg
56-55-3	Benzo(a)anthracene	3300	E	39	42.2	170	ug/Kg
218-01-9	Chrysene	4700	E	45	42.2	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	5000	E	44	42.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	4300	E	42	42.2	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.2	170	ug/Kg
50-32-8	Benzo(a)pyrene	1100		42	42.2	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	930		37	42.2	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2400		37	42.2	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	850		35	42.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.2	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.488		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	20.392		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.295		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.461		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	19.673		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	21.599		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.125		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.001		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.129		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.261		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	23		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.26		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	23.164		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EA1	SDG No.:	BM102824
Lab Sample ID:	P4493-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048287.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.025		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	22.552		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	25.156		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.689		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	191666	7.716				
1146-65-2	Naphthalene-d8	786141	10.504				
15067-26-2	Acenaphthene-d10	461202	14.363				
1517-22-2	Phenanthrene-d10	887918	17.104				
1719-03-5	Chrysene-d12	740857	21.333				
1520-96-3	Perylene-d12	874967	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	600	J			8.069	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	140	J			9.746	
000643-58-3	1,1-Biphenyl, 2-methyl-	70	J			15.657	
000119-61-9	Benzophenone	200	J			15.722	
000057-10-3	n-Hexadecanoic acid	130	J			17.998	
000084-65-1	9,10-Anthracenedione	110	J			18.522	
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EA1DL	SDG No.:	BM102824
Lab Sample ID:	P4493-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048288.D	5	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	65	U	65	32.8	330	ug/Kg
100-52-7	Benzaldehyde	370	U	370	410	1600	ug/Kg
110-86-1	Pyridine	210	U	210	820	1600	ug/Kg
108-95-2	Phenol	1100	JD	170	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	6300	D	170	410	1600	ug/Kg
95-57-8	2-Chlorophenol	2800	D	140	210	840	ug/Kg
95-48-7	2-Methylphenol	150	U	150	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	410	1600	ug/Kg
98-86-2	Acetophenone	190	U	190	410	1600	ug/Kg
106-44-5	4-Methylphenol	160	U	160	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	6300	D	140	210	840	ug/Kg
67-72-1	Hexachloroethane	4300	D	110	210	840	ug/Kg
98-95-3	Nitrobenzene	1100	D	180	210	840	ug/Kg
78-59-1	Isophorone	5100	D	170	210	840	ug/Kg
88-75-5	2-Nitrophenol	1300	D	160	210	840	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	140	210	840	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	5800	D	190	210	840	ug/Kg
120-83-2	2,4-Dichlorophenol	3000	D	190	210	840	ug/Kg
91-20-3	Naphthalene	170	U	170	210	840	ug/Kg
106-47-8	4-Chloroaniline	210	U	210	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	4300	D	170	210	840	ug/Kg
105-60-2	Caprolactam	600	U	600	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	D	140	210	840	ug/Kg
90-12-0	1-Methylnaphthalene	200	U	200	210	840	ug/Kg
91-57-6	2-Methylnaphthalene	1600	D	180	210	840	ug/Kg
77-47-4	Hexachlorocyclopentadiene	390	U	390	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	5000	D	210	210	840	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100	D	210	210	840	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EA1DL	SDG No.:	BM102824
Lab Sample ID:	P4493-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048288.D	5	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	240	U	240	210	840	ug/Kg
91-58-7	2-Chloronaphthalene	220	U	220	210	840	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	210	840	ug/Kg
131-11-3	Dimethylphthalate	210	U	210	210	840	ug/Kg
606-20-2	2,6-Dinitrotoluene	6400	D	100	210	840	ug/Kg
208-96-8	Acenaphthylene	590	JD	210	210	840	ug/Kg
99-09-2	3-Nitroaniline	99	U	99	410	1600	ug/Kg
83-32-9	Acenaphthene	3400	D	200	210	840	ug/Kg
51-28-5	2,4-Dinitrophenol	600	U	600	410	1600	ug/Kg
100-02-7	4-Nitrophenol	1600	D	200	410	1600	ug/Kg
132-64-9	Dibenzofuran	230	U	230	210	840	ug/Kg
121-14-2	2,4-Dinitrotoluene	4000	D	130	210	840	ug/Kg
84-66-2	Diethylphthalate	300	U	300	210	840	ug/Kg
86-73-7	Fluorene	5000	D	220	210	840	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600	D	230	210	840	ug/Kg
100-01-6	4-Nitroaniline	210	U	210	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79	U	79	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	210	U	210	210	840	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	250	210	840	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100	D	220	210	840	ug/Kg
118-74-1	Hexachlorobenzene	6100	D	250	210	840	ug/Kg
1912-24-9	Atrazine	190	U	190	410	1600	ug/Kg
87-86-5	Pentachlorophenol	5200	D	430	410	1600	ug/Kg
85-01-8	Phenanthrene	1300	D	220	210	840	ug/Kg
608-93-5	Pentachlorobenzene	250	U	250	210	840	ug/Kg
120-12-7	Anthracene	1200	D	210	210	840	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	160	U	160	210	840	ug/Kg
86-74-8	Carbazole	220	U	220	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	4400	D	210	210	840	ug/Kg
206-44-0	Fluoranthene	4300	D	220	410	840	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EA1DL	SDG No.:	BM102824
Lab Sample ID:	P4493-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048288.D	5	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1800	D	220	210	840	ug/Kg
85-68-7	Butylbenzylphthalate	1000	D	160	210	840	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	3400	D	190	210	840	ug/Kg
218-01-9	Chrysene	5400	D	220	210	840	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	5000	D	220	210	840	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	4700	D	210	210	840	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	U	220	210	840	ug/Kg
50-32-8	Benzo(a)pyrene	1000	D	210	210	840	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	870	D	180	210	840	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2300	D	180	210	840	ug/Kg
191-24-2	Benzo(g,h,i)perylene	780	JD	170	210	840	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	180	U	180	210	840	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.44		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	19.555		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.145		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	18.86		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	19.97		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.74		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.315		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.56		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.37		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.725		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.58		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	23.2		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EA1DL	SDG No.:	BM102824
Lab Sample ID:	P4493-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048288.D	5	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.71		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	22.43		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	24.2		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.65		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	210909	7.716				
1146-65-2	Naphthalene-d8	906031	10.504				
15067-26-2	Acenaphthene-d10	528863	14.357				
1517-22-2	Phenanthrene-d10	1026677	17.104				
1719-03-5	Chrysene-d12	862954	21.327				
1520-96-3	Perylene-d12	947810	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	6900	JD			8.069	
E966796	Total Alkanes	240	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4E61	SDG No.:	BM102824
Lab Sample ID:	P4492-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048289.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	66	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82	330	ug/Kg
110-86-1	Pyridine	43	U	43	160	330	ug/Kg
108-95-2	Phenol	1300		35	82	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	7600	E	34	82	330	ug/Kg
95-57-8	2-Chlorophenol	3500	E	28	42.2	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	7100	E	29	42.2	170	ug/Kg
67-72-1	Hexachloroethane	5200	E	23	42.2	170	ug/Kg
98-95-3	Nitrobenzene	1600		36	42.2	170	ug/Kg
78-59-1	Isophorone	6200	E	34	42.2	170	ug/Kg
88-75-5	2-Nitrophenol	1900		32	42.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.2	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	7300	E	38	42.2	170	ug/Kg
120-83-2	2,4-Dichlorophenol	4000	E	39	42.2	170	ug/Kg
91-20-3	Naphthalene	34	U	34	42.2	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.2	330	ug/Kg
87-68-3	Hexachlorobutadiene	5300	E	34	42.2	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28	42.2	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.2	170	ug/Kg
91-57-6	2-Methylnaphthalene	2100		37	42.2	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	78	U	78	82	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	6400	E	43	42.2	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		42	42.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4E61	SDG No.:	BM102824
Lab Sample ID:	P4492-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048289.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.2	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.2	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.2	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.2	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	8700	E	21	42.2	170	ug/Kg
208-96-8	Acenaphthylene	770		43	42.2	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82	330	ug/Kg
83-32-9	Acenaphthene	4100	E	41	42.2	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82	330	ug/Kg
100-02-7	4-Nitrophenol	3100		41	82	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.2	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	5700	E	27	42.2	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.2	170	ug/Kg
86-73-7	Fluorene	5600	E	45	42.2	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800		47	42.2	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.2	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.2	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		45	42.2	170	ug/Kg
118-74-1	Hexachlorobenzene	7500	E	50	42.2	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82	330	ug/Kg
87-86-5	Pentachlorophenol	7400	E	86	82	330	ug/Kg
85-01-8	Phenanthrene	1700		44	42.2	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.2	170	ug/Kg
120-12-7	Anthracene	1600		43	42.2	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.2	170	ug/Kg
86-74-8	Carbazole	45	U	45	82	330	ug/Kg
84-74-2	Di-n-butylphthalate	5700	E	42	42.2	170	ug/Kg
206-44-0	Fluoranthene	5900	E	44	82	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4E61	SDG No.:	BM102824
Lab Sample ID:	P4492-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048289.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2600		44	42.2	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		32	42.2	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82	330	ug/Kg
56-55-3	Benzo(a)anthracene	4600	E	39	42.2	170	ug/Kg
218-01-9	Chrysene	6400	E	45	42.2	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6900	E	44	42.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	6000	E	42	42.2	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.2	170	ug/Kg
50-32-8	Benzo(a)pyrene	1500		42	42.2	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		37	42.2	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3300	E	37	42.2	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		35	42.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.2	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.799		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	25.52		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.056		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.704		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	25.543		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	27.38		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.974		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.846		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.212		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.953		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	29.427		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.759		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	29.949		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4E61	SDG No.:	BM102824
Lab Sample ID:	P4492-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048289.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.353		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	30.303		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	35.469		10-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.178		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173014	7.716				
1146-65-2	Naphthalene-d8	707006	10.504				
15067-26-2	Acenaphthene-d10	415863	14.363				
1517-22-2	Phenanthrene-d10	766941	17.104				
1719-03-5	Chrysene-d12	576912	21.333				
1520-96-3	Perylene-d12	671015	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	620	J			8.069	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	180	J			9.745	
000643-58-3	1,1-Biphenyl, 2-methyl-	95	J			15.657	
000119-61-9	Benzophenone	280	J			15.721	
000112-39-0	Hexadecanoic acid, methyl ester	79	J			17.774	
000057-10-3	n-Hexadecanoic acid	180	J			17.998	
000084-65-1	9,10-Anthracenedione	150	J			18.521	
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4E61DL	SDG No.:	BM102824
Lab Sample ID:	P4492-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048290.D	5	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	65	U	65	32.8	330	ug/Kg
100-52-7	Benzaldehyde	370	U	370	410	1600	ug/Kg
110-86-1	Pyridine	210	U	210	820	1600	ug/Kg
108-95-2	Phenol	1300	JD	170	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	7700	D	170	410	1600	ug/Kg
95-57-8	2-Chlorophenol	3400	D	140	210	840	ug/Kg
95-48-7	2-Methylphenol	150	U	150	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	410	1600	ug/Kg
98-86-2	Acetophenone	190	U	190	410	1600	ug/Kg
106-44-5	4-Methylphenol	160	U	160	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	7400	D	140	210	840	ug/Kg
67-72-1	Hexachloroethane	5300	D	110	210	840	ug/Kg
98-95-3	Nitrobenzene	1400	D	180	210	840	ug/Kg
78-59-1	Isophorone	6300	D	170	210	840	ug/Kg
88-75-5	2-Nitrophenol	1600	D	160	210	840	ug/Kg
105-67-9	2,4-Dimethylphenol	140	U	140	210	840	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	7200	D	190	210	840	ug/Kg
120-83-2	2,4-Dichlorophenol	3900	D	190	210	840	ug/Kg
91-20-3	Naphthalene	170	U	170	210	840	ug/Kg
106-47-8	4-Chloroaniline	210	U	210	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	5500	D	170	210	840	ug/Kg
105-60-2	Caprolactam	600	U	600	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400	D	140	210	840	ug/Kg
90-12-0	1-Methylnaphthalene	200	U	200	210	840	ug/Kg
91-57-6	2-Methylnaphthalene	2000	D	180	210	840	ug/Kg
77-47-4	Hexachlorocyclopentadiene	390	U	390	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	6300	D	210	210	840	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400	D	210	210	840	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4E61DL	SDG No.:	BM102824
Lab Sample ID:	P4492-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048290.D	5	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	240	U	240	210	840	ug/Kg
91-58-7	2-Chloronaphthalene	220	U	220	210	840	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	210	840	ug/Kg
131-11-3	Dimethylphthalate	210	U	210	210	840	ug/Kg
606-20-2	2,6-Dinitrotoluene	8400	D	100	210	840	ug/Kg
208-96-8	Acenaphthylene	730	JD	210	210	840	ug/Kg
99-09-2	3-Nitroaniline	99	U	99	410	1600	ug/Kg
83-32-9	Acenaphthene	4400	D	200	210	840	ug/Kg
51-28-5	2,4-Dinitrophenol	600	U	600	410	1600	ug/Kg
100-02-7	4-Nitrophenol	2500	D	200	410	1600	ug/Kg
132-64-9	Dibenzofuran	230	U	230	210	840	ug/Kg
121-14-2	2,4-Dinitrotoluene	5400	D	130	210	840	ug/Kg
84-66-2	Diethylphthalate	300	U	300	210	840	ug/Kg
86-73-7	Fluorene	6600	D	220	210	840	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100	D	230	210	840	ug/Kg
100-01-6	4-Nitroaniline	210	U	210	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79	U	79	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	210	U	210	210	840	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	250	U	250	210	840	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500	D	220	210	840	ug/Kg
118-74-1	Hexachlorobenzene	8300	D	250	210	840	ug/Kg
1912-24-9	Atrazine	190	U	190	410	1600	ug/Kg
87-86-5	Pentachlorophenol	7300	D	430	410	1600	ug/Kg
85-01-8	Phenanthrene	1700	D	220	210	840	ug/Kg
608-93-5	Pentachlorobenzene	250	U	250	210	840	ug/Kg
120-12-7	Anthracene	1600	D	210	210	840	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	160	U	160	210	840	ug/Kg
86-74-8	Carbazole	220	U	220	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	6100	D	210	210	840	ug/Kg
206-44-0	Fluoranthene	5700	D	220	410	840	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4E61DL	SDG No.:	BM102824
Lab Sample ID:	P4492-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048290.D	5	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2400	D	220	210	840	ug/Kg
85-68-7	Butylbenzylphthalate	1400	D	160	210	840	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	4600	D	190	210	840	ug/Kg
218-01-9	Chrysene	7100	D	220	210	840	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	6700	D	220	210	840	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	6400	D	210	210	840	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	U	220	210	840	ug/Kg
50-32-8	Benzo(a)pyrene	1400	D	210	210	840	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200	D	180	210	840	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3100	D	180	210	840	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100	D	170	210	840	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	180	U	180	210	840	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.235		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	23.825		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.555		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.115		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.125		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	24.28		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.775		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.525		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.22		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.175		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	27.58		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.6		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	29.75		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	A4E61DL	SDG No.:	BM102824
Lab Sample ID:	P4492-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.2 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048290.D	5	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.06		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	28.88		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	31.245		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.315		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	193283	7.716				
1146-65-2	Naphthalene-d8	807582	10.504				
15067-26-2	Acenaphthene-d10	488001	14.357				
1517-22-2	Phenanthrene-d10	955351	17.098				
1719-03-5	Chrysene-d12	832050	21.327				
1520-96-3	Perylene-d12	895822	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-88-3	Toluene	480	JD			3.91	
000095-50-1	Benzene, 1,2-dichloro-	8300	JD			8.063	
E966796	Total Alkanes	240	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK416	SDG No.:	BM102824
Lab Sample ID:	PB164416BL	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
BM048292.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK416	SDG No.:	BM102824
Lab Sample ID:	PB164416BL	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
BM048292.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

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:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK416	SDG No.:	BM102824
Lab Sample ID:	PB164416BL	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
BM048292.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

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	6.155		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	29.792		20-120		74	SPK: -40
4165-62-2	Phenol-d5	29.217		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.167		10-150		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.581		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	29.343		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	30.083		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.222		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.734		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.173		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.846		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	30.592		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.823		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	29.762		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK416	SDG No.:	BM102824
Lab Sample ID:	PB164416BL	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
BM048292.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.304		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	30.886		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	32.609		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.749		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	176168	7.716				
1146-65-2	Naphthalene-d8	734496	10.504				
15067-26-2	Acenaphthene-d10	448269	14.357				
1517-22-2	Phenanthrene-d10	844644	17.098				
1719-03-5	Chrysene-d12	672013	21.327				
1520-96-3	Perylene-d12	748925	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK419	SDG No.:	BM102824
Lab Sample ID:	PB164419BL	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
BM048293.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

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

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK419	SDG No.:	BM102824
Lab Sample ID:	PB164419BL	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
BM048293.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

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:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK419	SDG No.:	BM102824
Lab Sample ID:	PB164419BL	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
BM048293.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

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	6.141		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	28.953		20-120		72	SPK: -40
4165-62-2	Phenol-d5	28.049		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.645		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.544		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.669		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	29.018		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.917		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.576		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.918		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.079		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	29.407		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.536		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	29.463		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK419	SDG No.:	BM102824
Lab Sample ID:	PB164419BL	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
BM048293.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.903		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	30.829		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	30.732		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.024		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174382	7.716				
1146-65-2	Naphthalene-d8	715130	10.504				
15067-26-2	Acenaphthene-d10	437331	14.357				
1517-22-2	Phenanthrene-d10	836029	17.098				
1719-03-5	Chrysene-d12	712546	21.327				
1520-96-3	Perylene-d12	793462	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BM102824
Lab Sample ID:	P4562-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048294.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164466

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	39	U	39	19.8	200	ug/Kg
100-52-7	Benzaldehyde	230	U	230	250	990	ug/Kg
110-86-1	Pyridine	130	U	130	500	990	ug/Kg
108-95-2	Phenol	110	U	110	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	100	U	100	250	990	ug/Kg
95-57-8	2-Chlorophenol	84	U	84	130	510	ug/Kg
95-48-7	2-Methylphenol	90	U	90	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	81	U	81	250	990	ug/Kg
98-86-2	Acetophenone	110	U	110	250	990	ug/Kg
106-44-5	4-Methylphenol	96	U	96	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	130	510	ug/Kg
67-72-1	Hexachloroethane	69	U	69	130	510	ug/Kg
98-95-3	Nitrobenzene	110	U	110	130	510	ug/Kg
78-59-1	Isophorone	100	U	100	130	510	ug/Kg
88-75-5	2-Nitrophenol	96	U	96	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	84	U	84	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	130	510	ug/Kg
91-20-3	Naphthalene	100	U	100	130	510	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	130	510	ug/Kg
105-60-2	Caprolactam	360	U	360	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	130	510	ug/Kg



Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BM102824
Lab Sample ID:	P4562-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10	Units:	g
Soil Aliquot Vol:			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
BM048294.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164466

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	140	U	140	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	140	130	510	ug/Kg
88-74-4	2-Nitroaniline	66	U	66	130	510	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	63	U	63	130	510	ug/Kg
208-96-8	Acenaphthylene	130	U	130	130	510	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	250	990	ug/Kg
83-32-9	Acenaphthene	120	U	120	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	360	U	360	250	990	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	250	990	ug/Kg
132-64-9	Dibenzofuran	140	U	140	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	81	U	81	130	510	ug/Kg
84-66-2	Diethylphthalate	180	U	180	130	510	ug/Kg
86-73-7	Fluorene	140	U	140	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	130	510	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	130	U	130	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	150	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	130	510	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	130	510	ug/Kg
1912-24-9	Atrazine	120	U	120	250	990	ug/Kg
87-86-5	Pentachlorophenol	260	U	260	250	990	ug/Kg
85-01-8	Phenanthrene	130	U	130	130	510	ug/Kg
608-93-5	Pentachlorobenzene	150	U	150	130	510	ug/Kg
120-12-7	Anthracene	130	U	130	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	99	U	99	130	510	ug/Kg
86-74-8	Carbazole	140	U	140	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	130	510	ug/Kg
206-44-0	Fluoranthene	130	U	130	250	510	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BM102824
Lab Sample ID:	P4562-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048294.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164466

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	U	130	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	130	510	ug/Kg
218-01-9	Chrysene	140	U	140	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	U	130	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	U	140	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	SPK: -40

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC-BLANK	SDG No.:	BM102824
Lab Sample ID:	P4562-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048294.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164466

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	158035	7.716				
1146-65-2	Naphthalene-d8	628314	10.504				
15067-26-2	Acenaphthene-d10	410589	14.357				
1517-22-2	Phenanthrene-d10	788229	17.104				
1719-03-5	Chrysene-d12	693331	21.327				
1520-96-3	Perylene-d12	768864	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	140	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BM102824
Lab Sample ID:	P4562-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048295.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164467

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	39	U	39	19.8	200	ug/Kg
100-52-7	Benzaldehyde	230	U	230	250	990	ug/Kg
110-86-1	Pyridine	130	U	130	500	990	ug/Kg
108-95-2	Phenol	110	U	110	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	100	U	100	250	990	ug/Kg
95-57-8	2-Chlorophenol	84	U	84	130	510	ug/Kg
95-48-7	2-Methylphenol	90	U	90	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	81	U	81	250	990	ug/Kg
98-86-2	Acetophenone	110	U	110	250	990	ug/Kg
106-44-5	4-Methylphenol	96	U	96	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	130	510	ug/Kg
67-72-1	Hexachloroethane	69	U	69	130	510	ug/Kg
98-95-3	Nitrobenzene	110	U	110	130	510	ug/Kg
78-59-1	Isophorone	100	U	100	130	510	ug/Kg
88-75-5	2-Nitrophenol	96	U	96	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	84	U	84	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	120	U	120	130	510	ug/Kg
91-20-3	Naphthalene	100	U	100	130	510	ug/Kg
106-47-8	4-Chloroaniline	130	U	130	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	130	510	ug/Kg
105-60-2	Caprolactam	360	U	360	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	240	U	240	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	130	510	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BM102824
Lab Sample ID:	P4562-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048295.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164467

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	140	U	140	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	140	130	510	ug/Kg
88-74-4	2-Nitroaniline	66	U	66	130	510	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	63	U	63	130	510	ug/Kg
208-96-8	Acenaphthylene	130	U	130	130	510	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	250	990	ug/Kg
83-32-9	Acenaphthene	120	U	120	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	360	U	360	250	990	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	250	990	ug/Kg
132-64-9	Dibenzofuran	140	U	140	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	81	U	81	130	510	ug/Kg
84-66-2	Diethylphthalate	180	U	180	130	510	ug/Kg
86-73-7	Fluorene	140	U	140	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	130	510	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	130	U	130	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	U	150	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	130	510	ug/Kg
118-74-1	Hexachlorobenzene	150	U	150	130	510	ug/Kg
1912-24-9	Atrazine	120	U	120	250	990	ug/Kg
87-86-5	Pentachlorophenol	260	U	260	250	990	ug/Kg
85-01-8	Phenanthrene	130	U	130	130	510	ug/Kg
608-93-5	Pentachlorobenzene	150	U	150	130	510	ug/Kg
120-12-7	Anthracene	130	U	130	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	99	U	99	130	510	ug/Kg
86-74-8	Carbazole	140	U	140	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	130	510	ug/Kg
206-44-0	Fluoranthene	130	U	130	250	510	ug/Kg

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BM102824
Lab Sample ID:	P4562-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048295.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164467

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	U	130	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	130	510	ug/Kg
218-01-9	Chrysene	140	U	140	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	U	130	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	U	140	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	SPK: -40

Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BM102824
Lab Sample ID:	P4562-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048295.D	1	10/28/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164467

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163470	7.716				
1146-65-2	Naphthalene-d8	638876	10.504				
15067-26-2	Acenaphthene-d10	399055	14.357				
1517-22-2	Phenanthrene-d10	787307	17.104				
1719-03-5	Chrysene-d12	718070	21.327				
1520-96-3	Perylene-d12	800389	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	140	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EC1	SDG No.:	BM102824
Lab Sample ID:	P4493-09	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
BM048296.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

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:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EC1	SDG No.:	BM102824
Lab Sample ID:	P4493-09	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
BM048296.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

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:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EC1	SDG No.:	BM102824
Lab Sample ID:	P4493-09	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
BM048296.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

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	5.224		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	11.248		20-120		28	SPK: -40
4165-62-2	Phenol-d5	7.27		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.869		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.742		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	18.634		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	35.081		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.89		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.539		20-120		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.713		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.644		25-130		97	SPK: -40
93951-97-4	Acenaphthylene-d8	36.666		10-130		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.975		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	39.845		25-125		100	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EC1	SDG No.:	BM102824
Lab Sample ID:	P4493-09	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
BM048296.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.321		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	43.721		25-130		109	SPK: -40
1718-52-1	Pyrene-d10	44.83		15-130		112	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	45.934		20-130		115	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161180	7.716				
1146-65-2	Naphthalene-d8	653767	10.504				
15067-26-2	Acenaphthene-d10	417271	14.357				
1517-22-2	Phenanthrene-d10	833156	17.098				
1719-03-5	Chrysene-d12	759467	21.321				
1520-96-3	Perylene-d12	876576	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
000100-51-6	Benzyl alcohol	2.4	J			7.963	
018479-58-8	7-Octen-2-ol, 2,6-dimethyl-	2.2	J			8.504	
000150-76-5	Mequinol	3	J			8.81	
000140-11-4	Acetic acid, phenylmethyl ester	3.6	J			9.98	
000121-33-5	Vanillin	2.1	J			13.292	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	31	J			17.774	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H48	SDG No.:	BM102824
Lab Sample ID:	P4529-20	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
BM048297.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

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	2.3	J	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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H48	SDG No.:	BM102824
Lab Sample ID:	P4529-20	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
BM048297.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H48	SDG No.:	BM102824
Lab Sample ID:	P4529-20	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
BM048297.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

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	5.141		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	7.114	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	7.603		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.849		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.622		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	19.262		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	31.601		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.066		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.844		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.36		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.676		25-130		89	SPK: -40
93951-97-4	Acenaphthylene-d8	33.491		10-130		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.517		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	35.056		25-125		88	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H48	SDG No.:	BM102824
Lab Sample ID:	P4529-20	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
BM048297.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.076		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	38.612		25-130		97	SPK: -40
1718-52-1	Pyrene-d10	41.233		15-130		103	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.085		20-130		100	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	218605	7.716				
1146-65-2	Naphthalene-d8	942570	10.504				
15067-26-2	Acenaphthene-d10	598459	14.357				
1517-22-2	Phenanthrene-d10	1128442	17.098				
1719-03-5	Chrysene-d12	857945	21.327				
1520-96-3	Perylene-d12	905693	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
000090-05-1	Phenol, 2-methoxy-	3.7	J			8.81	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	5.8	J			17.768	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4F25	SDG No.:	BM102824
Lab Sample ID:	P4493-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	56
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048298.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	15	150	ug/Kg
100-52-7	Benzaldehyde	170	U	170	190	750	ug/Kg
110-86-1	Pyridine	98	U	98	380	750	ug/Kg
108-95-2	Phenol	80	U	80	190	750	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	77	U	77	190	750	ug/Kg
95-57-8	2-Chlorophenol	64	U	64	96.6	390	ug/Kg
95-48-7	2-Methylphenol	68	U	68	190	750	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61	U	61	190	750	ug/Kg
98-86-2	Acetophenone	86	U	86	190	750	ug/Kg
106-44-5	4-Methylphenol	73	U	73	190	750	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	66	U	66	96.6	390	ug/Kg
67-72-1	Hexachloroethane	52	U	52	96.6	390	ug/Kg
98-95-3	Nitrobenzene	82	U	82	96.6	390	ug/Kg
78-59-1	Isophorone	77	U	77	96.6	390	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	96.6	390	ug/Kg
105-67-9	2,4-Dimethylphenol	64	U	64	96.6	390	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	86	U	86	96.6	390	ug/Kg
120-83-2	2,4-Dichlorophenol	89	U	89	96.6	390	ug/Kg
91-20-3	Naphthalene	77	U	77	96.6	390	ug/Kg
106-47-8	4-Chloroaniline	98	U	98	96.6	750	ug/Kg
87-68-3	Hexachlorobutadiene	77	U	77	96.6	390	ug/Kg
105-60-2	Caprolactam	270	U	270	190	750	ug/Kg
59-50-7	4-Chloro-3-methylphenol	64	U	64	96.6	390	ug/Kg
90-12-0	1-Methylnaphthalene	93	U	93	96.6	390	ug/Kg
91-57-6	2-Methylnaphthalene	84	U	84	96.6	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	190	750	ug/Kg
88-06-2	2,4,6-Trichlorophenol	98	U	98	96.6	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	95	U	95	96.6	390	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4F25	SDG No.:	BM102824
Lab Sample ID:	P4493-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	56
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
BM048298.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	110	U	110	96.6	390	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	96.6	390	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	96.6	390	ug/Kg
131-11-3	Dimethylphthalate	95	U	95	96.6	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	96.6	390	ug/Kg
208-96-8	Acenaphthylene	98	U	98	96.6	390	ug/Kg
99-09-2	3-Nitroaniline	45	U	45	190	750	ug/Kg
83-32-9	Acenaphthene	93	U	93	96.6	390	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	190	750	ug/Kg
100-02-7	4-Nitrophenol	93	U	93	190	750	ug/Kg
132-64-9	Dibenzofuran	100	U	100	96.6	390	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	96.6	390	ug/Kg
84-66-2	Diethylphthalate	140	U	140	96.6	390	ug/Kg
86-73-7	Fluorene	100	U	100	96.6	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	96.6	390	ug/Kg
100-01-6	4-Nitroaniline	95	U	95	190	750	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	36	U	36	190	750	ug/Kg
86-30-6	N-Nitrosodiphenylamine	95	U	95	96.6	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	96.6	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	96.6	390	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	96.6	390	ug/Kg
1912-24-9	Atrazine	89	U	89	190	750	ug/Kg
87-86-5	Pentachlorophenol	200	U	200	190	750	ug/Kg
85-01-8	Phenanthrene	100	U	100	96.6	390	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	96.6	390	ug/Kg
120-12-7	Anthracene	98	U	98	96.6	390	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	75	U	75	96.6	390	ug/Kg
86-74-8	Carbazole	100	U	100	190	750	ug/Kg
84-74-2	Di-n-butylphthalate	95	U	95	96.6	390	ug/Kg
206-44-0	Fluoranthene	120	J	100	190	390	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4F25	SDG No.:	BM102824
Lab Sample ID:	P4493-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	56
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
BM048298.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	100	J	100	96.6	390	ug/Kg
85-68-7	Butylbenzylphthalate	73	U	73	96.6	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	190	750	ug/Kg
56-55-3	Benzo(a)anthracene	89	U	89	96.6	390	ug/Kg
218-01-9	Chrysene	100	U	100	96.6	390	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	96.6	390	ug/Kg
117-84-0	Di-n-octyl phthalate	77	U	77	190	750	ug/Kg
205-99-2	Benzo(b)fluoranthene	95	U	95	96.6	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	96.6	390	ug/Kg
50-32-8	Benzo(a)pyrene	95	U	95	96.6	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84	U	84	96.6	390	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84	U	84	96.6	390	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	96.6	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	84	U	84	96.6	390	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.995		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	17.13		20-120		43	SPK: -40
4165-62-2	Phenol-d5	18.569		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.691		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.497		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	18.425		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	18.627		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.344		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.142		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.608		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.905		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.712		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.253		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	21.886		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4F25	SDG No.:	BM102824
Lab Sample ID:	P4493-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	56
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
BM048298.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.411		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	21.699		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	22.287		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.231		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149289	7.716				
1146-65-2	Naphthalene-d8	600783	10.504				
15067-26-2	Acenaphthene-d10	360095	14.357				
1517-22-2	Phenanthrene-d10	712993	17.098				
1719-03-5	Chrysene-d12	654120	21.321				
1520-96-3	Perylene-d12	739018	24.262				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	750	J			15.715	
000057-10-3	n-Hexadecanoic acid	180	J			17.998	
E966796	Total Alkanes	110	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4F27	SDG No.:	BM102824
Lab Sample ID:	P4493-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048299.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	9.7	98	ug/Kg
100-52-7	Benzaldehyde	110	U	110	120	490	ug/Kg
110-86-1	Pyridine	63	U	63	240	490	ug/Kg
108-95-2	Phenol	87	J	52	120	490	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	120	490	ug/Kg
95-57-8	2-Chlorophenol	41	U	41	62.6	250	ug/Kg
95-48-7	2-Methylphenol	44	U	44	120	490	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	120	490	ug/Kg
98-86-2	Acetophenone	210	J	56	120	490	ug/Kg
106-44-5	4-Methylphenol	47	U	47	120	490	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	43	U	43	62.6	250	ug/Kg
67-72-1	Hexachloroethane	34	U	34	62.6	250	ug/Kg
98-95-3	Nitrobenzene	53	U	53	62.6	250	ug/Kg
78-59-1	Isophorone	50	U	50	62.6	250	ug/Kg
88-75-5	2-Nitrophenol	47	U	47	62.6	250	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	62.6	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	62.6	250	ug/Kg
120-83-2	2,4-Dichlorophenol	57	U	57	62.6	250	ug/Kg
91-20-3	Naphthalene	50	U	50	62.6	250	ug/Kg
106-47-8	4-Chloroaniline	63	U	63	62.6	490	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	62.6	250	ug/Kg
105-60-2	Caprolactam	180	U	180	120	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	62.6	250	ug/Kg
90-12-0	1-Methylnaphthalene	60	U	60	62.6	250	ug/Kg
91-57-6	2-Methylnaphthalene	54	U	54	62.6	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	120	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	62.6	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	62.6	250	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4F27	SDG No.:	BM102824
Lab Sample ID:	P4493-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048299.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	71	U	71	62.6	250	ug/Kg
91-58-7	2-Chloronaphthalene	66	U	66	62.6	250	ug/Kg
88-74-4	2-Nitroaniline	32	U	32	62.6	250	ug/Kg
131-11-3	Dimethylphthalate	62	U	62	62.6	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	62.6	250	ug/Kg
208-96-8	Acenaphthylene	63	U	63	62.6	250	ug/Kg
99-09-2	3-Nitroaniline	29	U	29	120	490	ug/Kg
83-32-9	Acenaphthene	60	U	60	62.6	250	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	120	490	ug/Kg
100-02-7	4-Nitrophenol	60	U	60	120	490	ug/Kg
132-64-9	Dibenzofuran	68	U	68	62.6	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	62.6	250	ug/Kg
84-66-2	Diethylphthalate	88	U	88	62.6	250	ug/Kg
86-73-7	Fluorene	66	U	66	62.6	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	69	U	69	62.6	250	ug/Kg
100-01-6	4-Nitroaniline	62	U	62	120	490	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	120	490	ug/Kg
86-30-6	N-Nitrosodiphenylamine	62	U	62	62.6	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	75	U	75	62.6	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	66	U	66	62.6	250	ug/Kg
118-74-1	Hexachlorobenzene	74	U	74	62.6	250	ug/Kg
1912-24-9	Atrazine	57	U	57	120	490	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	120	490	ug/Kg
85-01-8	Phenanthrene	660		65	62.6	250	ug/Kg
608-93-5	Pentachlorobenzene	75	U	75	62.6	250	ug/Kg
120-12-7	Anthracene	140	J	63	62.6	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	49	U	49	62.6	250	ug/Kg
86-74-8	Carbazole	66	U	66	120	490	ug/Kg
84-74-2	Di-n-butylphthalate	62	U	62	62.6	250	ug/Kg
206-44-0	Fluoranthene	880		65	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4F27	SDG No.:	BM102824
Lab Sample ID:	P4493-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048299.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	600		65	62.6	250	ug/Kg
85-68-7	Butylbenzylphthalate	47	U	47	62.6	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	34	U	34	120	490	ug/Kg
56-55-3	Benzo(a)anthracene	350		57	62.6	250	ug/Kg
218-01-9	Chrysene	380		66	62.6	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	8100	E	65	62.6	250	ug/Kg
117-84-0	Di-n-octyl phthalate	50	U	50	120	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	410		62	62.6	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	66	62.6	250	ug/Kg
50-32-8	Benzo(a)pyrene	190	J	62	62.6	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	54	62.6	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54	U	54	62.6	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	62.6	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54	U	54	62.6	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.46		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	1.114	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	11.603		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.13		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.935		15-120		32	SPK: -40
190780-66-6	4-Methylphenol-d8	9.626		10-140		24	SPK: -40
4165-60-0	Nitrobenzene-d5	11.726		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.378		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.646		10-140		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.734		1-145		4	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.934		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	13.562		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.759		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	14.582		20-140		36	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4F27	SDG No.:	BM102824
Lab Sample ID:	P4493-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048299.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164419

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.321		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	14.33		10-150		36	SPK: -40
1718-52-1	Pyrene-d10	13.698		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.763		10-140		27	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162953	7.716				
1146-65-2	Naphthalene-d8	659013	10.504				
15067-26-2	Acenaphthene-d10	382160	14.357				
1517-22-2	Phenanthrene-d10	733209	17.098				
1719-03-5	Chrysene-d12	663062	21.321				
1520-96-3	Perylene-d12	735027	24.262				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic6.575	360	J			6.575	
000119-61-9	Benzophenone	310	J			15.716	
000057-10-3	n-Hexadecanoic acid	160	J			17.992	
000203-64-5	4H-Cyclopenta[def]phenanthrene	160	J			18.168	
E966796	Total Alkanes	360				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EQ6	SDG No.:	BM102824
Lab Sample ID:	P4492-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048300.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21	U	21	10.4	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	130	520	ug/Kg
110-86-1	Pyridine	68	U	68	260	520	ug/Kg
108-95-2	Phenol	75	J	55	130	520	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	54	U	54	130	520	ug/Kg
95-57-8	2-Chlorophenol	44	U	44	67	270	ug/Kg
95-48-7	2-Methylphenol	47	U	47	130	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	130	520	ug/Kg
98-86-2	Acetophenone	160	J	60	130	520	ug/Kg
106-44-5	4-Methylphenol	50	U	50	130	520	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	46	U	46	67	270	ug/Kg
67-72-1	Hexachloroethane	36	U	36	67	270	ug/Kg
98-95-3	Nitrobenzene	57	U	57	67	270	ug/Kg
78-59-1	Isophorone	54	U	54	67	270	ug/Kg
88-75-5	2-Nitrophenol	50	U	50	67	270	ug/Kg
105-67-9	2,4-Dimethylphenol	44	U	44	67	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	60	U	60	67	270	ug/Kg
120-83-2	2,4-Dichlorophenol	62	U	62	67	270	ug/Kg
91-20-3	Naphthalene	54	U	54	67	270	ug/Kg
106-47-8	4-Chloroaniline	68	U	68	67	520	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	67	270	ug/Kg
105-60-2	Caprolactam	190	U	190	130	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	67	270	ug/Kg
90-12-0	1-Methylnaphthalene	65	U	65	67	270	ug/Kg
91-57-6	2-Methylnaphthalene	58	U	58	67	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	130	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	68	U	68	67	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	66	U	66	67	270	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EQ6	SDG No.:	BM102824
Lab Sample ID:	P4492-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.6
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
BM048300.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	76	U	76	67	270	ug/Kg
91-58-7	2-Chloronaphthalene	71	U	71	67	270	ug/Kg
88-74-4	2-Nitroaniline	35	U	35	67	270	ug/Kg
131-11-3	Dimethylphthalate	66	U	66	67	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	33	U	33	67	270	ug/Kg
208-96-8	Acenaphthylene	68	U	68	67	270	ug/Kg
99-09-2	3-Nitroaniline	32	U	32	130	520	ug/Kg
83-32-9	Acenaphthene	65	U	65	67	270	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	130	520	ug/Kg
100-02-7	4-Nitrophenol	65	U	65	130	520	ug/Kg
132-64-9	Dibenzofuran	73	U	73	67	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	67	270	ug/Kg
84-66-2	Diethylphthalate	95	U	95	67	270	ug/Kg
86-73-7	Fluorene	71	U	71	67	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	74	U	74	67	270	ug/Kg
100-01-6	4-Nitroaniline	66	U	66	130	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	25	U	25	130	520	ug/Kg
86-30-6	N-Nitrosodiphenylamine	66	U	66	67	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	80	U	80	67	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	71	U	71	67	270	ug/Kg
118-74-1	Hexachlorobenzene	79	U	79	67	270	ug/Kg
1912-24-9	Atrazine	62	U	62	130	520	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	130	520	ug/Kg
85-01-8	Phenanthrene	110	J	69	67	270	ug/Kg
608-93-5	Pentachlorobenzene	80	U	80	67	270	ug/Kg
120-12-7	Anthracene	68	U	68	67	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	52	U	52	67	270	ug/Kg
86-74-8	Carbazole	71	U	71	130	520	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	67	270	ug/Kg
206-44-0	Fluoranthene	190	J	69	130	270	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EQ6	SDG No.:	BM102824
Lab Sample ID:	P4492-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.6
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
BM048300.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	J	69	67	270	ug/Kg
85-68-7	Butylbenzylphthalate	50	U	50	67	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36	U	36	130	520	ug/Kg
56-55-3	Benzo(a)anthracene	76	J	62	67	270	ug/Kg
218-01-9	Chrysene	93	J	71	67	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	69	U	69	67	270	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	130	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	66	67	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	71	U	71	67	270	ug/Kg
50-32-8	Benzo(a)pyrene	66	U	66	67	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	58	U	58	67	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	67	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	U	55	67	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	67	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.427		15-120		18	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	7.52		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.337		10-150		21	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.248		15-120		21	SPK: -40
190780-66-6	4-Methylphenol-d8	4.835		10-140		12	SPK: -40
4165-60-0	Nitrobenzene-d5	7.621		10-135		19	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.004		10-120		18	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.34		10-140		18	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.464		1-145		4	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.07		10-145		23	SPK: -40
93951-97-4	Acenaphthylene-d8	8.624		15-120		22	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.583	*	10-150		9	SPK: -40
81103-79-9	Fluorene-d10	9.227		20-140		23	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EQ6	SDG No.:	BM102824
Lab Sample ID:	P4492-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.6
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
BM048300.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.299	*	10-130		8	SPK: -40
1719-06-8	Anthracene-d10	8.561		10-150		21	SPK: -40
1718-52-1	Pyrene-d10	8.528		10-130		21	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.858		10-140		17	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	180143	7.716				
1146-65-2	Naphthalene-d8	732971	10.504				
15067-26-2	Acenaphthene-d10	435547	14.357				
1517-22-2	Phenanthrene-d10	857802	17.098				
1719-03-5	Chrysene-d12	790294	21.321				
1520-96-3	Perylene-d12	871929	24.262				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	350	J			15.715	
000057-10-3	n-Hexadecanoic acid	110	J			17.998	
062016-76-6	Nonadecane, 1-chloro-	230	J			21.009	
	(DEL) Alkane: Straight-Chain22.068	350	J			22.068	
	(DEL) Alkane: Straight-Chain23.421	350	J			23.421	
067860-04-2	Oxirane, heptadecyl-	370	J			24.744	
E966796	Total Alkanes	700				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EY1	SDG No.:	BM102824
Lab Sample ID:	P4492-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048301.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	16.3	160	ug/Kg
100-52-7	Benzaldehyde	190	U	190	200	810	ug/Kg
110-86-1	Pyridine	110	U	110	410	810	ug/Kg
108-95-2	Phenol	86	U	86	200	810	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	84	U	84	200	810	ug/Kg
95-57-8	2-Chlorophenol	69	U	69	100	420	ug/Kg
95-48-7	2-Methylphenol	74	U	74	200	810	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	200	810	ug/Kg
98-86-2	Acetophenone	94	U	94	200	810	ug/Kg
106-44-5	4-Methylphenol	79	U	79	200	810	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	72	U	72	100	420	ug/Kg
67-72-1	Hexachloroethane	57	U	57	100	420	ug/Kg
98-95-3	Nitrobenzene	89	U	89	100	420	ug/Kg
78-59-1	Isophorone	84	U	84	100	420	ug/Kg
88-75-5	2-Nitrophenol	79	U	79	100	420	ug/Kg
105-67-9	2,4-Dimethylphenol	69	U	69	100	420	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	94	U	94	100	420	ug/Kg
120-83-2	2,4-Dichlorophenol	96	U	96	100	420	ug/Kg
91-20-3	Naphthalene	84	U	84	100	420	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	100	810	ug/Kg
87-68-3	Hexachlorobutadiene	84	U	84	100	420	ug/Kg
105-60-2	Caprolactam	300	U	300	200	810	ug/Kg
59-50-7	4-Chloro-3-methylphenol	69	U	69	100	420	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	100	420	ug/Kg
91-57-6	2-Methylnaphthalene	91	U	91	100	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	200	810	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	100	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	100	420	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EY1	SDG No.:	BM102824
Lab Sample ID:	P4492-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048301.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	100	420	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	100	420	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	100	420	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	100	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	100	420	ug/Kg
208-96-8	Acenaphthylene	110	U	110	100	420	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	200	810	ug/Kg
83-32-9	Acenaphthene	100	U	100	100	420	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	200	810	ug/Kg
100-02-7	4-Nitrophenol	100	U	100	200	810	ug/Kg
132-64-9	Dibenzofuran	110	U	110	100	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	67	U	67	100	420	ug/Kg
84-66-2	Diethylphthalate	150	U	150	100	420	ug/Kg
86-73-7	Fluorene	110	U	110	100	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	100	420	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	200	810	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	200	810	ug/Kg
86-30-6	N-Nitrosodiphenylamine	100	U	100	100	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	130	100	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	100	420	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	100	420	ug/Kg
1912-24-9	Atrazine	96	U	96	200	810	ug/Kg
87-86-5	Pentachlorophenol	210	U	210	200	810	ug/Kg
85-01-8	Phenanthrene	110	U	110	100	420	ug/Kg
608-93-5	Pentachlorobenzene	130	U	130	100	420	ug/Kg
120-12-7	Anthracene	110	U	110	100	420	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	81	U	81	100	420	ug/Kg
86-74-8	Carbazole	110	U	110	200	810	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	100	420	ug/Kg
206-44-0	Fluoranthene	110	U	110	200	420	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EY1	SDG No.:	BM102824
Lab Sample ID:	P4492-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048301.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	U	110	100	420	ug/Kg
85-68-7	Butylbenzylphthalate	79	U	79	100	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	200	810	ug/Kg
56-55-3	Benzo(a)anthracene	96	U	96	100	420	ug/Kg
218-01-9	Chrysene	110	U	110	100	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	100	420	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	200	810	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	100	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	100	420	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	100	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91	U	91	100	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91	U	91	100	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86	U	86	100	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91	U	91	100	420	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.76		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	15.896		20-120		40	SPK: -40
4165-62-2	Phenol-d5	17.555		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.01		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.289		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	18.544		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	18.31		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.408		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.398		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.318		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.743		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	21.014		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.722		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	22.036		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	A4EY1	SDG No.:	BM102824
Lab Sample ID:	P4492-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	59.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048301.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164416

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.757		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	22.98		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	24.054		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.568		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174460	7.716				
1146-65-2	Naphthalene-d8	724949	10.504				
15067-26-2	Acenaphthene-d10	438455	14.357				
1517-22-2	Phenanthrene-d10	844873	17.098				
1719-03-5	Chrysene-d12	729095	21.321				
1520-96-3	Perylene-d12	797810	24.262				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	1300	J			15.716	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	180	J			16.28	
000057-10-3	n-Hexadecanoic acid	230	J			17.998	
	(DEL) Alkane: Straight-Chain21.009	210	J			21.009	
E966796	Total Alkanes	210				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	E1L51	SDG No.:	BM102824
Lab Sample ID:	P4557-01	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
BM048302.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164514

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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	E1L51	SDG No.:	BM102824
Lab Sample ID:	P4557-01	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
BM048302.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164514

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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	E1L51	SDG No.:	BM102824
Lab Sample ID:	P4557-01	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
BM048302.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164514

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	4.201		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	12.708		20-120		32	SPK: -40
4165-62-2	Phenol-d5	13.213		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.428		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.669		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	23.301		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	29.897		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.32		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.05		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.311		1-146		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.893		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	32.261		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.965		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	33.202		25-125		83	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	E1L51	SDG No.:	BM102824
Lab Sample ID:	P4557-01	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
BM048302.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.913		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	36.681		25-130		92	SPK: -40
1718-52-1	Pyrene-d10	36.957		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.411		20-130		94	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	219574	7.716				
1146-65-2	Naphthalene-d8	887212	10.504				
15067-26-2	Acenaphthene-d10	535427	14.357				
1517-22-2	Phenanthrene-d10	1031954	17.098				
1719-03-5	Chrysene-d12	902299	21.321				
1520-96-3	Perylene-d12	1005788	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
163515-14-8	Dimethenamide-P	3.9	J			17.562	
051218-45-2	Metolachlor	51	J			18.28	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	E1L52	SDG No.:	BM102824
Lab Sample ID:	P4557-02	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
BM048303.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164514

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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	E1L52	SDG No.:	BM102824
Lab Sample ID:	P4557-02	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
BM048303.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164514

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:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	E1L52	SDG No.:	BM102824
Lab Sample ID:	P4557-02	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
BM048303.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164514

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	4.882		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	8.951		20-120		22	SPK: -40
4165-62-2	Phenol-d5	8.59		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.954		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.029		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	19.347		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	30.692		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.061		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.57		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.729		1-146		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.33		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	31.271		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.715		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	32.857		25-125		82	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	E1L52	SDG No.:	BM102824
Lab Sample ID:	P4557-02	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
BM048303.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.224		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	35.851		25-130		90	SPK: -40
1718-52-1	Pyrene-d10	37.048		15-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.745		20-130		94	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	195247	7.716				
1146-65-2	Naphthalene-d8	807259	10.504				
15067-26-2	Acenaphthene-d10	482487	14.357				
1517-22-2	Phenanthrene-d10	935237	17.098				
1719-03-5	Chrysene-d12	822539	21.321				
1520-96-3	Perylene-d12	927387	24.262				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-16-9	Benzothiazole	2.2	J			11.163	
001678-25-7	Benzenesulfonilide	2.8	J			18.774	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L92	SDG No.:	BM102824
Lab Sample ID:	P4558-07	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
BM048304.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164512

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:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L92	SDG No.:	BM102824
Lab Sample ID:	P4558-07	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
BM048304.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164512

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:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L92	SDG No.:	BM102824
Lab Sample ID:	P4558-07	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
BM048304.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164512

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	5.45		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	4.999	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	9.304		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.881		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.205		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	21.816		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	35.346		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.851		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.806		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.383		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.97		25-130		95	SPK: -40
93951-97-4	Acenaphthylene-d8	35.749		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.75		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	37.342		25-125		93	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L92	SDG No.:	BM102824
Lab Sample ID:	P4558-07	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
BM048304.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164512

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.616		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	43.22		25-130		108	SPK: -40
1718-52-1	Pyrene-d10	43.491		15-130		109	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.319		20-130		111	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	189003	7.716				
1146-65-2	Naphthalene-d8	766500	10.504				
15067-26-2	Acenaphthene-d10	459293	14.357				
1517-22-2	Phenanthrene-d10	865040	17.098				
1719-03-5	Chrysene-d12	735064	21.321				
1520-96-3	Perylene-d12	824261	24.262				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	13	J			4.434	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L92MS	SDG No.:	BM102824
Lab Sample ID:	P4558-08MS	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
BM048305.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164512

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.4		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	24		2.5	5	10	ug/L
110-86-1	Pyridine	4.7	J	1.4	10	10	ug/L
108-95-2	Phenol	9.1	J	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	31		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	29		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	24		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	31		1.4	5	10	ug/L
98-86-2	Acetophenone	33		1.5	5	10	ug/L
106-44-5	4-Methylphenol	21		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	33		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	21		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	33		1.4	2.5	5	ug/L
78-59-1	Isophorone	33		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	33		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	31		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	32		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	33		1.5	2.5	5	ug/L
91-20-3	Naphthalene	29		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	11		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	24		1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.7	J	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	30		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	31		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	22		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	36		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	37		1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L92MS	SDG No.:	BM102824
Lab Sample ID:	P4558-08MS	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
BM048305.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164512

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	34		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	37		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	36		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	38		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	35		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	30		0.84	5	10	ug/L
83-32-9	Acenaphthene	35		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	33		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	9	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	36		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	37		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	37		1.5	2.5	5	ug/L
86-73-7	Fluorene	36		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	36		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	39		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	37		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	38		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	33		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	38		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	37		1.6	2.5	5	ug/L
1912-24-9	Atrazine	25		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	37		3.6	5	10	ug/L
85-01-8	Phenanthrene	38		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	35		1.5	2.5	5	ug/L
120-12-7	Anthracene	38		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	35		1.2	2.5	5	ug/L
86-74-8	Carbazole	39		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	39		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	39		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L92MS	SDG No.:	BM102824
Lab Sample ID:	P4558-08MS	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
BM048305.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164512

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	39		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	41		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	23		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	38		1.4	2.5	5	ug/L
218-01-9	Chrysene	38		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	39		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	39		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	39		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	39		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	43		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	42		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	36		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.471		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	3.287	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	8.289		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.982		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.139		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	19.642		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	31.806		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.526		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.326		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.661		1-146		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.377		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	32.6		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.641		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	34.388		25-125		86	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L92MS	SDG No.:	BM102824
Lab Sample ID:	P4558-08MS	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
BM048305.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164512

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.152		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	37.559		25-130		94	SPK: -40
1718-52-1	Pyrene-d10	38.346		15-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.898		20-130		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	215666	7.716				
1146-65-2	Naphthalene-d8	904915	10.504				
15067-26-2	Acenaphthene-d10	550185	14.357				
1517-22-2	Phenanthrene-d10	1043369	17.098				
1719-03-5	Chrysene-d12	874962	21.321				
1520-96-3	Perylene-d12	948801	24.262				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SLCS417	SDG No.:	BM102824
Lab Sample ID:	PB164417BS	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
BM048306.D	1	10/24/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	6.8	J	2.5	5	10	ug/L
110-86-1	Pyridine	39		1.4	10	10	ug/L
108-95-2	Phenol	40		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	38		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	41		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	39		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39		1.4	5	10	ug/L
98-86-2	Acetophenone	39		1.5	5	10	ug/L
106-44-5	4-Methylphenol	40		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	38		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	40		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	39		1.4	2.5	5	ug/L
78-59-1	Isophorone	38		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	40		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	36		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	38		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	40		1.5	2.5	5	ug/L
91-20-3	Naphthalene	39		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	20		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	39		1.2	2.5	5	ug/L
105-60-2	Caprolactam	35		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	38		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	37		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	38		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	33		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	40		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	40		1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SLCS417	SDG No.:	BM102824
Lab Sample ID:	PB164417BS	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
BM048306.D	1	10/24/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	39		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	39		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	39		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	37		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	39		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	39		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	34		0.84	5	10	ug/L
83-32-9	Acenaphthene	38		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	31		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	36		1.5	5	10	ug/L
132-64-9	Dibenzofuran	38		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	38		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	37		1.5	2.5	5	ug/L
86-73-7	Fluorene	38		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	44		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	37		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	40		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	40		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	39		1.6	2.5	5	ug/L
1912-24-9	Atrazine	40		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	39		3.6	5	10	ug/L
85-01-8	Phenanthrene	39		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	38		1.5	2.5	5	ug/L
120-12-7	Anthracene	39		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	40		1.2	2.5	5	ug/L
86-74-8	Carbazole	40		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	39		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	39		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SLCS417	SDG No.:	BM102824
Lab Sample ID:	PB164417BS	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
BM048306.D	1	10/24/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	39		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	40		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	36		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	39		1.4	2.5	5	ug/L
218-01-9	Chrysene	39		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	39		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	40		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	39		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	40		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	43		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	38		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.738		15-120		97	SPK: -8
7291-22-7	Pyridine-d5	38.808		20-120		97	SPK: -40
4165-62-2	Phenol-d5	39.51		10-130		99	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.151		25-120		95	SPK: -40
93951-73-6	2-Chlorophenol-d4	40.989		20-130		102	SPK: -40
190780-66-6	4-Methylphenol-d8	38.549		25-125		96	SPK: -40
4165-60-0	Nitrobenzene-d5	39.261		20-125		98	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.098		20-130		100	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	40.039		20-120		100	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.325		1-146		86	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.386		25-130		93	SPK: -40
93951-97-4	Acenaphthylene-d8	38.808		10-130		97	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.996		10-150		90	SPK: -40
81103-79-9	Fluorene-d10	37.634		25-125		94	SPK: -40

Report of Analysis

Client:		Date Collected:	10/24/2024 12:00:00 AM
Project:		Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SLCS417	SDG No.:	BM102824
Lab Sample ID:	PB164417BS	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
BM048306.D	1	10/24/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.843		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	39.106		25-130		98	SPK: -40
1718-52-1	Pyrene-d10	38.667		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.93		20-130		100	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	169055	7.716				
1146-65-2	Naphthalene-d8	704343	10.504				
15067-26-2	Acenaphthene-d10	432192	14.357				
1517-22-2	Phenanthrene-d10	819874	17.098				
1719-03-5	Chrysene-d12	707439	21.321				
1520-96-3	Perylene-d12	759193	24.262				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SBLK512	SDG No.:	BM102824
Lab Sample ID:	PB164512BL	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
BM048308.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164512

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:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SBLK512	SDG No.:	BM102824
Lab Sample ID:	PB164512BL	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
BM048308.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164512

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:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SBLK512	SDG No.:	BM102824
Lab Sample ID:	PB164512BL	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
BM048308.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164512

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	5.98		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	27.607		20-120		69	SPK: -40
4165-62-2	Phenol-d5	27.765		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.057		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.13		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	27.528		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	28.424		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.365		20-130		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.988		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.656		1-146		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.864		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.624		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.723		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	28.01		25-125		70	SPK: -40

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SBLK512	SDG No.:	BM102824
Lab Sample ID:	PB164512BL	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
BM048308.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164512

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.415		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	29.755		25-130		74	SPK: -40
1718-52-1	Pyrene-d10	30.953		15-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.175		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220995	7.716				
1146-65-2	Naphthalene-d8	924115	10.504				
15067-26-2	Acenaphthene-d10	553450	14.357				
1517-22-2	Phenanthrene-d10	1043136	17.098				
1719-03-5	Chrysene-d12	843076	21.321				
1520-96-3	Perylene-d12	941584	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SBLK514	SDG No.:	BM102824
Lab Sample ID:	PB164514BL	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
BM048309.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164514

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:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SBLK514	SDG No.:	BM102824
Lab Sample ID:	PB164514BL	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
BM048309.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164514

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:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SBLK514	SDG No.:	BM102824
Lab Sample ID:	PB164514BL	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
BM048309.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164514

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	6.053		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	29.269		20-120		73	SPK: -40
4165-62-2	Phenol-d5	28.665		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.189		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.053		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	27.915		25-125		70	SPK: -40
4165-60-0	Nitrobenzene-d5	30.154		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.809		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.304		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.133		1-146		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.238		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	29.903		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.43		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	29.212		25-125		73	SPK: -40

Report of Analysis

Client:		Date Collected:	10/29/2024 12:00:00 AM
Project:		Date Received:	10/29/2024 12:00:00 AM
Client Sample ID:	SBLK514	SDG No.:	BM102824
Lab Sample ID:	PB164514BL	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
BM048309.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164514

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.469		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	31.051		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	31.791		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.248		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	209292	7.716				
1146-65-2	Naphthalene-d8	848161	10.504				
15067-26-2	Acenaphthene-d10	510161	14.357				
1517-22-2	Phenanthrene-d10	969108	17.098				
1719-03-5	Chrysene-d12	811425	21.321				
1520-96-3	Perylene-d12	899797	24.262				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L92MSD	SDG No.:	BM102824
Lab Sample ID:	P4558-09MSD	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
BM048310.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164512

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.1		0.49	0.51	2	ug/L
100-52-7	Benzaldehyde	24		2.5	5.1	10	ug/L
110-86-1	Pyridine	4.4	J	1.4	10.1	10	ug/L
108-95-2	Phenol	8.9	J	1.4	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	31		1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	29		1.3	2.5	5.1	ug/L
95-48-7	2-Methylphenol	23		1.4	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	31		1.4	5.1	10	ug/L
98-86-2	Acetophenone	32		1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	20		1.4	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	32		1.6	2.5	5.1	ug/L
67-72-1	Hexachloroethane	21		1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	32		1.4	2.5	5.1	ug/L
78-59-1	Isophorone	32		1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	33		1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	30		0.99	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	32		1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	32		1.5	2.5	5.1	ug/L
91-20-3	Naphthalene	28		1.3	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	11		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	23		1.2	2.5	5.1	ug/L
105-60-2	Caprolactam	4.5	J	4.5	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	31		1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	30		1.3	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	30		1.4	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	22		3.3	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	36		1.5	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	37		1.5	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L92MSD	SDG No.:	BM102824
Lab Sample ID:	P4558-09MSD	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
BM048310.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164512

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34		1.7	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	34		1.6	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	37		1.2	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	36		1.5	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	37		1.1	2.5	5.1	ug/L
208-96-8	Acenaphthylene	34		1.5	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	30		0.85	5.1	10	ug/L
83-32-9	Acenaphthene	35		1.5	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	33		6	5.1	10	ug/L
100-02-7	4-Nitrophenol	8.8	J	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	35		1.5	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	37		1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	36		1.5	2.5	5.1	ug/L
86-73-7	Fluorene	35		1.5	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	35		1.6	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	40		1.3	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	37		0.95	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	38		1.6	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	33		1.8	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	38		1.5	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	37		1.6	2.5	5.1	ug/L
1912-24-9	Atrazine	24		1.6	5.1	10	ug/L
87-86-5	Pentachlorophenol	37		3.6	5.1	10	ug/L
85-01-8	Phenanthrene	38		1.6	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	35		1.5	2.5	5.1	ug/L
120-12-7	Anthracene	38		1.4	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	35		1.2	2.5	5.1	ug/L
86-74-8	Carbazole	39		1.6	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	39		1.7	2.5	5.1	ug/L
206-44-0	Fluoranthene	38		1.7	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L92MSD	SDG No.:	BM102824
Lab Sample ID:	P4558-09MSD	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
BM048310.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164512

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	38		1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	41		1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	23		1.1	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	38		1.4	2.5	5.1	ug/L
218-01-9	Chrysene	38		1.5	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41		1.8	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	39		1.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	39		1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	39		1.7	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	39		1.5	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42		1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	43		1.4	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	43		1.4	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	36		1.4	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.261		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	3.135	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	8.001		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.237		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.268		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	18.924		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	31.169		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.79		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.554		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.853		1-146		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.822		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	31.98		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.59		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	33.879		25-125		85	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	E1L92MSD	SDG No.:	BM102824
Lab Sample ID:	P4558-09MSD	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
BM048310.D	1	10/29/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164512

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.966		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	37.556		25-130		94	SPK: -40
1718-52-1	Pyrene-d10	37.088		15-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.274		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	229908	7.716				
1146-65-2	Naphthalene-d8	949758	10.504				
15067-26-2	Acenaphthene-d10	571945	14.357				
1517-22-2	Phenanthrene-d10	1083396	17.098				
1719-03-5	Chrysene-d12	939437	21.321				
1520-96-3	Perylene-d12	1022898	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L62	SDG No.:	BM102824
Lab Sample ID:	P4534-01	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
BM048311.D	1	10/24/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164417

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L62	SDG No.:	BM102824
Lab Sample ID:	P4534-01	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
BM048311.D	1	10/24/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164417

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:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L62	SDG No.:	BM102824
Lab Sample ID:	P4534-01	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
BM048311.D	1	10/24/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164417

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	5.164		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	3.76	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	8.864		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.508		25-120		96	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.304		20-130		83	SPK: -40
190780-66-6	4-Methylphenol-d8	22.269		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	38.799		20-125		97	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.528		20-130		99	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.116		20-120		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.581		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.166		25-130		103	SPK: -40
93951-97-4	Acenaphthylene-d8	39.933		10-130		100	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.121		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	40.788		25-125		102	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L62	SDG No.:	BM102824
Lab Sample ID:	P4534-01	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
BM048311.D	1	10/24/2024 12:00:00 AM	10/30/2024 12:00:00 AM	PB164417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.306		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	45.007		25-130		113	SPK: -40
1718-52-1	Pyrene-d10	47.159		15-130		118	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	47.578		20-130		119	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	187768	7.716				
1146-65-2	Naphthalene-d8	778785	10.504				
15067-26-2	Acenaphthene-d10	472069	14.357				
1517-22-2	Phenanthrene-d10	884562	17.098				
1719-03-5	Chrysene-d12	727448	21.321				
1520-96-3	Perylene-d12	812391	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BM102824

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : XA108							
P4476-09	XA108	Water	2,6,6-Trimethyl-2-cyclohexene-1, *	2.100	J		
P4476-09	XA108	Water	9,10-Anthracenedione *	5.000	J		
P4476-09	XA108	Water	Benzene, 1,2,4-trichloro- *	36.000	J		
P4476-09	XA108	Water	Benzene, 1,2-dichloro- *	190.000	J		
P4476-09	XA108	Water	Benzene, 1,4-dichloro- *	72.000	J		
P4476-09	XA108	Water	Total Alkanes *	0.000	1.7	5	ug/L
		Total Tics :		305.10			
P4476-09	XA108	Water	2,2-oxybis(1-Chloropropane)	86.000	1.4	10	ug/L
P4476-09	XA108	Water	2,4-Dinitrotoluene	180.000	E 1.1	5	ug/L
P4476-09	XA108	Water	2-Chloronaphthalene	140.000	E 1.6	5	ug/L
P4476-09	XA108	Water	2-Methylnaphthalene	70.000	1.4	5	ug/L
P4476-09	XA108	Water	4-Chlorophenyl-phenylether	56.000	1.6	5	ug/L
P4476-09	XA108	Water	Acenaphthene	18.000	1.5	5	ug/L
P4476-09	XA108	Water	Acenaphthylene	56.000	1.5	5	ug/L
P4476-09	XA108	Water	Anthracene	65.000	1.4	5	ug/L
P4476-09	XA108	Water	Benzo(a)anthracene	32.000	1.4	5	ug/L
P4476-09	XA108	Water	Benzo(a)pyrene	41.000	1.5	5	ug/L
P4476-09	XA108	Water	Benzo(b)fluoranthene	68.000	1.6	5	ug/L
P4476-09	XA108	Water	Benzo(g,h,i)perylene	72.000	1.4	5	ug/L
P4476-09	XA108	Water	Benzo(k)fluoranthene	62.000	1.7	5	ug/L
P4476-09	XA108	Water	Bis(2-Chloroethoxy)methane	35.000	1.5	5	ug/L
P4476-09	XA108	Water	Bis(2-Chloroethyl)ether	42.000	1.4	10	ug/L
P4476-09	XA108	Water	Bis(2-ethylhexyl)phthalate	59.000	1.8	5	ug/L
P4476-09	XA108	Water	Butylbenzylphthalate	67.000	1.5	5	ug/L
P4476-09	XA108	Water	Di-n-butylphthalate	200.000	E 1.7	5	ug/L
P4476-09	XA108	Water	Dibenzo(a,h)anthracene	40.000	1.4	5	ug/L
P4476-09	XA108	Water	Dibenzofuran	90.000	E 1.5	5	ug/L
P4476-09	XA108	Water	Diethylphthalate	170.000	E 1.5	5	ug/L
P4476-09	XA108	Water	Fluoranthene	70.000	1.7	5	ug/L
P4476-09	XA108	Water	Fluorene	13.000	1.5	5	ug/L
P4476-09	XA108	Water	Hexachlorobenzene	39.000	1.6	5	ug/L
P4476-09	XA108	Water	Hexachlorobutadiene	96.000	E 1.2	5	ug/L
P4476-09	XA108	Water	Hexachlorocyclopentadiene	89.000	3.3	10	ug/L
P4476-09	XA108	Water	Hexachloroethane	110.000	E 1.1	5	ug/L
P4476-09	XA108	Water	Indeno(1,2,3-cd)pyrene	47.000	1.4	5	ug/L
P4476-09	XA108	Water	Isophorone	150.000	E 1.4	5	ug/L
P4476-09	XA108	Water	N-Nitroso-di-n-propylamine	120.000	E 1.6	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BM102824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4476-09	XA108	Water	Naphthalene	20.000		1.3	5	ug/L
P4476-09	XA108	Water	Nitrobenzene	72.000		1.4	5	ug/L
P4476-09	XA108	Water	Phenanthrene	50.000		1.6	5	ug/L
Total Svoc :				2,525.00				
Total Concentration:				2,830.10				
Client ID : XA108DL								
P4476-09DL	XA108DL	Water	Benzene, 1,2,4-trichloro-	*	36.000	JD		
P4476-09DL	XA108DL	Water	Benzene, 1,3-dichloro-	*	54.000	JD		
P4476-09DL	XA108DL	Water	Benzene, 1,4-dichloro-	*	140.000	JD		
P4476-09DL	XA108DL	Water	Total Alkanes	*	0.000	D 8.5	25	ug/L
Total Tics :				230.00				
P4476-09DL	XA108DL	Water	2,2-oxybis(1-Chloropropane)		86.000	D 7	50	ug/L
P4476-09DL	XA108DL	Water	2,4-Dinitrotoluene		170.000	D 5.5	25	ug/L
P4476-09DL	XA108DL	Water	2-Chloronaphthalene		130.000	D 8	25	ug/L
P4476-09DL	XA108DL	Water	2-Methylnaphthalene		70.000	D 7	25	ug/L
P4476-09DL	XA108DL	Water	4-Chlorophenyl-phenylether		55.000	D 8	25	ug/L
P4476-09DL	XA108DL	Water	Acenaphthene		18.000	JD 7.5	25	ug/L
P4476-09DL	XA108DL	Water	Acenaphthylene		53.000	D 7.5	25	ug/L
P4476-09DL	XA108DL	Water	Anthracene		62.000	D 7	25	ug/L
P4476-09DL	XA108DL	Water	Benzo(a)anthracene		30.000	D 7	25	ug/L
P4476-09DL	XA108DL	Water	Benzo(a)pyrene		37.000	D 7.5	25	ug/L
P4476-09DL	XA108DL	Water	Benzo(b)fluoranthene		63.000	D 8	25	ug/L
P4476-09DL	XA108DL	Water	Benzo(g,h,i)perylene		63.000	D 7	25	ug/L
P4476-09DL	XA108DL	Water	Benzo(k)fluoranthene		59.000	D 8.5	25	ug/L
P4476-09DL	XA108DL	Water	Bis(2-Chloroethoxy)methane		32.000	D 7.5	25	ug/L
P4476-09DL	XA108DL	Water	Bis(2-Chloroethyl)ether		41.000	JD 7	50	ug/L
P4476-09DL	XA108DL	Water	Bis(2-ethylhexyl)phthalate		48.000	D 9	25	ug/L
P4476-09DL	XA108DL	Water	Butylbenzylphthalate		58.000	D 7.5	25	ug/L
P4476-09DL	XA108DL	Water	Di-n-butylphthalate		200.000	D 8.5	25	ug/L
P4476-09DL	XA108DL	Water	Dibenzo(a,h)anthracene		34.000	D 7	25	ug/L
P4476-09DL	XA108DL	Water	Dibenzofuran		91.000	D 7.5	25	ug/L
P4476-09DL	XA108DL	Water	Diethylphthalate		180.000	D 7.5	25	ug/L
P4476-09DL	XA108DL	Water	Fluoranthene		73.000	D 8.5	25	ug/L
P4476-09DL	XA108DL	Water	Fluorene		13.000	JD 7.5	25	ug/L
P4476-09DL	XA108DL	Water	Hexachlorobenzene		39.000	D 8	25	ug/L
P4476-09DL	XA108DL	Water	Hexachlorobutadiene		93.000	D 6	25	ug/L
P4476-09DL	XA108DL	Water	Hexachlorocyclopentadiene		74.000	D 16.5	50	ug/L
P4476-09DL	XA108DL	Water	Hexachloroethane		100.000	D 5.5	25	ug/L
P4476-09DL	XA108DL	Water	Indeno(1,2,3-cd)pyrene		40.000	D 7	25	ug/L
P4476-09DL	XA108DL	Water	Isophorone		140.000	D 7	25	ug/L

Hit Summary Sheet
SW-846

SDG No.: BM102824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4476-09DL	XA108DL	Water	N-Nitroso-di-n-propylamine	120.000	D	8	25	ug/L
P4476-09DL	XA108DL	Water	Naphthalene	20.000	JD	6.5	25	ug/L
P4476-09DL	XA108DL	Water	Nitrobenzene	66.000	D	7	25	ug/L
P4476-09DL	XA108DL	Water	Phenanthrene	50.000	D	8	25	ug/L
Total Svoc :				2,408.00				
Total Concentration:				2,638.00				
Client ID : A4E61								
P4492-02	A4E61	Solid	1,1-Biphenyl, 2-methyl-	*	95.000	J		
P4492-02	A4E61	Solid	2,6,6-Trimethyl-2-cyclohexene-1,	*	180.000	J		
P4492-02	A4E61	Solid	9,10-Anthracenedione	*	150.000	J		
P4492-02	A4E61	Solid	Benzene, 1,2-dichloro-	*	620.000	J		
P4492-02	A4E61	Solid	Benzophenone	*	280.000	J		
P4492-02	A4E61	Solid	Hexadecanoic acid, methyl ester	*	79.000	J		
P4492-02	A4E61	Solid	n-Hexadecanoic acid	*	180.000	J		
P4492-02	A4E61	Solid	Total Alkanes	*	0.000	48	170	ug/Kg
Total Tics :				1,584.00				
P4492-02	A4E61	Solid	2,4,5-Trichlorophenol		1,500.000	42	170	ug/Kg
P4492-02	A4E61	Solid	2,4,6-Trichlorophenol		6,400.000	E 43	170	ug/Kg
P4492-02	A4E61	Solid	2,4-Dichlorophenol		4,000.000	E 39	170	ug/Kg
P4492-02	A4E61	Solid	2,4-Dinitrotoluene		5,700.000	E 27	170	ug/Kg
P4492-02	A4E61	Solid	2,6-Dinitrotoluene		8,700.000	E 21	170	ug/Kg
P4492-02	A4E61	Solid	2-Chlorophenol		3,500.000	E 28	170	ug/Kg
P4492-02	A4E61	Solid	2-Methylnaphthalene		2,100.000	37	170	ug/Kg
P4492-02	A4E61	Solid	2-Nitrophenol		1,900.000	32	170	ug/Kg
P4492-02	A4E61	Solid	4-Bromophenyl-phenylether		1,600.000	45	170	ug/Kg
P4492-02	A4E61	Solid	4-Chloro-3-methylphenol		1,500.000	28	170	ug/Kg
P4492-02	A4E61	Solid	4-Chlorophenyl-phenylether		1,800.000	47	170	ug/Kg
P4492-02	A4E61	Solid	4-Nitrophenol		3,100.000	41	330	ug/Kg
P4492-02	A4E61	Solid	Acenaphthene		4,100.000	E 41	170	ug/Kg
P4492-02	A4E61	Solid	Acenaphthylene		770.000	43	170	ug/Kg
P4492-02	A4E61	Solid	Anthracene		1,600.000	43	170	ug/Kg
P4492-02	A4E61	Solid	Benzo(a)anthracene		4,600.000	E 39	170	ug/Kg
P4492-02	A4E61	Solid	Benzo(a)pyrene		1,500.000	42	170	ug/Kg
P4492-02	A4E61	Solid	Benzo(b)fluoranthene		6,000.000	E 42	170	ug/Kg
P4492-02	A4E61	Solid	Benzo(g,h,i)perylene		1,200.000	35	170	ug/Kg
P4492-02	A4E61	Solid	Bis(2-Chloroethoxy)methane		7,300.000	E 38	170	ug/Kg
P4492-02	A4E61	Solid	Bis(2-Chloroethyl)ether		7,600.000	E 34	330	ug/Kg
P4492-02	A4E61	Solid	Bis(2-ethylhexyl)phthalate		6,900.000	E 44	170	ug/Kg
P4492-02	A4E61	Solid	Butylbenzylphthalate		1,800.000	32	170	ug/Kg
P4492-02	A4E61	Solid	Chrysene		6,400.000	E 45	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM102824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4492-02	A4E61	Solid	Di-n-butylphthalate	5,700.000	E	42	170	ug/Kg
P4492-02	A4E61	Solid	Dibenzo(a,h)anthracene	3,300.000	E	37	170	ug/Kg
P4492-02	A4E61	Solid	Fluoranthene	5,900.000	E	44	170	ug/Kg
P4492-02	A4E61	Solid	Fluorene	5,600.000	E	45	170	ug/Kg
P4492-02	A4E61	Solid	Hexachlorobenzene	7,500.000	E	50	170	ug/Kg
P4492-02	A4E61	Solid	Hexachlorobutadiene	5,300.000	E	34	170	ug/Kg
P4492-02	A4E61	Solid	Hexachloroethane	5,200.000	E	23	170	ug/Kg
P4492-02	A4E61	Solid	Indeno(1,2,3-cd)pyrene	1,300.000		37	170	ug/Kg
P4492-02	A4E61	Solid	Isophorone	6,200.000	E	34	170	ug/Kg
P4492-02	A4E61	Solid	N-Nitroso-di-n-propylamine	7,100.000	E	29	170	ug/Kg
P4492-02	A4E61	Solid	Nitrobenzene	1,600.000		36	170	ug/Kg
P4492-02	A4E61	Solid	Pentachlorophenol	7,400.000	E	86	330	ug/Kg
P4492-02	A4E61	Solid	Phenanthrene	1,700.000		44	170	ug/Kg
P4492-02	A4E61	Solid	Phenol	1,300.000		35	330	ug/Kg
P4492-02	A4E61	Solid	Pyrene	2,600.000		44	170	ug/Kg

Total Svoc :

159,270.00

Total Concentration:

160,854.00

Client ID : A4E61DL

P4492-02DL	A4E61DL	Solid	Benzene, 1,2-dichloro-	*	8,300.000	JD		
P4492-02DL	A4E61DL	Solid	Toluene	*	480.000	JD		
P4492-02DL	A4E61DL	Solid	Total Alkanes	*	0.000	D 240	840	ug/Kg

Total Tics :

8,780.00

P4492-02DL	A4E61DL	Solid	2,4,5-Trichlorophenol		1,400.000	D 210	840	ug/Kg
P4492-02DL	A4E61DL	Solid	2,4,6-Trichlorophenol		6,300.000	D 210	840	ug/Kg
P4492-02DL	A4E61DL	Solid	2,4-Dichlorophenol		3,900.000	D 190	840	ug/Kg
P4492-02DL	A4E61DL	Solid	2,4-Dinitrotoluene		5,400.000	D 130	840	ug/Kg
P4492-02DL	A4E61DL	Solid	2,6-Dinitrotoluene		8,400.000	D 100	840	ug/Kg
P4492-02DL	A4E61DL	Solid	2-Chlorophenol		3,400.000	D 140	840	ug/Kg
P4492-02DL	A4E61DL	Solid	2-Methylnaphthalene		2,000.000	D 180	840	ug/Kg
P4492-02DL	A4E61DL	Solid	2-Nitrophenol		1,600.000	D 160	840	ug/Kg
P4492-02DL	A4E61DL	Solid	4-Bromophenyl-phenylether		1,500.000	D 220	840	ug/Kg
P4492-02DL	A4E61DL	Solid	4-Chloro-3-methylphenol		1,400.000	D 140	840	ug/Kg
P4492-02DL	A4E61DL	Solid	4-Chlorophenyl-phenylether		2,100.000	D 230	840	ug/Kg
P4492-02DL	A4E61DL	Solid	4-Nitrophenol		2,500.000	D 200	1600	ug/Kg
P4492-02DL	A4E61DL	Solid	Acenaphthene		4,400.000	D 200	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Acenaphthylene		730.000	JD 210	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Anthracene		1,600.000	D 210	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Benzo(a)anthracene		4,600.000	D 190	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Benzo(a)pyrene		1,400.000	D 210	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Benzo(b)fluoranthene		6,400.000	D 210	840	ug/Kg

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SDG No.: BM102824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4492-02DL	A4E61DL	Solid	Benzo(g,h,i)perylene	1,100.000	D	170	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Bis(2-Chloroethoxy)methane	7,200.000	D	190	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Bis(2-Chloroethyl)ether	7,700.000	D	170	1600	ug/Kg
P4492-02DL	A4E61DL	Solid	Bis(2-ethylhexyl)phthalate	6,700.000	D	220	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Butylbenzylphthalate	1,400.000	D	160	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Chrysene	7,100.000	D	220	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Di-n-butylphthalate	6,100.000	D	210	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Dibenzo(a,h)anthracene	3,100.000	D	180	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Fluoranthene	5,700.000	D	220	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Fluorene	6,600.000	D	220	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Hexachlorobenzene	8,300.000	D	250	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Hexachlorobutadiene	5,500.000	D	170	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Hexachloroethane	5,300.000	D	110	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Indeno(1,2,3-cd)pyrene	1,200.000	D	180	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Isophorone	6,300.000	D	170	840	ug/Kg
P4492-02DL	A4E61DL	Solid	N-Nitroso-di-n-propylamine	7,400.000	D	140	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Nitrobenzene	1,400.000	D	180	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Pentachlorophenol	7,300.000	D	430	1600	ug/Kg
P4492-02DL	A4E61DL	Solid	Phenanthrene	1,700.000	D	220	840	ug/Kg
P4492-02DL	A4E61DL	Solid	Phenol	1,300.000	JD	170	1600	ug/Kg
P4492-02DL	A4E61DL	Solid	Pyrene	2,400.000	D	220	840	ug/Kg

Total Svoc : 159,830.00

Total Concentration: 168,610.00

Client ID : A4EQ6

P4492-11	A4EQ6	Solid	(DEL) Alkane: Straight-Chain22.(*	350.000	J			
P4492-11	A4EQ6	Solid	(DEL) Alkane: Straight-Chain23.(*	350.000	J			
P4492-11	A4EQ6	Solid	Benzophenone *	350.000	J			
P4492-11	A4EQ6	Solid	n-Hexadecanoic acid *	110.000	J			
P4492-11	A4EQ6	Solid	Nonadecane, 1-chloro- *	230.000	J			
P4492-11	A4EQ6	Solid	Oxirane, heptadecyl- *	370.000	J			
P4492-11	A4EQ6	Solid	Total Alkanes *	700.000		76	270	ug/Kg

Total Tics : 2,460.00

P4492-11	A4EQ6	Solid	Acetophenone	160.000	J	60	520	ug/Kg
P4492-11	A4EQ6	Solid	Benzo(a)anthracene	76.000	J	62	270	ug/Kg
P4492-11	A4EQ6	Solid	Benzo(b)fluoranthene	120.000	J	66	270	ug/Kg
P4492-11	A4EQ6	Solid	Chrysene	93.000	J	71	270	ug/Kg
P4492-11	A4EQ6	Solid	Fluoranthene	190.000	J	69	270	ug/Kg
P4492-11	A4EQ6	Solid	Phenanthrene	110.000	J	69	270	ug/Kg
P4492-11	A4EQ6	Solid	Phenol	75.000	J	55	520	ug/Kg
P4492-11	A4EQ6	Solid	Pyrene	130.000	J	69	270	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM102824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	954.00				
			Total Concentration:	3,414.00				
Client ID : A4EY1								
P4492-15	A4EY1	Solid	(DEL) Alkane: Straight-Chain21.(*	210.000	J			
P4492-15	A4EY1	Solid	Benzophenone *	1,300.000	J			
P4492-15	A4EY1	Solid	Methanone, (1-hydroxycyclohexy *	180.000	J			
P4492-15	A4EY1	Solid	n-Hexadecanoic acid *	230.000	J			
P4492-15	A4EY1	Solid	Total Alkanes *	210.000		120	420	ug/Kg
			Total Tics :	2,130.00				
			Total Concentration:	2,130.00				
Client ID : A4EA1								
P4493-08	A4EA1	Solid	1,1-Biphenyl, 2-methyl- *	70.000	J			
P4493-08	A4EA1	Solid	2,6,6-Trimethyl-2-cyclohexene-1, *	140.000	J			
P4493-08	A4EA1	Solid	9,10-Anthracenedione *	110.000	J			
P4493-08	A4EA1	Solid	Benzene, 1,2-dichloro- *	600.000	J			
P4493-08	A4EA1	Solid	Benzophenone *	200.000	J			
P4493-08	A4EA1	Solid	n-Hexadecanoic acid *	130.000	J			
P4493-08	A4EA1	Solid	Total Alkanes *	0.000		48	170	ug/Kg
			Total Tics :	1,250.00				
P4493-08	A4EA1	Solid	2,4,5-Trichlorophenol	1,200.000		42	170	ug/Kg
P4493-08	A4EA1	Solid	2,4,6-Trichlorophenol	5,000.000	E	43	170	ug/Kg
P4493-08	A4EA1	Solid	2,4-Dichlorophenol	3,200.000	E	39	170	ug/Kg
P4493-08	A4EA1	Solid	2,4-Dinitrotoluene	4,300.000	E	27	170	ug/Kg
P4493-08	A4EA1	Solid	2,6-Dinitrotoluene	6,600.000	E	21	170	ug/Kg
P4493-08	A4EA1	Solid	2-Chlorophenol	2,800.000	E	28	170	ug/Kg
P4493-08	A4EA1	Solid	2-Methylnaphthalene	1,600.000		37	170	ug/Kg
P4493-08	A4EA1	Solid	2-Nitrophenol	1,500.000		32	170	ug/Kg
P4493-08	A4EA1	Solid	4-Bromophenyl-phenylether	1,200.000		45	170	ug/Kg
P4493-08	A4EA1	Solid	4-Chloro-3-methylphenol	1,100.000		28	170	ug/Kg
P4493-08	A4EA1	Solid	4-Chlorophenyl-phenylether	1,400.000		47	170	ug/Kg
P4493-08	A4EA1	Solid	4-Nitrophenol	2,300.000		41	330	ug/Kg
P4493-08	A4EA1	Solid	Acenaphthene	3,200.000	E	41	170	ug/Kg
P4493-08	A4EA1	Solid	Acenaphthylene	610.000		43	170	ug/Kg
P4493-08	A4EA1	Solid	Anthracene	1,200.000		43	170	ug/Kg
P4493-08	A4EA1	Solid	Benzo(a)anthracene	3,300.000	E	39	170	ug/Kg
P4493-08	A4EA1	Solid	Benzo(a)pyrene	1,100.000		42	170	ug/Kg
P4493-08	A4EA1	Solid	Benzo(b)fluoranthene	4,300.000	E	42	170	ug/Kg
P4493-08	A4EA1	Solid	Benzo(g,h,i)perylene	850.000		35	170	ug/Kg
P4493-08	A4EA1	Solid	Bis(2-Chloroethoxy)methane	5,700.000	E	38	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM102824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4493-08	A4EA1	Solid	Bis(2-Chloroethyl)ether	6,100.000	E	34	330	ug/Kg
P4493-08	A4EA1	Solid	Bis(2-ethylhexyl)phthalate	5,000.000	E	44	170	ug/Kg
P4493-08	A4EA1	Solid	Butylbenzylphthalate	1,200.000		32	170	ug/Kg
P4493-08	A4EA1	Solid	Chrysene	4,700.000	E	45	170	ug/Kg
P4493-08	A4EA1	Solid	Di-n-butylphthalate	4,300.000	E	42	170	ug/Kg
P4493-08	A4EA1	Solid	Dibenzo(a,h)anthracene	2,400.000		37	170	ug/Kg
P4493-08	A4EA1	Solid	Fluoranthene	4,100.000	E	44	170	ug/Kg
P4493-08	A4EA1	Solid	Fluorene	4,400.000	E	45	170	ug/Kg
P4493-08	A4EA1	Solid	Hexachlorobenzene	5,500.000	E	50	170	ug/Kg
P4493-08	A4EA1	Solid	Hexachlorobutadiene	4,200.000	E	34	170	ug/Kg
P4493-08	A4EA1	Solid	Hexachloroethane	4,200.000	E	23	170	ug/Kg
P4493-08	A4EA1	Solid	Indeno(1,2,3-cd)pyrene	930.000		37	170	ug/Kg
P4493-08	A4EA1	Solid	Isophorone	4,900.000	E	34	170	ug/Kg
P4493-08	A4EA1	Solid	N-Nitroso-di-n-propylamine	5,900.000	E	29	170	ug/Kg
P4493-08	A4EA1	Solid	Nitrobenzene	1,200.000		36	170	ug/Kg
P4493-08	A4EA1	Solid	Pentachlorophenol	5,300.000	E	86	330	ug/Kg
P4493-08	A4EA1	Solid	Phenanthrene	1,200.000		44	170	ug/Kg
P4493-08	A4EA1	Solid	Phenol	1,100.000		35	330	ug/Kg
P4493-08	A4EA1	Solid	Pyrene	1,800.000		44	170	ug/Kg

Total Svoc : 120,890.00

Total Concentration: 122,140.00

Client ID : A4EA1DL

P4493-08DL	A4EA1DL	Solid	Benzene, 1,4-dichloro-	*	6,900.000	JD		
P4493-08DL	A4EA1DL	Solid	Total Alkanes	*	0.000	D	240	ug/Kg
Total Tics :					6,900.00			
P4493-08DL	A4EA1DL	Solid	2,4,5-Trichlorophenol		1,100.000	D	210	ug/Kg
P4493-08DL	A4EA1DL	Solid	2,4,6-Trichlorophenol		5,000.000	D	210	ug/Kg
P4493-08DL	A4EA1DL	Solid	2,4-Dichlorophenol		3,000.000	D	190	ug/Kg
P4493-08DL	A4EA1DL	Solid	2,4-Dinitrotoluene		4,000.000	D	130	ug/Kg
P4493-08DL	A4EA1DL	Solid	2,6-Dinitrotoluene		6,400.000	D	100	ug/Kg
P4493-08DL	A4EA1DL	Solid	2-Chlorophenol		2,800.000	D	140	ug/Kg
P4493-08DL	A4EA1DL	Solid	2-Methylnaphthalene		1,600.000	D	180	ug/Kg
P4493-08DL	A4EA1DL	Solid	2-Nitrophenol		1,300.000	D	160	ug/Kg
P4493-08DL	A4EA1DL	Solid	4-Bromophenyl-phenylether		1,100.000	D	220	ug/Kg
P4493-08DL	A4EA1DL	Solid	4-Chloro-3-methylphenol		1,000.000	D	140	ug/Kg
P4493-08DL	A4EA1DL	Solid	4-Chlorophenyl-phenylether		1,600.000	D	230	ug/Kg
P4493-08DL	A4EA1DL	Solid	4-Nitrophenol		1,600.000	D	200	ug/Kg
P4493-08DL	A4EA1DL	Solid	Acenaphthene		3,400.000	D	200	ug/Kg
P4493-08DL	A4EA1DL	Solid	Acenaphthylene		590.000	JD	210	ug/Kg
P4493-08DL	A4EA1DL	Solid	Anthracene		1,200.000	D	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM102824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4493-08DL	A4EA1DL	Solid	Benzo(a)anthracene	3,400.000	D	190	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Benzo(a)pyrene	1,000.000	D	210	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Benzo(b)fluoranthene	4,700.000	D	210	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Benzo(g,h,i)perylene	780.000	JD	170	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Bis(2-Chloroethoxy)methane	5,800.000	D	190	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Bis(2-Chloroethyl)ether	6,300.000	D	170	1600	ug/Kg
P4493-08DL	A4EA1DL	Solid	Bis(2-ethylhexyl)phthalate	5,000.000	D	220	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Butylbenzylphthalate	1,000.000	D	160	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Chrysene	5,400.000	D	220	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Di-n-butylphthalate	4,400.000	D	210	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Dibenzo(a,h)anthracene	2,300.000	D	180	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Fluoranthene	4,300.000	D	220	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Fluorene	5,000.000	D	220	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Hexachlorobenzene	6,100.000	D	250	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Hexachlorobutadiene	4,300.000	D	170	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Hexachloroethane	4,300.000	D	110	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Indeno(1,2,3-cd)pyrene	870.000	D	180	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Isophorone	5,100.000	D	170	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	N-Nitroso-di-n-propylamine	6,300.000	D	140	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Nitrobenzene	1,100.000	D	180	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Pentachlorophenol	5,200.000	D	430	1600	ug/Kg
P4493-08DL	A4EA1DL	Solid	Phenanthrene	1,300.000	D	220	840	ug/Kg
P4493-08DL	A4EA1DL	Solid	Phenol	1,100.000	JD	170	1600	ug/Kg
P4493-08DL	A4EA1DL	Solid	Pyrene	1,800.000	D	220	840	ug/Kg

Total Svoc : 122,540.00

Total Concentration: 129,440.00

Client ID : A4EC1

P4493-09	A4EC1	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d *	31.000	J			
P4493-09	A4EC1	Water	7-Octen-2-ol, 2,6-dimethyl- *	2.200	J			
P4493-09	A4EC1	Water	Acetic acid, phenylmethyl ester *	3.600	J			
P4493-09	A4EC1	Water	Benzyl alcohol *	2.400	J			
P4493-09	A4EC1	Water	Mequinol *	3.000	J			
P4493-09	A4EC1	Water	Vanillin *	2.100	J			
P4493-09	A4EC1	Water	Total Alkanes *	0.000		1.7	5	ug/L

Total Tics : 44.30

Total Concentration: 44.30

Client ID : A4F25

P4493-14	A4F25	Solid	Benzophenone *	750.000	J			
P4493-14	A4F25	Solid	n-Hexadecanoic acid *	180.000	J			

Hit Summary Sheet SW-846

SDG No.: BM102824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4493-14	A4F25	Solid	Total Alkanes	*	0.000	110	390	ug/Kg
Total Tics :				930.00				
P4493-14	A4F25	Solid	Fluoranthene		120.000	J 100	390	ug/Kg
P4493-14	A4F25	Solid	Pyrene		100.000	J 100	390	ug/Kg
Total Svoc :				220.00				
Total Concentration:				1,150.00				
Client ID : A4F27								
P4493-15	A4F27	Solid	(DEL) Alkane: Cyclic6.575	*	360.000	J		
P4493-15	A4F27	Solid	4H-Cyclopenta[def]phenanthrene	*	160.000	J		
P4493-15	A4F27	Solid	Benzophenone	*	310.000	J		
P4493-15	A4F27	Solid	n-Hexadecanoic acid	*	160.000	J		
P4493-15	A4F27	Solid	Total Alkanes	*	360.000	71	250	ug/Kg
Total Tics :				1,350.00				
P4493-15	A4F27	Solid	Acetophenone		210.000	J 56	490	ug/Kg
P4493-15	A4F27	Solid	Anthracene		140.000	J 63	250	ug/Kg
P4493-15	A4F27	Solid	Benzo(a)anthracene		350.000	57	250	ug/Kg
P4493-15	A4F27	Solid	Benzo(a)pyrene		190.000	J 62	250	ug/Kg
P4493-15	A4F27	Solid	Benzo(b)fluoranthene		410.000	62	250	ug/Kg
P4493-15	A4F27	Solid	Benzo(k)fluoranthene		170.000	J 66	250	ug/Kg
P4493-15	A4F27	Solid	Bis(2-ethylhexyl)phthalate		8,100.000	E 65	250	ug/Kg
P4493-15	A4F27	Solid	Chrysene		380.000	66	250	ug/Kg
P4493-15	A4F27	Solid	Fluoranthene		880.000	65	250	ug/Kg
P4493-15	A4F27	Solid	Indeno(1,2,3-cd)pyrene		130.000	J 54	250	ug/Kg
P4493-15	A4F27	Solid	Phenanthrene		660.000	65	250	ug/Kg
P4493-15	A4F27	Solid	Phenol		87.000	J 52	490	ug/Kg
P4493-15	A4F27	Solid	Pyrene		600.000	65	250	ug/Kg
Total Svoc :				12,307.00				
Total Concentration:				13,657.00				
Client ID : F7H16								
P4529-07	F7H16	Solid	Benzophenone	*	320.000	J		
P4529-07	F7H16	Solid	n-Hexadecanoic acid	*	130.000	J		
P4529-07	F7H16	Solid	Total Alkanes	*	0.000	58	210	ug/Kg
Total Tics :				450.00				
Total Concentration:				450.00				
Client ID : F7H17								
P4529-08	F7H17	Solid	Benzophenone	*	290.000	J		
P4529-08	F7H17	Solid	Heptadecyl heptafluorobutyrate	*	100.000	J		
P4529-08	F7H17	Solid	n-Hexadecanoic acid	*	98.000	J		
P4529-08	F7H17	Solid	Total Alkanes	*	0.000	57	200	ug/Kg

Hit Summary Sheet

SW-846

SDG No.: BM102824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				488.00				
Total Concentration:				488.00				
Client ID :	F7H25							
P4529-10	F7H25	Solid	(DEL) Alkane: Straight-Chain21.(	*	110.000	J		
P4529-10	F7H25	Solid	Benzophenone	*	170.000	J		
P4529-10	F7H25	Solid	n-Hexadecanoic acid	*	120.000	J		
P4529-10	F7H25	Solid	Total Alkanes	*	110.000	55	190	ug/Kg
Total Tics :				510.00				
Total Concentration:				510.00				
Client ID :	F7H21							
P4529-11	F7H21	Solid	Benzophenone	*	150.000	J		
P4529-11	F7H21	Solid	n-Hexadecanoic acid	*	130.000	J		
P4529-11	F7H21	Solid	Pentadecafluorooctanoic acid, oct	*	110.000	J		
P4529-11	F7H21	Solid	Total Alkanes	*	0.000	52	190	ug/Kg
Total Tics :				390.00				
Total Concentration:				390.00				
Client ID :	F7H22							
P4529-12	F7H22	Solid	Benzophenone	*	230.000	J		
P4529-12	F7H22	Solid	Dichloroacetic acid, heptadecyl es	*	110.000	J		
P4529-12	F7H22	Solid	n-Hexadecanoic acid	*	120.000	J		
P4529-12	F7H22	Solid	Total Alkanes	*	0.000	54	190	ug/Kg
Total Tics :				460.00				
Total Concentration:				460.00				
Client ID :	F7H23							
P4529-13	F7H23	Solid	(DEL) Alkane: Straight-Chain21.(	*	160.000	J		
P4529-13	F7H23	Solid	Benzophenone	*	110.000	J		
P4529-13	F7H23	Solid	n-Hexadecanoic acid	*	190.000	J		
P4529-13	F7H23	Solid	Total Alkanes	*	160.000	60	210	ug/Kg
Total Tics :				620.00				
Total Concentration:				620.00				
Client ID :	F7H35							
P4529-14	F7H35	Solid	(DEL) Alkane: Straight-Chain21.(	*	120.000	J		
P4529-14	F7H35	Solid	Benzophenone	*	180.000	J		
P4529-14	F7H35	Solid	n-Hexadecanoic acid	*	140.000	J		
P4529-14	F7H35	Solid	Total Alkanes	*	120.000	52	180	ug/Kg
Total Tics :				560.00				
Total Concentration:				560.00				
Client ID :	F7H36							

Hit Summary Sheet SW-846

SDG No.: BM102824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4529-15	F7H36	Solid	(DEL) Alkane: Straight-Chain21.(	*	150.000	J		
P4529-15	F7H36	Solid	Benzophenone	*	100.000	J		
P4529-15	F7H36	Solid	n-Hexadecanoic acid	*	140.000	J		
P4529-15	F7H36	Solid	Total Alkanes	*	150.000	55	190	ug/Kg
Total Tics :					540.00			
Total Concentration:					540.00			
Client ID : F7H37								
P4529-16	F7H37	Solid	Benzophenone	*	300.000	J		
P4529-16	F7H37	Solid	n-Hexadecanoic acid	*	300.000	J		
P4529-16	F7H37	Solid	Octadecanoic acid	*	93.000	J		
P4529-16	F7H37	Solid	Pentadecafluorooctanoic acid, oct:	*	140.000	J		
P4529-16	F7H37	Solid	Total Alkanes	*	0.000	57	200	ug/Kg
Total Tics :					833.00			
Total Concentration:					833.00			
Client ID : F7H45								
P4529-17	F7H45	Solid	Benzophenone	*	140.000	J		
P4529-17	F7H45	Solid	Heptadecyl heptafluorobutyrate	*	120.000	J		
P4529-17	F7H45	Solid	n-Hexadecanoic acid	*	140.000	J		
P4529-17	F7H45	Solid	Total Alkanes	*	0.000	54	190	ug/Kg
Total Tics :					400.00			
Total Concentration:					400.00			
Client ID : F7H46								
P4529-18	F7H46	Solid	Benzophenone	*	190.000	J		
P4529-18	F7H46	Solid	Dichloroacetic acid, heptadecyl es	*	100.000	J		
P4529-18	F7H46	Solid	n-Hexadecanoic acid	*	190.000	J		
P4529-18	F7H46	Solid	Total Alkanes	*	0.000	56	200	ug/Kg
Total Tics :					480.00			
Total Concentration:					480.00			
Client ID : F7H47								
P4529-19	F7H47	Solid	Benzophenone	*	200.000	J		
P4529-19	F7H47	Solid	n-Hexadecanoic acid	*	150.000	J		
P4529-19	F7H47	Solid	Pentadecafluorooctanoic acid, oct:	*	85.000	J		
P4529-19	F7H47	Solid	Total Alkanes	*	0.000	56	200	ug/Kg
Total Tics :					435.00			
Total Concentration:					435.00			
Client ID : F7H48								
P4529-20	F7H48	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	5.800	J		
P4529-20	F7H48	Water	Phenol, 2-methoxy-	*	3.700	J		



Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4529-20	F7H48	Water	Total Alkanes	*	0.000	1.7	5	ug/L
			Total Tics :			9.50		
P4529-20	F7H48	Water	4-Chloro-3-methylphenol		2.300	J 1.4	5	ug/L
			Total Svoc :			2.30		
			Total Concentration:			11.80		
Client ID :	GCNX7							
P4532-16	GCNX7	Water	2,4,7,9-Tetramethyl-5-decyn-4,7-di	*	2.200	J		
P4532-16	GCNX7	Water	Atra zine	*	2.200	J		
P4532-16	GCNX7	Water	Benzoic acid	*	14.000	J		
P4532-16	GCNX7	Water	Benzoic acid, 4-methyl-	*	7.500	J		
P4532-16	GCNX7	Water	Benzoic acid, p-tert-butyl-	*	21.000	J		
P4532-16	GCNX7	Water	Benzophenone	*	5.300	J		
P4532-16	GCNX7	Water	Hexanoic acid, 2-ethyl-	*	50.000	J		
P4532-16	GCNX7	Water	Total Alkanes	*	0.000	1.7	5	ug/L
			Total Tics :			102.20		
			Total Concentration:			102.20		
Client ID :	GCNX8							
P4532-17	GCNX8	Water	Benzophenone	*	2.600	J		
P4532-17	GCNX8	Water	Total Alkanes	*	0.000	1.7	5	ug/L
			Total Tics :			2.60		
P4532-17	GCNX8	Water	1,4-Dioxane		2.700	0.49	2	ug/L
			Total Svoc :			2.70		
			Total Concentration:			5.30		
Client ID :	GCNZ6							
P4532-18	GCNZ6	Water	Total Alkanes	*	0.000	1.7	5	ug/L
			Total Tics :			0.00		
P4532-18	GCNZ6	Water	1,4-Dioxane		5.700	0.49	2	ug/L
			Total Svoc :			5.70		
			Total Concentration:			5.70		
Client ID :	E1L62							
P4534-01	E1L62	Water	Total Alkanes	*	0.000	1.7	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1L65							
P4534-05	E1L65	Water	Total Alkanes	*	0.000	1.7	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	E1L67							

Hit Summary Sheet SW-846

SDG No.: BM102824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4534-06	E1L67	Water	Tetrachloroethylene	*	18.000	J		
P4534-06	E1L67	Water	Total Alkanes	*	0.000	1.7	5	ug/L
Total Tics :						18.00		
Total Concentration:						18.00		
Client ID : E1L78								
P4534-07	E1L78	Water	Total Alkanes	*	0.000	1.7	5	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : E1L98								
P4534-08	E1L98	Water	Total Alkanes	*	0.000	1.7	5	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : E1L51								
P4557-01	E1L51	Water	Dimethenamide-P	*	3.900	J		
P4557-01	E1L51	Water	Metolachlor	*	51.000	J		
P4557-01	E1L51	Water	Total Alkanes	*	0.000	1.7	5	ug/L
Total Tics :						54.90		
Total Concentration:						54.90		
Client ID : E1L52								
P4557-02	E1L52	Water	Benzenesulfonamide	*	2.800	J		
P4557-02	E1L52	Water	Benzothiazole	*	2.200	J		
P4557-02	E1L52	Water	Total Alkanes	*	0.000	1.7	5	ug/L
Total Tics :						5.00		
Total Concentration:						5.00		
Client ID : E1L92								
P4558-07	E1L92	Water	Tetrachloroethylene	*	13.000	J		
P4558-07	E1L92	Water	Total Alkanes	*	0.000	1.7	5	ug/L
Total Tics :						13.00		
Total Concentration:						13.00		
Client ID : GCNY8								
P4559-13	GCNY8	Water	Total Alkanes	*	0.000	1.7	5	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		
Client ID : GCNY9								
P4559-14	GCNY9	Water	Total Alkanes	*	0.000	1.7	5	ug/L
Total Tics :						0.00		
Total Concentration:						0.00		

Hit Summary Sheet SW-846

SDG No.: BM102824

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	GCNZ0							
P4559-15	GCNZ0	Water	Total Alkanes	*	0.000	1.7	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	GCNZ1							
P4559-16	GCNZ1	Water	Total Alkanes	*	0.000	1.7	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	GCNZ2							
P4559-17	GCNZ2	Water	Total Alkanes	*	0.000	1.7	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	GCNZ3							
P4559-18	GCNZ3	Water	Total Alkanes	*	0.000	1.7	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	GCNZ4							
P4559-19	GCNZ4	Water	Total Alkanes	*	0.000	1.7	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	SVOC-GPC-BLANK							
P4562-05	SVOC-GPC-BLANK	Solid	Total Alkanes	*	0.000	140	510	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :	SVOC-GPC2-BLANK							
P4562-10	SVOC-GPC2-BLANK	Solid	Total Alkanes	*	0.000	140	510	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM102624 SAS No.: BM102624 SDG No.: BM102624
Instrument ID: _____ Calibration Date(s): 10/26/2024
Calibration Time(s): 10:35

LAB FILE ID:		RRFAL1 = BM048241.D		RRFAL2 = BM048242.D		RRFAL3 = BM048243.D		
		RRFAL4 = BM048244.D		RRFAL5 = BM048245.D		RRFAL6 = BM048246.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.520	0.597	0.545	0.513	0.510		0.537	6.8
Benzaldehyde		1.008	0.951	0.977	0.769	0.546	0.850	22.8
Pyridine		1.595	1.540	1.493	1.483	1.435	1.509	4.0
Hexachloroethane	0.551	0.644	0.625	0.609	0.594		0.605	5.8
Nitrobenzene	0.331	0.405	0.393	0.388	0.388		0.381	7.5
Isophorone	0.653	0.775	0.770	0.765	0.729		0.738	6.9
2-Nitrophenol	0.158	0.197	0.203	0.206	0.209		0.195	10.9
2,4-Dimethylphenol	0.312	0.379	0.374	0.355	0.367		0.357	7.6
Bis(2-Chloroethoxy)methane	0.409	0.490	0.471	0.466	0.455		0.458	6.7
2,4-Dichlorophenol	0.290	0.352	0.343	0.342	0.332		0.332	7.4
Naphthalene	1.054	1.196	1.143	1.105	1.088		1.117	4.9
4-Chloroaniline		0.466	0.452	0.456	0.428	0.378	0.436	8.1
Hexachlorobutadiene	0.212	0.237	0.224	0.217	0.215		0.221	4.6
Phenol		1.787	1.804	1.806	1.783	1.767	1.789	0.9
Caprolactam		0.101	0.107	0.113	0.102	0.107	0.106	4.6
4-Chloro-3-methylphenol	0.283	0.350	0.351	0.354	0.330		0.334	8.9
1-Methylnaphthalene	0.715	0.826	0.789	0.769	0.719		0.764	6.2
2-Methylnaphthalene	0.692	0.815	0.778	0.759	0.720		0.753	6.4
Hexachlorocyclopentadiene		0.382	0.375	0.386	0.396	0.357	0.379	3.8
2,4,6-Trichlorophenol	0.339	0.420	0.418	0.430	0.437		0.409	9.8
2,4,5-Trichlorophenol	0.341	0.441	0.452	0.463	0.462		0.432	12.0
1,1-Biphenyl	1.425	1.650	1.563	1.518	1.513		1.534	5.3
2-Chloronaphthalene	1.086	1.267	1.206	1.194	1.189		1.189	5.5
2-Nitroaniline	0.258	0.333	0.338	0.362	0.354		0.329	12.6
Bis(2-Chloroethyl)ether		1.479	1.452	1.434	1.409	1.375	1.430	2.8
Dimethylphthalate	1.392	1.610	1.538	1.518	1.438		1.499	5.7
2,6-Dinitrotoluene	0.231	0.290	0.300	0.321	0.315		0.291	12.3
Acenaphthylene	1.665	1.978	1.909	1.861	1.791		1.841	6.5
3-Nitroaniline		0.280	0.304	0.339	0.312	0.298	0.307	7.0
Acenaphthene	1.250	1.416	1.333	1.297	1.235		1.306	5.6
2,4-Dinitrophenol		0.158	0.186	0.215	0.210	0.222	0.198	13.2
4-Nitrophenol		0.183	0.204	0.218	0.203	0.190	0.200	6.8
Dibenzofuran	1.717	1.960	1.860	1.782	1.666		1.797	6.5
2,4-Dinitrotoluene	0.343	0.441	0.449	0.463	0.435		0.426	11.2
Diethylphthalate	1.397	1.610	1.559	1.544	1.431		1.508	6.0
2-Chlorophenol	1.284	1.499	1.483	1.457	1.451		1.435	6.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102624

SAS No.: BM102624

SDG No.: BM102624

Instrument ID: _____

Calibration Date(s): 10/26/2024

Calibration Time(s): 10:35

LAB FILE ID:		RRFAL1 = BM048241.D		RRFAL2 = BM048242.D		RRFAL3 = BM048243.D		
		RRFAL4 = BM048244.D		RRFAL5 = BM048245.D		RRFAL6 = BM048246.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.401	1.591	1.496	1.411	1.255		1.431	8.7
4-Chlorophenyl-phenylether	0.687	0.799	0.754	0.710	0.641		0.718	8.5
4-Nitroaniline		0.273	0.295	0.324	0.262	0.235	0.278	12.1
4,6-Dinitro-2-methylphenol		0.138	0.144	0.148	0.145	0.133	0.142	4.3
N-Nitrosodiphenylamine	0.546	0.655	0.623	0.587	0.574		0.597	7.1
1,2,4,5-Tetrachlorobenzene	0.567	0.672	0.641	0.633	0.654		0.633	6.3
4-Bromophenyl-phenylether	0.199	0.234	0.224	0.218	0.216		0.218	5.9
Hexachlorobenzene	0.246	0.285	0.267	0.254	0.253		0.261	5.9
Atrazine		0.234	0.215	0.215	0.214	0.144	0.204	17.0
Pentachlorophenol		0.162	0.167	0.171	0.171	0.155	0.165	4.2
2-Methylphenol		1.348	1.368	1.376	1.330	1.309	1.346	2.0
Phenanthrene	1.058	1.211	1.142	1.085	1.042		1.107	6.2
Pentachlorobenzene	0.308	0.351	0.328	0.310	0.314		0.322	5.6
Anthracene	1.027	1.225	1.159	1.096	1.035		1.108	7.6
1,2,3,4-Tetrachlorobenzene	0.284	0.337	0.317	0.308	0.336		0.317	7.0
Carbazole		1.070	1.039	1.016	0.942	0.801	0.973	11.0
Di-n-butylphthalate	1.126	1.341	1.328	1.345	1.255		1.279	7.3
Fluoranthene	1.188	1.518	1.500	1.438	1.418		1.412	9.4
Pyrene	1.335	1.640	1.615	1.522	1.459		1.514	8.2
Butylbenzylphthalate	0.481	0.621	0.653	0.685	0.688		0.626	13.6
3,3-Dichlorobenzidine		0.459	0.452	0.480	0.435	0.356	0.436	11.0
2,2-oxybis (1-Chloropropane)		2.370	2.294	2.238	2.084	1.939	2.185	7.9
Benzo (a) anthracene	1.325	1.543	1.462	1.454	1.428		1.442	5.5
Chrysene	1.275	1.444	1.384	1.357	1.322		1.356	4.7
Bis (2-ethylhexyl) phthalate	0.723	0.906	0.938	0.994	0.948		0.902	11.6
Di-n-octyl phthalate		1.362	1.462	1.665	1.520	1.472	1.496	7.4
Benzo (b) fluoranthene	1.117	1.379	1.290	1.330	1.265		1.276	7.8
Benzo (k) fluoranthene	1.157	1.371	1.337	1.309	1.215		1.278	7.0
Benzo (a) pyrene	1.033	1.229	1.194	1.193	1.157		1.161	6.6
Indeno (1,2,3-cd) pyrene	1.280	1.393	1.420	1.361	1.538		1.398	6.7
Dibenzo (a,h) anthracene	1.054	1.144	1.168	1.119	1.232		1.144	5.7
Benzo (g,h,i) perylene	0.990	1.068	1.081	1.027	1.198		1.073	7.3
Acetophenone		2.337	2.325	2.285	2.052	1.865	2.173	9.5
2,3,4,6-Tetrachlorophenol	0.333	0.386	0.386	0.382	0.363		0.370	6.1
1,4-Dioxane-d8	0.508	0.545	0.524	0.480	0.483		0.508	5.4
Pyridine-d5		1.547	1.494	1.453	1.455	1.414	1.472	3.4

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM102624 SAS No.: BM102624 SDG No.: BM102624
Instrument ID: _____ Calibration Date(s): 10/26/2024 _____
Calibration Time(s): 10:35 _____

LAB FILE ID:		RRFAL1 = BM048241.D			RRFAL2 = BM048242.D		RRFAL3 = BM048243.D	
		RRFAL4 = BM048244.D			RRFAL5 = BM048245.D		RRFAL6 = BM048246.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.714	1.706	1.722	1.706	1.743	1.718	0.9
Bis-(2-Chloroethyl)ether-d8		1.103	1.096	1.071	1.043	1.009	1.064	3.7
2-Chlorophenol-d4	1.187	1.455	1.449	1.442	1.453		1.397	8.4
4-Methylphenol-d8		1.396	1.388	1.416	1.343	1.355	1.380	2.2
Nitrobenzene-d5	0.139	0.168	0.169	0.169	0.176		0.164	8.8
2-Nitrophenol-d4	0.140	0.177	0.184	0.191	0.197		0.178	12.7
2,4-Dichlorophenol-d3	0.272	0.337	0.336	0.340	0.335		0.324	9.0
4-Chloroaniline-d4		0.475	0.462	0.470	0.444	0.400	0.450	6.8
4-Methylphenol		1.523	1.523	1.543	1.448	1.392	1.486	4.3
Dimethylphthalate-d6	1.396	1.596	1.527	1.516	1.437		1.495	5.3
Acenaphthylene-d8	1.494	1.772	1.733	1.731	1.697		1.685	6.6
4-Nitrophenol-d4		0.239	0.278	0.300	0.284	0.266	0.273	8.4
Fluorene-d10	1.188	1.363	1.301	1.269	1.193		1.263	5.9
4,6-Dinitro-2-methylphenol		0.126	0.131	0.137	0.137	0.129	0.132	3.7
Anthracene-d10	0.881	1.019	0.981	0.941	0.907		0.946	5.8
Pyrene-d10	1.028	1.290	1.288	1.237	1.225		1.214	8.9
Benzo(a)pyrene-d12	0.938	1.118	1.078	1.083	1.057		1.055	6.5
N-Nitroso-di-n-propylamine	0.993	1.210	1.186	1.166	1.016		1.114	9.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020036 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BM048243.D Time Analyzed: 11:23

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	227528	7.722	968895	10.51	640093	14.36
	UPPER LIMIT	455056	8.222	1937790	11.01	1280186	14.863
	LOWER LIMIT	113764	7.222	484447.5	10.01	320046.5	13.863
	EPA SAMPLE NO.						
01	SBLK422	238767	7.72	954805	10.51	597740	14.36
02	GCNY8	196032	7.72	846644	10.51	560569	14.36
03	GCNY9	236166	7.72	1.01286e	10.51	687606	14.36
04	GCNZ0	230411	7.72	983030	10.51	637522	14.36
05	GCNZ1	197790	7.72	832220	10.51	543186	14.36
06	GCNZ2	224405	7.72	967844	10.51	641602	14.36
07	GCNZ3	254218	7.72	1.07456e	10.51	710188	14.36
08	E1L65	211850	7.72	863555	10.51	539401	14.36
09	E1L67	201328	7.72	824633	10.51	498200	14.36
10	E1L78	226872	7.72	927318	10.51	562891	14.36
11	E1L98	244192	7.72	1.02641e	10.51	659005	14.36
12	GCNZ4	227197	7.72	925008	10.51	574933	14.36
13	SLCS422	212272	7.72	883869	10.51	574273	14.36
14	SBLK423	241779	7.72	1.01492e	10.51	633615	14.36
15	SBLK389	295326	7.72	1.24661e	10.51	797276	14.36
16	F7H16	220371	7.72	925926	10.51	603192	14.36
17	F7H17	207941	7.72	841523	10.51	519065	14.36
18	F7H25	212390	7.72	884593	10.50	557969	14.36
19	F7H21	217703	7.72	908200	10.51	574573	14.36
20	F7H22	207972	7.72	864951	10.50	525806	14.36
21	F7H23	229954	7.72	961544	10.50	601575	14.36
22	F7H35	213630	7.72	867524	10.50	530269	14.36
23	F7H36	201712	7.72	854618	10.50	539668	14.36

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020036 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BM048243.D Time Analyzed: 03:45

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	227528	7.722	968895	10.51	640093	14.36
	UPPER LIMIT	455056	8.222	1937790	11.01	1280186	14.863
	LOWER LIMIT	113764	7.222	484447.5	10.01	320046.5	13.863
	EPA SAMPLE NO.						
24	F7H37	226952	7.72	957410	10.50	606116	14.36
25	F7H45	231144	7.72	989295	10.50	609778	14.36
26	F7H46	226431	7.72	981989	10.50	637159	14.36
27	F7H47	217761	7.72	930625	10.50	586436	14.36
28	SLCS423	262293	7.72	1.12089e	10.50	686442	14.36
29	SBLK388	184642	7.72	779722	10.50	472174	14.36
30	SBLK417	202572	7.72	871976	10.50	560340	14.36
31	GCNZ6	177559	7.72	731463	10.50	444495	14.36
32	XA108	162379	7.72	656506	10.50	389559	14.36
33	XA108DL	214126	7.72	905571	10.50	573153	14.36
34	GCNX7	212933	7.72	914099	10.50	584687	14.36
35	GCNX8	173053	7.72	716108	10.50	431582	14.36
36	A4EA1	191666	7.72	786141	10.50	461202	14.36
37	A4EA1DL	210909	7.72	906031	10.50	528863	14.36
38	A4E61	173014	7.72	707006	10.50	415863	14.36
39	A4E61DL	193283	7.72	807582	10.50	488001	14.36
40	SBLK416	176168	7.72	734496	10.50	448269	14.36
41	SBLK419	174382	7.72	715130	10.50	437331	14.36
42	SVOC-GPC-BLANK	158035	7.72	628314	10.50	410589	14.36
43	SVOC-GPC2-BLANK	163470	7.72	638876	10.50	399055	14.36
44	A4EC1	161180	7.72	653767	10.50	417271	14.36
45	F7H48	218605	7.72	942570	10.50	598459	14.36
46	A4F25	149289	7.72	600783	10.50	360095	14.36

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020036 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BM048243.D Time Analyzed: 22:39

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	227528	7.722	968895	10.51	640093	14.36
UPPER LIMIT	455056	8.222	1937790	11.01	1280186	14.863
LOWER LIMIT	113764	7.222	484447.5	10.01	320046.5	13.863
EPA SAMPLE NO.						
47 A4F27	162953	7.72	659013	10.50	382160	14.36
48 A4EQ6	180143	7.72	732971	10.50	435547	14.36
49 A4EY1	174460	7.72	724949	10.50	438455	14.36
50 E1L51	219574	7.72	887212	10.50	535427	14.36
51 E1L52	195247	7.72	807259	10.50	482487	14.36
52 E1L92	189003	7.72	766500	10.50	459293	14.36
53 E1L92MS	215666	7.72	904915	10.50	550185	14.36
54 SLCS417	169055	7.72	704343	10.50	432192	14.36
55 SBLK512	220995	7.72	924115	10.50	553450	14.36
56 SBLK514	209292	7.72	848161	10.50	510161	14.36
57 E1L92MSD	229908	7.72	949758	10.50	571945	14.36
58 E1L62	187768	7.72	778785	10.50	472069	14.36

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.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020188 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BM048249.D Time Analyzed: 11:23

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	218715	7.722	914095	10.51	569155	14.36
UPPER LIMIT	437430	8.222	1828190	11.01	1138310	14.863
LOWER LIMIT	109357.5	7.222	457047.5	10.01	284577.5	13.863
EPA SAMPLE NO.						
01 SBLK422	238767	7.72	954805	10.51	597740	14.36
02 GCNY8	196032	7.72	846644	10.51	560569	14.36
03 GCNY9	236166	7.72	1.01286e	10.51	687606	14.36
04 GCNZ0	230411	7.72	983030	10.51	637522	14.36
05 GCNZ1	197790	7.72	832220	10.51	543186	14.36
06 GCNZ2	224405	7.72	967844	10.51	641602	14.36
07 GCNZ3	254218	7.72	1.07456e	10.51	710188	14.36
08 E1L65	211850	7.72	863555	10.51	539401	14.36
09 E1L67	201328	7.72	824633	10.51	498200	14.36
10 E1L78	226872	7.72	927318	10.51	562891	14.36
11 E1L98	244192	7.72	1.02641e	10.51	659005	14.36
12 GCNZ4	227197	7.72	925008	10.51	574933	14.36
13 SLCS422	212272	7.72	883869	10.51	574273	14.36

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.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020189 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BM048263.D Time Analyzed: 21:13

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	205897	7.716	853600	10.51	544170	14.36
UPPER LIMIT	411794	8.216	1707200	11.01	1088340	14.863
LOWER LIMIT	102948.5	7.216	426800	10.01	272085	13.863
EPA SAMPLE NO.						
01 SBLK423	241779	7.72	1.01492e	10.51	633615	14.36
02 SBLK389	295326	7.72	1.24661e	10.51	797276	14.36
03 F7H16	220371	7.72	925926	10.51	603192	14.36
04 F7H17	207941	7.72	841523	10.51	519065	14.36
05 F7H25	212390	7.72	884593	10.50	557969	14.36
06 F7H21	217703	7.72	908200	10.51	574573	14.36
07 F7H22	207972	7.72	864951	10.50	525806	14.36
08 F7H23	229954	7.72	961544	10.50	601575	14.36
09 F7H35	213630	7.72	867524	10.50	530269	14.36
10 F7H36	201712	7.72	854618	10.50	539668	14.36
11 F7H37	226952	7.72	957410	10.50	606116	14.36
12 F7H45	231144	7.72	989295	10.50	609778	14.36
13 F7H46	226431	7.72	981989	10.50	637159	14.36
14 F7H47	217761	7.72	930625	10.50	586436	14.36
15 SLCS423	262293	7.72	1.12089e	10.50	686442	14.36

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.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020190 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BM048279.D Time Analyzed: 08:51

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	252806	7.716	1.06485e+01	10.50	640935	14.36
UPPER LIMIT	505612	8.216	2129700	11.004	1281870	14.863
LOWER LIMIT	126403	7.216	532425	10.004	320467.5	13.863
EPA SAMPLE NO.						
01 SBLK388	184642	7.72	779722	10.50	472174	14.36
02 SBLK417	202572	7.72	871976	10.50	560340	14.36
03 GCNZ6	177559	7.72	731463	10.50	444495	14.36
04 XA108	162379	7.72	656506	10.50	389559	14.36
05 XA108DL	214126	7.72	905571	10.50	573153	14.36
06 GCNX7	212933	7.72	914099	10.50	584687	14.36
07 GCNX8	173053	7.72	716108	10.50	431582	14.36
08 A4EA1	191666	7.72	786141	10.50	461202	14.36
09 A4EA1DL	210909	7.72	906031	10.50	528863	14.36
10 A4E61	173014	7.72	707006	10.50	415863	14.36
11 A4E61DL	193283	7.72	807582	10.50	488001	14.36

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.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020191 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BM048291.D Time Analyzed: 18:04

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	228195	7.716	946368	10.50	568889	14.36
UPPER LIMIT	456390	8.216	1892736	11.004	1137778	14.857
LOWER LIMIT	114097.5	7.216	473184	10.004	284444.5	13.857
EPA SAMPLE NO.						
01 SBLK416	176168	7.72	734496	10.50	448269	14.36
02 SBLK419	174382	7.72	715130	10.50	437331	14.36
03 SVOC-GPC-BLANK	158035	7.72	628314	10.50	410589	14.36
04 SVOC-GPC2-BLANK	163470	7.72	638876	10.50	399055	14.36
05 A4EC1	161180	7.72	653767	10.50	417271	14.36
06 F7H48	218605	7.72	942570	10.50	598459	14.36
07 A4F25	149289	7.72	600783	10.50	360095	14.36
08 A4F27	162953	7.72	659013	10.50	382160	14.36
09 A4EQ6	180143	7.72	732971	10.50	435547	14.36
10 A4EY1	174460	7.72	724949	10.50	438455	14.36
11 E1L51	219574	7.72	887212	10.50	535427	14.36
12 E1L52	195247	7.72	807259	10.50	482487	14.36
13 E1L92	189003	7.72	766500	10.50	459293	14.36
14 E1L92MS	215666	7.72	904915	10.50	550185	14.36
15 SLCS417	169055	7.72	704343	10.50	432192	14.36

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.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020192 Date Analyzed: Oct 30 2024 12:00AM

Lab File ID: BM048307.D Time Analyzed: 05:11

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	258254	7.716	1.07995e+01	10.50	659149	14.36
UPPER LIMIT	516508	8.216	2159900	11.004	1318298	14.857
LOWER LIMIT	129127	7.216	539975	10.004	329574.5	13.857
EPA SAMPLE NO.						
01 SBLK512	220995	7.72	924115	10.50	553450	14.36
02 SBLK514	209292	7.72	848161	10.50	510161	14.36
03 E1L92MSD	229908	7.72	949758	10.50	571945	14.36
04 E1L62	187768	7.72	778785	10.50	472069	14.36

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.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020036 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BM048243.D Time Analyzed: 11:23

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.29764e+01	17.109	1.10326e+	21.333	1.10674e+01	24.285
	UPPER LIMIT	2595280	17.609	2206520	21.833	2213480	24.785
	LOWER LIMIT	648820	16.609	551630	20.833	553370	23.785
	EPA SAMPLE NO.						
01	SBLK422	1.18786	17.10	1.1022e+0	21.33	1.29634e+	24.28
02	GCNY8	1.16701	17.10	994796	21.33	998394	24.28
03	GCNY9	1.45158	17.10	1.42315e+	21.33	1.56217e+	24.28
04	GCNZ0	1.25472	17.10	1.01685e+	21.33	1.05811e+	24.27
05	GCNZ1	1.10664	17.10	904552	21.33	920321	24.28
06	GCNZ2	1.32281	17.10	1.12034e+	21.33	1.11806e+	24.28
07	GCNZ3	1.47988	17.10	1.39471e+	21.33	1.44536e+	24.28
08	E1L65	1.07121	17.10	957222	21.33	1.05809e+	24.28
09	E1L67	955108	17.10	811165	21.33	905610	24.28
10	E1L78	1.08887	17.10	936073	21.33	1.04555e+	24.28
11	E1L98	1.28151	17.10	989471	21.33	1.03636e+	24.27
12	GCNZ4	1.13823	17.10	1.01239e+	21.33	1.13006e+	24.27
13	SLCS422	1.16446	17.10	1.12265e+	21.33	1.28357e+	24.27
14	SBLK423	1.22406	17.10	1.00923e+	21.33	1.10731e+	24.28
15	SBLK389	1.55338	17.10	1.22416e+	21.33	1.31816e+	24.27
16	F7H16	1.20422	17.10	967233	21.33	988732	24.27
17	F7H17	1.04774	17.10	954038	21.33	1.08057e+	24.27
18	F7H25	1.08909	17.10	903560	21.33	970473	24.27
19	F7H21	1.12898	17.10	968421	21.33	1.03347e+	24.27
20	F7H22	1.01752	17.10	874154	21.33	986336	24.27
21	F7H23	1.13956	17.10	956631	21.33	1.06105e+	24.27

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020036 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BM048243.D Time Analyzed: 02:27

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.29764e+01	17.109	1.10326e+	21.333	1.10674e+01	24.285
	UPPER LIMIT	2595280	17.609	2206520	21.833	2213480	24.785
	LOWER LIMIT	648820	16.609	551630	20.833	553370	23.785
	EPA SAMPLE NO.						
22	F7H35	1.07783	17.10	1.02292e+	21.33	1.19442e+	24.27
23	F7H36	1.04665	17.10	889771	21.33	952588	24.27
24	F7H37	1.15977	17.10	930270	21.33	990172	24.27
25	F7H45	1.16485	17.10	953736	21.33	1.03812e+	24.27
26	F7H46	1.24802	17.10	972945	21.33	1.00223e+	24.27
27	F7H47	1.11672	17.10	896437	21.33	964656	24.27
28	SLCS423	1.25801	17.10	976039	21.33	1.01856e+	24.27
29	SBLK388	905231	17.10	759432	21.33	826873	24.28
30	SBLK417	1.09357	17.10	823670	21.33	859046	24.27
31	GCNZ6	858344	17.10	724576	21.33	811583	24.27
32	XA108	732433	17.10	620497	21.33	654633	24.27
33	XA108DL	1.09851	17.10	847831	21.33	882561	24.27
34	GCNX7	1.11573	17.10	887542	21.33	947787	24.27
35	GCNX8	843615	17.10	725867	21.33	799964	24.27
36	A4EA1	887918	17.10	740857	21.33	874967	24.27
37	A4EA1DL	1.02668	17.10	862954	21.33	947810	24.27
38	A4E61	766941	17.10	576912	21.33	671015	24.27
39	A4E61DL	955351	17.10	832050	21.33	895822	24.27
40	SBLK416	844644	17.10	672013	21.33	748925	24.27
41	SBLK419	836029	17.10	712546	21.33	793462	24.27
42	SVOC-GPC-BLANK	788229	17.10	693331	21.33	768864	24.27

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020036 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BM048243.D Time Analyzed: 20:02

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.29764e+01	17.109	1.10326e+	21.333	1.10674e+01	24.285
UPPER LIMIT	2595280	17.609	2206520	21.833	2213480	24.785
LOWER LIMIT	648820	16.609	551630	20.833	553370	23.785
EPA SAMPLE NO.						
43 SVOC-GPC2-BLANK	787307	17.10	718070	21.33	800389	24.27
44 A4EC1	833156	17.10	759467	21.32	876576	24.27
45 F7H48	1.12844	17.10	857945	21.33	905693	24.27
46 A4F25	712993	17.10	654120	21.32	739018	24.26
47 A4F27	733209	17.10	663062	21.32	735027	24.26
48 A4EQ6	857802	17.10	790294	21.32	871929	24.26
49 A4EY1	844873	17.10	729095	21.32	797810	24.26
50 E1L51	1.03195	17.10	902299	21.32	1.00579e+	24.27
51 E1L52	935237	17.10	822539	21.32	927387	24.26
52 E1L92	865040	17.10	735064	21.32	824261	24.26
53 E1L92MS	1.04337	17.10	874962	21.32	948801	24.26
54 SLCS417	819874	17.10	707439	21.32	759193	24.26
55 SBLK512	1.04314	17.10	843076	21.32	941584	24.27
56 SBLK514	969108	17.10	811425	21.32	899797	24.26
57 E1L92MSD	1.0834e	17.10	939437	21.32	1.0229e+0	24.27
58 E1L62	884562	17.10	727448	21.32	812391	24.27

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020036 Date Analyzed: Oct 30 2024 12:00AM

Lab File ID: BM048243.D Time Analyzed: 07:09

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.29764e+01	17.109	1.10326e+01	21.333	1.10674e+01	24.285
UPPER LIMIT	2595280	17.609	2206520	21.833	2213480	24.785
LOWER LIMIT	648820	16.609	551630	20.833	553370	23.785
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.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020188 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BM048249.D Time Analyzed: 11:23

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.1111e+00	17.104	993232	21.333	1.09615e+00	24.28
UPPER LIMIT	2222200	17.604	1986464	21.833	2192300	24.78
LOWER LIMIT	555550	16.604	496616	20.833	548075	23.78
EPA SAMPLE NO.						
01 SBLK422	1.18786	17.10	1.1022e+0	21.33	1.29634e+	24.28
02 GCNY8	1.16701	17.10	994796	21.33	998394	24.28
03 GCNY9	1.45158	17.10	1.42315e+	21.33	1.56217e+	24.28
04 GCNZ0	1.25472	17.10	1.01685e+	21.33	1.05811e+	24.27
05 GCNZ1	1.10664	17.10	904552	21.33	920321	24.28
06 GCNZ2	1.32281	17.10	1.12034e+	21.33	1.11806e+	24.28
07 GCNZ3	1.47988	17.10	1.39471e+	21.33	1.44536e+	24.28
08 E1L65	1.07121	17.10	957222	21.33	1.05809e+	24.28
09 E1L67	955108	17.10	811165	21.33	905610	24.28
10 E1L78	1.08887	17.10	936073	21.33	1.04555e+	24.28
11 E1L98	1.28151	17.10	989471	21.33	1.03636e+	24.27
12 GCNZ4	1.13823	17.10	1.01239e+	21.33	1.13006e+	24.27
13 SLCS422	1.16446	17.10	1.12265e+	21.33	1.28357e+	24.27

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.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020189 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BM048263.D Time Analyzed: 21:13

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	1.08857e+01	17.104	1.02159e+	21.327	1.14796e+01	24.274
	UPPER LIMIT	2177140	17.604	2043180	21.827	2295920	24.774
	LOWER LIMIT	544285	16.604	510795	20.827	573980	23.774
	EPA SAMPLE NO.						
01	SBLK423	1.22406	17.10	1.00923e+	21.33	1.10731e+	24.28
02	SBLK389	1.55338	17.10	1.22416e+	21.33	1.31816e+	24.27
03	F7H16	1.20422	17.10	967233	21.33	988732	24.27
04	F7H17	1.04774	17.10	954038	21.33	1.08057e+	24.27
05	F7H25	1.08909	17.10	903560	21.33	970473	24.27
06	F7H21	1.12898	17.10	968421	21.33	1.03347e+	24.27
07	F7H22	1.01752	17.10	874154	21.33	986336	24.27
08	F7H23	1.13956	17.10	956631	21.33	1.06105e+	24.27
09	F7H35	1.07783	17.10	1.02292e+	21.33	1.19442e+	24.27
10	F7H36	1.04665	17.10	889771	21.33	952588	24.27
11	F7H37	1.15977	17.10	930270	21.33	990172	24.27
12	F7H45	1.16485	17.10	953736	21.33	1.03812e+	24.27
13	F7H46	1.24802	17.10	972945	21.33	1.00223e+	24.27
14	F7H47	1.11672	17.10	896437	21.33	964656	24.27
15	SLCS423	1.25801	17.10	976039	21.33	1.01856e+	24.27

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020189 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BM048263.D Time Analyzed: 06:23

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.08857e+01	17.104	1.02159e+01	21.327	1.14796e+01	24.274
UPPER LIMIT	2177140	17.604	2043180	21.827	2295920	24.774
LOWER LIMIT	544285	16.604	510795	20.827	573980	23.774
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.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020190 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BM048279.D Time Analyzed: 08:51

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.20908e+01	17.104	1.00631e+01	21.327	1.08227e+01	24.274
UPPER LIMIT	2418160	17.604	2012620	21.827	2164540	24.774
LOWER LIMIT	604540	16.604	503155	20.827	541135	23.774
EPA SAMPLE NO.						
01 SBLK388	905231	17.10	759432	21.33	826873	24.28
02 SBLK417	1.09357	17.10	823670	21.33	859046	24.27
03 GCNZ6	858344	17.10	724576	21.33	811583	24.27
04 XA108	732433	17.10	620497	21.33	654633	24.27
05 XA108DL	1.09851	17.10	847831	21.33	882561	24.27
06 GCNX7	1.11573	17.10	887542	21.33	947787	24.27
07 GCNX8	843615	17.10	725867	21.33	799964	24.27
08 A4EA1	887918	17.10	740857	21.33	874967	24.27
09 A4EA1DL	1.02668	17.10	862954	21.33	947810	24.27
10 A4E61	766941	17.10	576912	21.33	671015	24.27
11 A4E61DL	955351	17.10	832050	21.33	895822	24.27

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 LOWER 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.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020191 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BM048291.D Time Analyzed: 18:04

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.04521e+0	17.098	862033	21.321	923377	24.268
	UPPER LIMIT	2090420	17.598	1724066	21.821	1846754	24.768
	LOWER LIMIT	522605	16.598	431016.5	20.821	461688.5	23.768
	EPA SAMPLE NO.						
01	SBLK416	844644	17.10	672013	21.33	748925	24.27
02	SBLK419	836029	17.10	712546	21.33	793462	24.27
03	SVOC-GPC-BLANK	788229	17.10	693331	21.33	768864	24.27
04	SVOC-GPC2-BLANK	787307	17.10	718070	21.33	800389	24.27
05	A4EC1	833156	17.10	759467	21.32	876576	24.27
06	F7H48	1.12844	17.10	857945	21.33	905693	24.27
07	A4F25	712993	17.10	654120	21.32	739018	24.26
08	A4F27	733209	17.10	663062	21.32	735027	24.26
09	A4EQ6	857802	17.10	790294	21.32	871929	24.26
10	A4EY1	844873	17.10	729095	21.32	797810	24.26
11	E1L51	1.03195	17.10	902299	21.32	1.00579e+	24.27
12	E1L52	935237	17.10	822539	21.32	927387	24.26
13	E1L92	865040	17.10	735064	21.32	824261	24.26
14	E1L92MS	1.04337	17.10	874962	21.32	948801	24.26
15	SLCS417	819874	17.10	707439	21.32	759193	24.26

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020191 Date Analyzed: Oct 30 2024 12:00AM

Lab File ID: BM048291.D Time Analyzed: 03:13

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	1.04521e+04	17.098	862033	21.321	923377	24.268
UPPER LIMIT	2090420	17.598	1724066	21.821	1846754	24.768
LOWER LIMIT	522605	16.598	431016.5	20.821	461688.5	23.768
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.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020192 Date Analyzed: Oct 30 2024 12:00AM

Lab File ID: BM048307.D Time Analyzed: 05:11

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.24018e+01	17.098	1.04478e+01	21.321	1.10824e+01	24.262
UPPER LIMIT	2480360	17.598	2089560	21.821	2216480	24.762
LOWER LIMIT	620090	16.598	522390	20.821	554120	23.762
EPA SAMPLE NO.						
01 SBLK512	1.04314	17.10	843076	21.32	941584	24.27
02 SBLK514	969108	17.10	811425	21.32	899797	24.26
03 E1L92MSD	1.0834e	17.10	939437	21.32	1.0229e+0	24.27
04 E1L62	884562	17.10	727448	21.32	812391	24.27

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.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits		RPD
								Qual		High		
PB164417BS	1,4-Dioxane	16	15	ug/L	94				0		0	
	Benzaldehyde	40	6.8	ug/L	17				0		0	
	Pyridine	40	39	ug/L	98				0		0	
	Phenol	40	40	ug/L	100				0		0	
	Bis(2-chloroethyl)ether	40	38	ug/L	95				0		0	
	2-Chlorophenol	40	41	ug/L	103				0		0	
	2-Methylphenol	40	39	ug/L	98				0		0	
	2,2-oxybis(1-Chloropropane)	40	39	ug/L	98				0		0	
	Acetophenone	40	39	ug/L	98				0		0	
	4-Methylphenol	40	40	ug/L	100				0		0	
	N-Nitroso-di-n-propylamine	40	38	ug/L	95				0		0	
	Hexachloroethane	40	40	ug/L	100				0		0	
	Nitrobenzene	40	39	ug/L	98				0		0	
	Isophorone	40	38	ug/L	95				0		0	
	2-Nitrophenol	40	40	ug/L	100				0		0	
	2,4-Dimethylphenol	40	36	ug/L	90				0		0	
	Bis(2-chloroethoxy)methane	40	38	ug/L	95				0		0	
	2,4-Dichlorophenol	40	40	ug/L	100				0		0	
	Naphthalene	40	39	ug/L	98				0		0	
	4-Chloroaniline	40	20	ug/L	50				0		0	
	Hexachlorobutadiene	40	39	ug/L	98				0		0	
	Caprolactam	40	35	ug/L	88				0		0	
	4-Chloro-3-methylphenol	40	38	ug/L	95				0		0	
	1-Methylnaphthalene	40	37	ug/L	93				0		0	
	2-Methylnaphthalene	40	38	ug/L	95				0		0	
	Hexachlorocyclopentadiene	40	33	ug/L	83				0		0	
	2,4,6-Trichlorophenol	40	40	ug/L	100				0		0	
	2,4,5-Trichlorophenol	40	40	ug/L	100				0		0	
	1,1'-Biphenyl	40	39	ug/L	98				0		0	
	2-Chloronaphthalene	40	39	ug/L	98				0		0	
	2-Nitroaniline	40	39	ug/L	98				0		0	
	Dimethylphthalate	40	37	ug/L	93				0		0	
	2,6-Dinitrotoluene	40	39	ug/L	98				0		0	
	Acenaphthylene	40	39	ug/L	98				0		0	
	3-Nitroaniline	40	34	ug/L	85				0		0	
	Acenaphthene	40	38	ug/L	95				0		0	
	2,4-Dinitrophenol	40	31	ug/L	78				0		0	
	4-Nitrophenol	40	36	ug/L	90				0		0	
	Dibenzofuran	40	38	ug/L	95				0		0	
	2,4-Dinitrotoluene	40	38	ug/L	95				0		0	
	Diethylphthalate	40	37	ug/L	93				0		0	
	Fluorene	40	38	ug/L	95				0		0	
	4-Chlorophenyl-phenylether	40	38	ug/L	95				0		0	
	4-Nitroaniline	40	44	ug/L	110				0		0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164417BS	4,6-Dinitro-2-methylphenol	40	37	ug/L	93					0	0	
	N-Nitrosodiphenylamine	40	40	ug/L	100					0	0	
	1,2,4,5-Tetrachlorobenzene	40	39	ug/L	98					0	0	
	4-Bromophenyl-phenylether	40	40	ug/L	100					0	0	
	Hexachlorobenzene	40	39	ug/L	98					0	0	
	Atrazine	40	40	ug/L	100					0	0	
	Pentachlorophenol	40	39	ug/L	98					0	0	
	Phenanthrene	40	39	ug/L	98					0	0	
	Pentachlorobenzene	40	38	ug/L	95					0	0	
	Anthracene	40	39	ug/L	98					0	0	
	1,2,3,4-Tetrachlorobenzene	40	40	ug/L	100					0	0	
	Carbazole	40	40	ug/L	100					0	0	
	Di-n-butylphthalate	40	39	ug/L	98					0	0	
	Fluoranthene	40	39	ug/L	98					0	0	
	Pyrene	40	39	ug/L	98					0	0	
	Butylbenzylphthalate	40	40	ug/L	100					0	0	
	3,3'-Dichlorobenzidine	40	36	ug/L	90					0	0	
	Benzo(a)anthracene	40	39	ug/L	98					0	0	
	Chrysene	40	39	ug/L	98					0	0	
	Bis(2-ethylhexyl)phthalate	40	42	ug/L	105					0	0	
	Di-n-octylphthalate	40	39	ug/L	98					0	0	
	Benzo(b)fluoranthene	40	40	ug/L	100					0	0	
	Benzo(k)fluoranthene	40	39	ug/L	98					0	0	
	Benzo(a)pyrene	40	40	ug/L	100					0	0	
	Indeno(1,2,3-cd)pyrene	40	42	ug/L	105					0	0	
	Dibenzo(a,h)anthracene	40	43	ug/L	108					0	0	
	Benzo(g,h,i)perylene	40	43	ug/L	108					0	0	
	2,3,4,6-Tetrachlorophenol	40	38	ug/L	95					0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BM102824**

Client:

Analytical Method: **SFAM_SVOC**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD			Limits		
						RPD	Qual	Qual	Low	High	RPD
PB164422BS	1,4-Dioxane	16	11	ug/L	69				0	0	
	Benzaldehyde	40	4.5	ug/L	11				0	0	
	Pyridine	40	27	ug/L	68				0	0	
	Phenol	40	28	ug/L	70				0	0	
	Bis(2-chloroethyl)ether	40	26	ug/L	65				0	0	
	2-Chlorophenol	40	28	ug/L	70				0	0	
	2-Methylphenol	40	27	ug/L	68				0	0	
	2,2-oxybis(1-Chloropropane)	40	26	ug/L	65				0	0	
	Acetophenone	40	27	ug/L	68				0	0	
	4-Methylphenol	40	28	ug/L	70				0	0	
	N-Nitroso-di-n-propylamine	40	26	ug/L	65				0	0	
	Hexachloroethane	40	27	ug/L	68				0	0	
	Nitrobenzene	40	27	ug/L	68				0	0	
	Isophorone	40	26	ug/L	65				0	0	
	2-Nitrophenol	40	27	ug/L	68				0	0	
	2,4-Dimethylphenol	40	26	ug/L	65				0	0	
	Bis(2-chloroethoxy)methane	40	26	ug/L	65				0	0	
	2,4-Dichlorophenol	40	28	ug/L	70				0	0	
	Naphthalene	40	27	ug/L	68				0	0	
	4-Chloroaniline	40	14	ug/L	35				0	0	
	Hexachlorobutadiene	40	27	ug/L	68				0	0	
	Caprolactam	40	26	ug/L	65				0	0	
	4-Chloro-3-methylphenol	40	27	ug/L	68				0	0	
	1-Methylnaphthalene	40	26	ug/L	65				0	0	
	2-Methylnaphthalene	40	27	ug/L	68				0	0	
	Hexachlorocyclopentadiene	40	22	ug/L	55				0	0	
	2,4,6-Trichlorophenol	40	27	ug/L	68				0	0	
	2,4,5-Trichlorophenol	40	28	ug/L	70				0	0	
	1,1'-Biphenyl	40	26	ug/L	65				0	0	
	2-Chloronaphthalene	40	27	ug/L	68				0	0	
	2-Nitroaniline	40	27	ug/L	68				0	0	
	Dimethylphthalate	40	26	ug/L	65				0	0	
	2,6-Dinitrotoluene	40	27	ug/L	68				0	0	
	Acenaphthylene	40	27	ug/L	68				0	0	
	3-Nitroaniline	40	24	ug/L	60				0	0	
	Acenaphthene	40	26	ug/L	65				0	0	
	2,4-Dinitrophenol	40	25	ug/L	63				0	0	
	4-Nitrophenol	40	27	ug/L	68				0	0	
	Dibenzofuran	40	27	ug/L	68				0	0	
	2,4-Dinitrotoluene	40	28	ug/L	70				0	0	
	Diethylphthalate	40	27	ug/L	68				0	0	
	Fluorene	40	27	ug/L	68				0	0	
	4-Chlorophenyl-phenylether	40	27	ug/L	68				0	0	
	4-Nitroaniline	40	33	ug/L	83				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164422BS	4,6-Dinitro-2-methylphenol	40	27	ug/L	68				0	0		
	N-Nitrosodiphenylamine	40	27	ug/L	68				0	0		
	1,2,4,5-Tetrachlorobenzene	40	26	ug/L	65				0	0		
	4-Bromophenyl-phenylether	40	26	ug/L	65				0	0		
	Hexachlorobenzene	40	26	ug/L	65				0	0		
	Atrazine	40	28	ug/L	70				0	0		
	Pentachlorophenol	40	27	ug/L	68				0	0		
	Phenanthrene	40	27	ug/L	68				0	0		
	Pentachlorobenzene	40	25	ug/L	63				0	0		
	Anthracene	40	27	ug/L	68				0	0		
	1,2,3,4-Tetrachlorobenzene	40	25	ug/L	63				0	0		
	Carbazole	40	29	ug/L	73				0	0		
	Di-n-butylphthalate	40	28	ug/L	70				0	0		
	Fluoranthene	40	26	ug/L	65				0	0		
	Pyrene	40	26	ug/L	65				0	0		
	Butylbenzylphthalate	40	27	ug/L	68				0	0		
	3,3'-Dichlorobenzidine	40	26	ug/L	65				0	0		
	Benzo(a)anthracene	40	27	ug/L	68				0	0		
	Chrysene	40	27	ug/L	68				0	0		
	Bis(2-ethylhexyl)phthalate	40	28	ug/L	70				0	0		
	Di-n-octylphthalate	40	26	ug/L	65				0	0		
	Benzo(b)fluoranthene	40	27	ug/L	68				0	0		
	Benzo(k)fluoranthene	40	27	ug/L	68				0	0		
	Benzo(a)pyrene	40	28	ug/L	70				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	30	ug/L	75				0	0		
	2,3,4,6-Tetrachlorophenol	40	28	ug/L	70				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164423BS	1,4-Dioxane	16	11	ug/L	69				0	0	
	Benzaldehyde	40	4.9	ug/L	12				0	0	
	Pyridine	40	30	ug/L	75				0	0	
	Phenol	40	32	ug/L	80				0	0	
	Bis(2-chloroethyl)ether	40	30	ug/L	75				0	0	
	2-Chlorophenol	40	32	ug/L	80				0	0	
	2-Methylphenol	40	31	ug/L	78				0	0	
	2,2-oxybis(1-Chloropropane)	40	30	ug/L	75				0	0	
	Acetophenone	40	30	ug/L	75				0	0	
	4-Methylphenol	40	31	ug/L	78				0	0	
	N-Nitroso-di-n-propylamine	40	29	ug/L	73				0	0	
	Hexachloroethane	40	30	ug/L	75				0	0	
	Nitrobenzene	40	29	ug/L	73				0	0	
	Isophorone	40	29	ug/L	73				0	0	
	2-Nitrophenol	40	30	ug/L	75				0	0	
	2,4-Dimethylphenol	40	28	ug/L	70				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	29	ug/L	73				0	0	
	4-Chloroaniline	40	16	ug/L	40				0	0	
	Hexachlorobutadiene	40	29	ug/L	73				0	0	
	Caprolactam	40	27	ug/L	68				0	0	
	4-Chloro-3-methylphenol	40	30	ug/L	75				0	0	
	1-Methylnaphthalene	40	28	ug/L	70				0	0	
	2-Methylnaphthalene	40	29	ug/L	73				0	0	
	Hexachlorocyclopentadiene	40	26	ug/L	65				0	0	
	2,4,6-Trichlorophenol	40	31	ug/L	78				0	0	
	2,4,5-Trichlorophenol	40	31	ug/L	78				0	0	
	1,1'-Biphenyl	40	30	ug/L	75				0	0	
	2-Chloronaphthalene	40	30	ug/L	75				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	28	ug/L	70				0	0	
	Acenaphthene	40	29	ug/L	73				0	0	
	2,4-Dinitrophenol	40	26	ug/L	65				0	0	
	4-Nitrophenol	40	27	ug/L	68				0	0	
	Dibenzofuran	40	29	ug/L	73				0	0	
	2,4-Dinitrotoluene	40	29	ug/L	73				0	0	
	Diethylphthalate	40	28	ug/L	70				0	0	
	Fluorene	40	28	ug/L	70				0	0	
	4-Chlorophenyl-phenylether	40	28	ug/L	70				0	0	
	4-Nitroaniline	40	33	ug/L	83				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164423BS	4,6-Dinitro-2-methylphenol	40	30	ug/L	75				0	0	
	N-Nitrosodiphenylamine	40	31	ug/L	78				0	0	
	1,2,4,5-Tetrachlorobenzene	40	30	ug/L	75				0	0	
	4-Bromophenyl-phenylether	40	30	ug/L	75				0	0	
	Hexachlorobenzene	40	29	ug/L	73				0	0	
	Atrazine	40	31	ug/L	78				0	0	
	Pentachlorophenol	40	30	ug/L	75				0	0	
	Phenanthrene	40	29	ug/L	73				0	0	
	Pentachlorobenzene	40	30	ug/L	75				0	0	
	Anthracene	40	30	ug/L	75				0	0	
	1,2,3,4-Tetrachlorobenzene	40	31	ug/L	78				0	0	
	Carbazole	40	30	ug/L	75				0	0	
	Di-n-butylphthalate	40	30	ug/L	75				0	0	
	Fluoranthene	40	32	ug/L	80				0	0	
	Pyrene	40	31	ug/L	78				0	0	
	Butylbenzylphthalate	40	31	ug/L	78				0	0	
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0	
	Benzo(a)anthracene	40	30	ug/L	75				0	0	
	Chrysene	40	30	ug/L	75				0	0	
	Bis(2-ethylhexyl)phthalate	40	31	ug/L	78				0	0	
	Di-n-octylphthalate	40	30	ug/L	75				0	0	
	Benzo(b)fluoranthene	40	31	ug/L	78				0	0	
	Benzo(k)fluoranthene	40	31	ug/L	78				0	0	
	Benzo(a)pyrene	40	31	ug/L	78				0	0	
	Indeno(1,2,3-cd)pyrene	40	33	ug/L	83				0	0	
	Dibenzo(a,h)anthracene	40	33	ug/L	83				0	0	
	Benzo(g,h,i)perylene	40	33	ug/L	83				0	0	
	2,3,4,6-Tetrachlorophenol	40	29	ug/L	73				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK388

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102824

SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048280.D

Lab Sample ID: PB164388BL

Instrument ID: BNA_M

Date Extracted: 10/24/2024

Matrix: (soil/water) Water

Date Analyzed: 10/29/2024

Level: (low/med) LOW

Time Analyzed: 08:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
GCNZ6	P4532-18	BM048282.D	10/29/2024
GCNX7	P4532-16	BM048285.D	10/29/2024
GCNX8	P4532-17	BM048286.D	10/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK389

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102824

SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048265.D

Lab Sample ID: PB164389BL

Instrument ID: BNA_M

Date Extracted: 10/24/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/28/2024

Level: (low/med) LOW

Time Analyzed: 21:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
F7H16	P4529-07	BM048266.D	10/28/2024
F7H17	P4529-08	BM048267.D	10/28/2024
F7H25	P4529-10	BM048268.D	10/28/2024
F7H21	P4529-11	BM048269.D	10/29/2024
F7H22	P4529-12	BM048270.D	10/29/2024
F7H23	P4529-13	BM048271.D	10/29/2024
F7H35	P4529-14	BM048272.D	10/29/2024
F7H36	P4529-15	BM048273.D	10/29/2024
F7H37	P4529-16	BM048274.D	10/29/2024
F7H45	P4529-17	BM048275.D	10/29/2024
F7H46	P4529-18	BM048276.D	10/29/2024
F7H47	P4529-19	BM048277.D	10/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK416

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102824

SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048292.D

Lab Sample ID: PB164416BL

Instrument ID: BNA_M

Date Extracted: 10/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/29/2024

Level: (low/med) LOW

Time Analyzed: 18:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4EQ6	P4492-11	BM048300.D	10/29/2024
A4EY1	P4492-15	BM048301.D	10/29/2024
A4E61	P4492-02	BM048289.D	10/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK417

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102824

SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048281.D

Lab Sample ID: PB164417BL

Instrument ID: BNA_M

Date Extracted: 10/24/2024

Matrix: (soil/water) Water

Date Analyzed: 10/29/2024

Level: (low/med) LOW

Time Analyzed: 09:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
XA108	P4476-09	BM048283.D	10/29/2024
F7H48	P4529-20	BM048297.D	10/29/2024
PB164417BS	PB164417BS	BM048306.D	10/30/2024
A4EC1	P4493-09	BM048296.D	10/29/2024
E1L62	P4534-01	BM048311.D	10/30/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK419

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102824

SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048293.D

Lab Sample ID: PB164419BL

Instrument ID: BNA_M

Date Extracted: 10/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/29/2024

Level: (low/med) LOW

Time Analyzed: 18:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4EA1	P4493-08	BM048287.D	10/29/2024
A4F25	P4493-14	BM048298.D	10/29/2024
A4F27	P4493-15	BM048299.D	10/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK422

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102824

SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048250.D

Lab Sample ID: PB164422BL

Instrument ID: BNA_M

Date Extracted: 10/25/2024

Matrix: (soil/water) Water

Date Analyzed: 10/28/2024

Level: (low/med) LOW

Time Analyzed: 11:23

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
GCNY8	P4559-13	BM048251.D	10/28/2024
GCNY9	P4559-14	BM048252.D	10/28/2024
GCNZ0	P4559-15	BM048253.D	10/28/2024
GCNZ1	P4559-16	BM048254.D	10/28/2024
GCNZ2	P4559-17	BM048255.D	10/28/2024
GCNZ3	P4559-18	BM048256.D	10/28/2024
PB164422BS	PB164422BS	BM048262.D	10/28/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK423

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102824

SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048264.D

Lab Sample ID: PB164423BL

Instrument ID: BNA_M

Date Extracted: 10/25/2024

Matrix: (soil/water) Water

Date Analyzed: 10/28/2024

Level: (low/med) LOW

Time Analyzed: 21:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1L65	P4534-05	BM048257.D	10/28/2024
E1L67	P4534-06	BM048258.D	10/28/2024
E1L78	P4534-07	BM048259.D	10/28/2024
E1L98	P4534-08	BM048260.D	10/28/2024
GCMZ4	P4559-19	BM048261.D	10/28/2024
PB164423BS	PB164423BS	BM048278.D	10/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102824

SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048294.D

Lab Sample ID: P4562-05

Instrument ID: BNA_M

Date Extracted: 10/28/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/29/2024

Level: (low/med) LOW

Time Analyzed: 19:23

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC-BLANK	P4562-05	BM048294.D	10/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102824

SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048295.D

Lab Sample ID: P4562-10

Instrument ID: BNA_M

Date Extracted: 10/28/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/29/2024

Level: (low/med) LOW

Time Analyzed: 20:02

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	P4562-10	BM048295.D	10/29/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK512

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102824

SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048308.D

Lab Sample ID: PB164512BL

Instrument ID: BNA_M

Date Extracted: 10/29/2024

Matrix: (soil/water) Water

Date Analyzed: 10/30/2024

Level: (low/med) LOW

Time Analyzed: 05:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1L92MSD	P4558-09MSD	BM048310.D	10/30/2024
E1L92	P4558-07	BM048304.D	10/30/2024
E1L92MS	P4558-08MS	BM048305.D	10/30/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK514

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM102824

SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048309.D

Lab Sample ID: PB164514BL

Instrument ID: BNA_M

Date Extracted: 10/29/2024

Matrix: (soil/water) Water

Date Analyzed: 10/30/2024

Level: (low/med) LOW

Time Analyzed: 05:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1L51	P4557-01	BM048302.D	10/30/2024
E1L52	P4557-02	BM048303.D	10/30/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4558-08MS	Client Sample ID:	E1L92MS				DataFile:	BM048305.D			
1,4-Dioxane	16		5.4	ug/L	34				15	120	
Benzaldehyde	40		24	ug/L	60				0	0	
Pyridine	40		4.7	ug/L	12				0	0	
Phenol	40		9.1	ug/L	23				12	110	
Bis(2-chloroethyl)ether	40		31	ug/L	78				0	0	
2-Chlorophenol	40		29	ug/L	73				27	123	
2-Methylphenol	40		24	ug/L	60				0	0	
2,2-oxybis(1-Chloropropane)	40		31	ug/L	78				0	0	
Acetophenone	40		33	ug/L	83				0	0	
4-Methylphenol	40		21	ug/L	52				0	0	
N-Nitroso-di-n-propylamine	40		33	ug/L	83				41	116	
Hexachloroethane	40		21	ug/L	52				0	0	
Nitrobenzene	40		33	ug/L	83				0	0	
Isophorone	40		33	ug/L	83				0	0	
2-Nitrophenol	40		33	ug/L	83				0	0	
2,4-Dimethylphenol	40		31	ug/L	78				0	0	
Bis(2-chloroethoxy)methane	40		32	ug/L	80				0	0	
2,4-Dichlorophenol	40		33	ug/L	83				0	0	
Naphthalene	40		29	ug/L	73				0	0	
4-Chloroaniline	40		11	ug/L	28				0	0	
Hexachlorobutadiene	40		24	ug/L	60				0	0	
Caprolactam	40		4.7	ug/L	12				0	0	
4-Chloro-3-methylphenol	40		32	ug/L	80				23	97	
1-Methylnaphthalene	40		30	ug/L	75				0	0	
2-Methylnaphthalene	40		31	ug/L	78				0	0	
Hexachlorocyclopentadiene	40		22	ug/L	55				0	0	
2,4,6-Trichlorophenol	40		36	ug/L	90				0	0	
2,4,5-Trichlorophenol	40		37	ug/L	93				0	0	
1,1'-Biphenyl	40		34	ug/L	85				0	0	
2-Chloronaphthalene	40		34	ug/L	85				0	0	
2-Nitroaniline	40		37	ug/L	93				0	0	
Dimethylphthalate	40		36	ug/L	90				0	0	
2,6-Dinitrotoluene	40		38	ug/L	95				0	0	
Acenaphthylene	40		35	ug/L	88				0	0	
3-Nitroaniline	40		30	ug/L	75				0	0	
Acenaphthene	40		35	ug/L	88				46	118	
2,4-Dinitrophenol	40		33	ug/L	83				0	0	
4-Nitrophenol	40		9	ug/L	23				10	80	
Dibenzofuran	40		36	ug/L	90				0	0	
2,4-Dinitrotoluene	40		37	ug/L	93				24	96	
Diethylphthalate	40		37	ug/L	93				0	0	
Fluorene	40		36	ug/L	90				0	0	
4-Chlorophenyl-phenylether	40		36	ug/L	90				0	0	
4-Nitroaniline	40		39	ug/L	98				0	0	
4,6-Dinitro-2-methylphenol	40		37	ug/L	93				0	0	
N-Nitrosodiphenylamine	40		38	ug/L	95				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	40		33	ug/L	83				0	0	
4-Bromophenyl-phenylether	40		38	ug/L	95				0	0	
Hexachlorobenzene	40		37	ug/L	93				0	0	
Atrazine	40		25	ug/L	63				0	0	
Pentachlorophenol	40		37	ug/L	93				9	103	
Phenanthrene	40		38	ug/L	95				0	0	
Pentachlorobenzene	40		35	ug/L	88				0	0	
Anthracene	40		38	ug/L	95				0	0	
1,2,3,4-Tetrachlorobenzene	40		35	ug/L	88				0	0	
Carbazole	40		39	ug/L	98				0	0	
Di-n-butylphthalate	40		39	ug/L	98				0	0	
Fluoranthene	40		39	ug/L	98				0	0	
Pyrene	40		39	ug/L	98				26	127	
Butylbenzylphthalate	40		41	ug/L	103				0	0	
3,3'-Dichlorobenzidine	40		23	ug/L	58				0	0	
Benzo(a)anthracene	40		38	ug/L	95				0	0	
Chrysene	40		38	ug/L	95				0	0	
Bis(2-ethylhexyl)phthalate	40		42	ug/L	105				0	0	
Di-n-octylphthalate	40		39	ug/L	98				0	0	
Benzo(b)fluoranthene	40		39	ug/L	98				0	0	
Benzo(k)fluoranthene	40		39	ug/L	98				0	0	
Benzo(a)pyrene	40		39	ug/L	98				0	0	
Indeno(1,2,3-cd)pyrene	40		42	ug/L	105				0	0	
Dibenzo(a,h)anthracene	40		43	ug/L	108				0	0	
Benzo(g,h,i)perylene	40		42	ug/L	105				0	0	
2,3,4,6-Tetrachlorophenol	40		36	ug/L	90				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4558-09MSD	Client Sample ID:	E1L92MSD					DataFile:	BM048310.D		
1,4-Dioxane	16.2		5.1	ug/L	31		9		15	120	50
Benzaldehyde	40.4		24	ug/L	59		2	*	0	0	0
Pyridine	40.4		4.4	ug/L	11		9	*	0	0	0
Phenol	40.4		8.9	ug/L	22		4		12	110	42
Bis(2-chloroethyl)ether	40.4		31	ug/L	77		1	*	0	0	0
2-Chlorophenol	40.4		29	ug/L	72		1		27	123	40
2-Methylphenol	40.4		23	ug/L	57		5	*	0	0	0
2,2-oxybis(1-Chloropropane)	40.4		31	ug/L	77		1	*	0	0	0
Acetophenone	40.4		32	ug/L	79		5	*	0	0	0
4-Methylphenol	40.4		20	ug/L	50		4	*	0	0	0
N-Nitroso-di-n-propylamine	40.4		32	ug/L	79		5		41	116	38
Hexachloroethane	40.4		21	ug/L	52		0		0	0	0
Nitrobenzene	40.4		32	ug/L	79		5	*	0	0	0
Isophorone	40.4		32	ug/L	79		5	*	0	0	0
2-Nitrophenol	40.4		33	ug/L	82		1	*	0	0	0
2,4-Dimethylphenol	40.4		30	ug/L	74		5	*	0	0	0
Bis(2-chloroethoxy)methane	40.4		32	ug/L	79		1	*	0	0	0
2,4-Dichlorophenol	40.4		32	ug/L	79		5	*	0	0	0
Naphthalene	40.4		28	ug/L	69		6	*	0	0	0
4-Chloroaniline	40.4		11	ug/L	27		4	*	0	0	0
Hexachlorobutadiene	40.4		23	ug/L	57		5	*	0	0	0
Caprolactam	40.4		4.5	ug/L	11		9	*	0	0	0
4-Chloro-3-methylphenol	40.4		31	ug/L	77		4		23	97	42
1-Methylnaphthalene	40.4		30	ug/L	74		1	*	0	0	0
2-Methylnaphthalene	40.4		30	ug/L	74		5	*	0	0	0
Hexachlorocyclopentadiene	40.4		22	ug/L	54		2	*	0	0	0
2,4,6-Trichlorophenol	40.4		36	ug/L	89		1	*	0	0	0
2,4,5-Trichlorophenol	40.4		37	ug/L	92		1	*	0	0	0
1,1'-Biphenyl	40.4		34	ug/L	84		1	*	0	0	0
2-Chloronaphthalene	40.4		34	ug/L	84		1	*	0	0	0
2-Nitroaniline	40.4		37	ug/L	92		1	*	0	0	0
Dimethylphthalate	40.4		36	ug/L	89		1	*	0	0	0
2,6-Dinitrotoluene	40.4		37	ug/L	92		3	*	0	0	0
Acenaphthylene	40.4		34	ug/L	84		5	*	0	0	0
3-Nitroaniline	40.4		30	ug/L	74		1	*	0	0	0
Acenaphthene	40.4		35	ug/L	87		1		46	118	31
2,4-Dinitrophenol	40.4		33	ug/L	82		1	*	0	0	0
4-Nitrophenol	40.4		8.8	ug/L	22		4		10	80	50
Dibenzofuran	40.4		35	ug/L	87		3	*	0	0	0
2,4-Dinitrotoluene	40.4		37	ug/L	92		1		24	96	38
Diethylphthalate	40.4		36	ug/L	89		4	*	0	0	0
Fluorene	40.4		35	ug/L	87		3	*	0	0	0
4-Chlorophenyl-phenylether	40.4		35	ug/L	87		3	*	0	0	0
4-Nitroaniline	40.4		40	ug/L	99		1	*	0	0	0
4,6-Dinitro-2-methylphenol	40.4		37	ug/L	92		1	*	0	0	0
N-Nitrosodiphenylamine	40.4		38	ug/L	94		1	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	40.4		33	ug/L	82	1	*		0	0	0
4-Bromophenyl-phenylether	40.4		38	ug/L	94	1	*		0	0	0
Hexachlorobenzene	40.4		37	ug/L	92	1	*		0	0	0
Atrazine	40.4		24	ug/L	59	7	*		0	0	0
Pentachlorophenol	40.4		37	ug/L	92	1			9	103	50
Phenanthrene	40.4		38	ug/L	94	1	*		0	0	0
Pentachlorobenzene	40.4		35	ug/L	87	1	*		0	0	0
Anthracene	40.4		38	ug/L	94	1	*		0	0	0
1,2,3,4-Tetrachlorobenzene	40.4		35	ug/L	87	1	*		0	0	0
Carbazole	40.4		39	ug/L	97	1	*		0	0	0
Di-n-butylphthalate	40.4		39	ug/L	97	1	*		0	0	0
Fluoranthene	40.4		38	ug/L	94	4	*		0	0	0
Pyrene	40.4		38	ug/L	94	4			26	127	31
Butylbenzylphthalate	40.4		41	ug/L	101	2	*		0	0	0
3,3'-Dichlorobenzidine	40.4		23	ug/L	57	2	*		0	0	0
Benzo(a)anthracene	40.4		38	ug/L	94	1	*		0	0	0
Chrysene	40.4		38	ug/L	94	1	*		0	0	0
Bis(2-ethylhexyl)phthalate	40.4		41	ug/L	101	4	*		0	0	0
Di-n-octylphthalate	40.4		39	ug/L	97	1	*		0	0	0
Benzo(b)fluoranthene	40.4		39	ug/L	97	1	*		0	0	0
Benzo(k)fluoranthene	40.4		39	ug/L	97	1	*		0	0	0
Benzo(a)pyrene	40.4		39	ug/L	97	1	*		0	0	0
Indeno(1,2,3-cd)pyrene	40.4		42	ug/L	104	1	*		0	0	0
Dibenzo(a,h)anthracene	40.4		43	ug/L	106	2	*		0	0	0
Benzo(g,h,i)perylene	40.4		43	ug/L	106	1	*		0	0	0
2,3,4,6-Tetrachlorophenol	40.4		36	ug/L	89	1	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4532-16	GCNX7	BM048285.D	1,4-Dioxane-d8	8	5.34	67		15	120
			Pyridine-d5	40	9.57	24		20	120
			Phenol-d5	40	8.38	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.23	76		25	120
			2-Chlorophenol-d4	40	27.58	69		20	130
			4-Methylphenol-d8	40	19.92	50		25	125
			Nitrobenzene-d5	40	29.02	73		20	125
			2-Nitrophenol-d4	40	30.65	77		20	130
			2,4-Dichlorophenol-d3	40	29.77	74		20	120
			4-Chloroaniline-d4	40	23.74	59		1	146
			Dimethylphthalate-d6	40	33.04	83		25	130
			Acenaphthylene-d8	40	31.74	79		10	130
			4-Nitrophenol-d4	40	6.58	16		10	150
			Fluorene-d10	40	33.41	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.58	74		10	130
			Anthracene-d10	40	35.94	90		25	130
			Pyrene-d10	40	38.45	96		15	130
			Benzo(a)pyrene-d12	40	36.73	92		20	130
P4532-17	GCNX8	BM048286.D	1,4-Dioxane-d8	8	6.16	77		15	120
			Pyridine-d5	40	9.36	23		20	120
			Phenol-d5	40	8.95	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.98	87		25	120
			2-Chlorophenol-d4	40	30.41	76		20	130
			4-Methylphenol-d8	40	20.07	50		25	125
			Nitrobenzene-d5	40	33.87	85		20	125
			2-Nitrophenol-d4	40	34.03	85		20	130
			2,4-Dichlorophenol-d3	40	31.29	78		20	120
			4-Chloroaniline-d4	40	26.49	66		1	146
			Dimethylphthalate-d6	40	36.66	92		25	130
			Acenaphthylene-d8	40	36.19	90		10	130
			4-Nitrophenol-d4	40	5.28	13		10	150
			Fluorene-d10	40	36.71	92		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.49	71		10	130
			Anthracene-d10	40	38.51	96		25	130
			Pyrene-d10	40	39.23	98		15	130
			Benzo(a)pyrene-d12	40	39.49	99		20	130
P4532-18	GCNZ6	BM048282.D	1,4-Dioxane-d8	8	6.48	81		15	120
			Pyridine-d5	40	32.95	82		20	120
			Phenol-d5	40	34.12	85		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.16	88		25	120
			2-Chlorophenol-d4	40	34.68	87		20	130
			4-Methylphenol-d8	40	34.02	85		25	125
			Nitrobenzene-d5	40	35.16	88		20	125
			2-Nitrophenol-d4	40	34.96	87		20	130
			2,4-Dichlorophenol-d3	40	32.41	81		20	120
			4-Chloroaniline-d4	40	35.36	88		1	146
			Dimethylphthalate-d6	40	37.35	93		25	130
			Acenaphthylene-d8	40	36.77	92		10	130
			4-Nitrophenol-d4	40	26.35	66		10	150

Surrogate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4532-18	GCNZ6	BM048282.D	Fluorene-d10	40	37.60	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.31	76		10	130
			Anthracene-d10	40	40.57	101		25	130
			Pyrene-d10	40	40.47	101		15	130
			Benzo(a)pyrene-d12	40	41.72	104		20	130
PB164388BL	PB164388BL	BM048280.D	1,4-Dioxane-d8	8	6.67	83		15	120
			Pyridine-d5	40	31.98	80		20	120
			Phenol-d5	40	30.95	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.54	81		25	120
			2-Chlorophenol-d4	40	32.85	82		20	130
			4-Methylphenol-d8	40	30.84	77		25	125
			Nitrobenzene-d5	40	31.84	80		20	125
			2-Nitrophenol-d4	40	31.68	79		20	130
			2,4-Dichlorophenol-d3	40	28.31	71		20	120
			4-Chloroaniline-d4	40	30.83	77		1	146
			Dimethylphthalate-d6	40	31.97	80		25	130
			Acenaphthylene-d8	40	32.68	82		10	130
			4-Nitrophenol-d4	40	21.34	53		10	150
			Fluorene-d10	40	32.14	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.98	60		10	130
			Anthracene-d10	40	33.70	84		25	130
			Pyrene-d10	40	34.01	85		15	130
			Benzo(a)pyrene-d12	40	33.69	84		20	130

Surrogate Summary

SW-846

SDG No.: **BM102824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4529-07	F7H16	BM048266.D	1,4-Dioxane-d8	8	3.61	45		15	120
			Pyridine-d5	40	17.45	44		20	120
			Phenol-d5	40	17.99	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.89	47		10	150
			2-Chlorophenol-d4	40	18.52	46		15	120
			4-Methylphenol-d8	40	18.49	46		10	140
			Nitrobenzene-d5	40	18.24	46		10	135
			2-Nitrophenol-d4	40	18.48	46		10	120
			2,4-Dichlorophenol-d3	40	17.57	44		10	140
			4-Chloroaniline-d4	40	17.82	45		1	145
			Dimethylphthalate-d6	40	19.84	50		10	145
			Acenaphthylene-d8	40	19.41	49		15	120
			4-Nitrophenol-d4	40	10.68	27		10	150
			Fluorene-d10	40	20.05	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.13	30		10	130
			Anthracene-d10	40	20.32	51		10	150
			Pyrene-d10	40	21.72	54		10	130
			Benzo(a)pyrene-d12	40	20.33	51		10	140
P4529-08	F7H17	BM048267.D	1,4-Dioxane-d8	8	3.85	48		15	120
			Pyridine-d5	40	15.56	39		20	120
			Phenol-d5	40	18.88	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.18	50		10	150
			2-Chlorophenol-d4	40	20.11	50		15	120
			4-Methylphenol-d8	40	18.94	47		10	140
			Nitrobenzene-d5	40	20.07	50		10	135
			2-Nitrophenol-d4	40	19.78	49		10	120
			2,4-Dichlorophenol-d3	40	18.93	47		10	140
			4-Chloroaniline-d4	40	18.60	47		1	145
			Dimethylphthalate-d6	40	20.96	52		10	145
			Acenaphthylene-d8	40	21.04	53		15	120
			4-Nitrophenol-d4	40	9.43	24		10	150
			Fluorene-d10	40	21.59	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.08	28		10	130
			Anthracene-d10	40	21.70	54		10	150
			Pyrene-d10	40	21.58	54		10	130
			Benzo(a)pyrene-d12	40	21.58	54		10	140
P4529-10	F7H25	BM048268.D	1,4-Dioxane-d8	8	3.90	49		15	120
			Pyridine-d5	40	15.92	40		20	120
			Phenol-d5	40	18.55	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.14	50		10	150
			2-Chlorophenol-d4	40	19.61	49		15	120
			4-Methylphenol-d8	40	19.04	48		10	140
			Nitrobenzene-d5	40	19.74	49		10	135
			2-Nitrophenol-d4	40	19.57	49		10	120
			2,4-Dichlorophenol-d3	40	18.22	46		10	140
			4-Chloroaniline-d4	40	18.72	47		1	145
			Dimethylphthalate-d6	40	20.93	52		10	145
			Acenaphthylene-d8	40	20.73	52		15	120
			4-Nitrophenol-d4	40	12.31	31		10	150

Surrogate Summary

SW-846

SDG No.: **BM102824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4529-10	F7H25	BM048268.D	Fluorene-d10	40	21.31	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.56	34		10	130
			Anthracene-d10	40	21.73	54		10	150
			Pyrene-d10	40	22.30	56		10	130
			Benzo(a)pyrene-d12	40	21.77	54		10	140
P4529-11	F7H21	BM048269.D	1,4-Dioxane-d8	8	3.21	40		15	120
			Pyridine-d5	40	9.30	23		20	120
			Phenol-d5	40	16.37	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.32	43		10	150
			2-Chlorophenol-d4	40	17.06	43		15	120
			4-Methylphenol-d8	40	16.83	42		10	140
			Nitrobenzene-d5	40	16.80	42		10	135
			2-Nitrophenol-d4	40	16.89	42		10	120
			2,4-Dichlorophenol-d3	40	16.27	41		10	140
			4-Chloroaniline-d4	40	16.00	40		1	145
			Dimethylphthalate-d6	40	18.54	46		10	145
			Acenaphthylene-d8	40	18.32	46		15	120
			4-Nitrophenol-d4	40	10.65	27		10	150
			Fluorene-d10	40	19.03	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.24	31		10	130
			Anthracene-d10	40	19.10	48		10	150
			Pyrene-d10	40	19.66	49		10	130
			Benzo(a)pyrene-d12	40	19.45	49		10	140
P4529-12	F7H22	BM048270.D	1,4-Dioxane-d8	8	3.92	49		15	120
			Pyridine-d5	40	13.04	33		20	120
			Phenol-d5	40	18.95	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.12	50		10	150
			2-Chlorophenol-d4	40	19.89	50		15	120
			4-Methylphenol-d8	40	19.32	48		10	140
			Nitrobenzene-d5	40	19.20	48		10	135
			2-Nitrophenol-d4	40	19.09	48		10	120
			2,4-Dichlorophenol-d3	40	17.65	44		10	140
			4-Chloroaniline-d4	40	18.14	45		1	145
			Dimethylphthalate-d6	40	21.04	53		10	145
			Acenaphthylene-d8	40	21.12	53		15	120
			4-Nitrophenol-d4	40	11.70	29		10	150
			Fluorene-d10	40	21.12	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.77	34		10	130
			Anthracene-d10	40	21.77	54		10	150
			Pyrene-d10	40	22.18	55		10	130
			Benzo(a)pyrene-d12	40	21.57	54		10	140
P4529-13	F7H23	BM048271.D	1,4-Dioxane-d8	8	5.01	63		15	120
			Pyridine-d5	40	23.42	59		20	120
			Phenol-d5	40	25.94	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.93	70		10	150
			2-Chlorophenol-d4	40	27.07	68		15	120
			4-Methylphenol-d8	40	27.60	69		10	140
			Nitrobenzene-d5	40	27.18	68		10	135
			2-Nitrophenol-d4	40	28.15	70		10	120

Surrogate Summary

SW-846

SDG No.: **BM102824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4529-13	F7H23	BM048271.D	2,4-Dichlorophenol-d3	40	26.30	66		10	140
			4-Chloroaniline-d4	40	29.32	73		1	145
			Dimethylphthalate-d6	40	31.09	78		10	145
			Acenaphthylene-d8	40	31.00	77		15	120
			4-Nitrophenol-d4	40	17.29	43		10	150
			Fluorene-d10	40	32.43	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.00	55		10	130
			Anthracene-d10	40	34.58	86		10	150
			Pyrene-d10	40	34.99	87		10	130
			Benzo(a)pyrene-d12	40	34.89	87		10	140
P4529-14	F7H35	BM048272.D	1,4-Dioxane-d8	8	4.19	52		15	120
			Pyridine-d5	40	13.77	34		20	120
			Phenol-d5	40	20.95	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.24	56		10	150
			2-Chlorophenol-d4	40	21.86	55		15	120
			4-Methylphenol-d8	40	20.84	52		10	140
			Nitrobenzene-d5	40	21.69	54		10	135
			2-Nitrophenol-d4	40	21.38	53		10	120
			2,4-Dichlorophenol-d3	40	20.02	50		10	140
			4-Chloroaniline-d4	40	20.69	52		1	145
			Dimethylphthalate-d6	40	22.98	57		10	145
			Acenaphthylene-d8	40	23.69	59		15	120
			4-Nitrophenol-d4	40	14.47	36		10	150
			Fluorene-d10	40	24.32	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.49	36		10	130
			Anthracene-d10	40	24.64	62		10	150
			Pyrene-d10	40	23.69	59		10	130
			Benzo(a)pyrene-d12	40	24.73	62		10	140
P4529-15	F7H36	BM048273.D	1,4-Dioxane-d8	8	3.38	42		15	120
			Pyridine-d5	40	15.07	38		20	120
			Phenol-d5	40	16.01	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.41	41		10	150
			2-Chlorophenol-d4	40	16.41	41		15	120
			4-Methylphenol-d8	40	16.45	41		10	140
			Nitrobenzene-d5	40	15.67	39		10	135
			2-Nitrophenol-d4	40	15.54	39		10	120
			2,4-Dichlorophenol-d3	40	14.95	37		10	140
			4-Chloroaniline-d4	40	16.16	40		1	145
			Dimethylphthalate-d6	40	17.69	44		10	145
			Acenaphthylene-d8	40	17.14	43		15	120
			4-Nitrophenol-d4	40	9.70	24		10	150
			Fluorene-d10	40	17.97	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.64	27		10	130
			Anthracene-d10	40	18.66	47		10	150
			Pyrene-d10	40	19.09	48		10	130
			Benzo(a)pyrene-d12	40	18.80	47		10	140
P4529-16	F7H37	BM048274.D	1,4-Dioxane-d8	8	5.80	72		15	120
			Pyridine-d5	40	30.15	75		20	120
			Phenol-d5	40	32.46	81		10	130

Surrogate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4529-16	F7H37	BM048274.D	Bis(2-Chloroethyl)ether-d8	40	33.56	84		10	150
			2-Chlorophenol-d4	40	33.24	83		15	120
			4-Methylphenol-d8	40	33.55	84		10	140
			Nitrobenzene-d5	40	33.89	85		10	135
			2-Nitrophenol-d4	40	34.53	86		10	120
			2,4-Dichlorophenol-d3	40	32.31	81		10	140
			4-Chloroaniline-d4	40	34.39	86		1	145
			Dimethylphthalate-d6	40	34.86	87		10	145
			Acenaphthylene-d8	40	35.54	89		15	120
			4-Nitrophenol-d4	40	22.20	56		10	150
			Fluorene-d10	40	35.45	89		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.57	61		10	130
			Anthracene-d10	40	36.50	91		10	150
			Pyrene-d10	40	38.61	97		10	130
			Benzo(a)pyrene-d12	40	37.02	93		10	140
P4529-17	F7H45	BM048275.D	1,4-Dioxane-d8	8	3.95	49		15	120
			Pyridine-d5	40	18.31	46		20	120
			Phenol-d5	40	20.37	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.42	54		10	150
			2-Chlorophenol-d4	40	20.99	52		15	120
			4-Methylphenol-d8	40	20.55	51		10	140
			Nitrobenzene-d5	40	20.30	51		10	135
			2-Nitrophenol-d4	40	20.43	51		10	120
			2,4-Dichlorophenol-d3	40	19.46	49		10	140
			4-Chloroaniline-d4	40	19.91	50		1	145
			Dimethylphthalate-d6	40	20.85	52		10	145
			Acenaphthylene-d8	40	21.44	54		15	120
			4-Nitrophenol-d4	40	12.07	30		10	150
			Fluorene-d10	40	21.34	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.37	33		10	130
			Anthracene-d10	40	21.60	54		10	150
			Pyrene-d10	40	22.36	56		10	130
P4529-18	F7H46	BM048276.D	Benzo(a)pyrene-d12	40	21.48	54		10	140
			1,4-Dioxane-d8	8	4.18	52		15	120
			Pyridine-d5	40	17.61	44		20	120
			Phenol-d5	40	19.79	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.55	54		10	150
			2-Chlorophenol-d4	40	21.08	53		15	120
			4-Methylphenol-d8	40	20.53	51		10	140
			Nitrobenzene-d5	40	20.40	51		10	135
			2-Nitrophenol-d4	40	20.76	52		10	120
			2,4-Dichlorophenol-d3	40	19.59	49		10	140
			4-Chloroaniline-d4	40	20.64	52		1	145
			Dimethylphthalate-d6	40	21.10	53		10	145
			Acenaphthylene-d8	40	21.15	53		15	120
			4-Nitrophenol-d4	40	12.07	30		10	150
			Fluorene-d10	40	21.51	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.62	34		10	130
			Anthracene-d10	40	21.84	55		10	150

Surrogate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4529-18	F7H46	BM048276.D	Pyrene-d10	40	23.53	59		10	130
			Benzo(a)pyrene-d12	40	22.03	55		10	140
P4529-19	F7H47	BM048277.D	1,4-Dioxane-d8	8	4.29	54		15	120
			Pyridine-d5	40	21.87	55		20	120
			Phenol-d5	40	23.46	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.48	61		10	150
			2-Chlorophenol-d4	40	24.42	61		15	120
			4-Methylphenol-d8	40	24.09	60		10	140
			Nitrobenzene-d5	40	24.00	60		10	135
			2-Nitrophenol-d4	40	24.28	61		10	120
			2,4-Dichlorophenol-d3	40	22.40	56		10	140
			4-Chloroaniline-d4	40	23.45	59		1	145
			Dimethylphthalate-d6	40	24.60	61		10	145
			Acenaphthylene-d8	40	25.07	63		15	120
			4-Nitrophenol-d4	40	13.60	34		10	150
			Fluorene-d10	40	24.85	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.85	40		10	130
			Anthracene-d10	40	25.67	64		10	150
			Pyrene-d10	40	26.91	67		10	130
			Benzo(a)pyrene-d12	40	25.98	65		10	140
PB164389BL	PB164389BL	BM048265.D	1,4-Dioxane-d8	8	4.40	55		15	120
			Pyridine-d5	40	21.48	54		20	120
			Phenol-d5	40	21.02	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.48	56		10	150
			2-Chlorophenol-d4	40	22.02	55		15	120
			4-Methylphenol-d8	40	21.18	53		10	140
			Nitrobenzene-d5	40	21.99	55		10	135
			2-Nitrophenol-d4	40	22.19	55		10	120
			2,4-Dichlorophenol-d3	40	19.99	50		10	140
			4-Chloroaniline-d4	40	21.94	55		1	145
			Dimethylphthalate-d6	40	22.40	56		10	145
			Acenaphthylene-d8	40	22.32	56		15	120
			4-Nitrophenol-d4	40	16.03	40		10	150
			Fluorene-d10	40	22.60	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.78	44		10	130
			Anthracene-d10	40	23.41	59		10	150
			Pyrene-d10	40	24.43	61		10	130
			Benzo(a)pyrene-d12	40	23.02	58		10	140

Surrogate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4492-02	A4E61	BM048289.D	1,4-Dioxane-d8	8	3.80	47		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	25.52	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.06	65		10	150
			2-Chlorophenol-d4	40	26.70	67		15	120
			4-Methylphenol-d8	40	25.54	64		10	140
			Nitrobenzene-d5	40	27.38	68		10	135
			2-Nitrophenol-d4	40	26.97	67		10	120
			2,4-Dichlorophenol-d3	40	31.85	80		10	140
			4-Chloroaniline-d4	40	14.21	36		1	145
			Dimethylphthalate-d6	40	28.95	72		10	145
			Acenaphthylene-d8	40	29.43	74		15	120
			4-Nitrophenol-d4	40	24.76	62		10	150
			Fluorene-d10	40	29.95	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.35	53		10	130
			Anthracene-d10	40	30.30	76		10	150
			Pyrene-d10	40	35.47	89		10	130
			Benzo(a)pyrene-d12	40	32.18	80		10	140
P4492-02DL	A4E61DL	BM048290.D	1,4-Dioxane-d8	8	4.24	53		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	23.83	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.56	64		10	150
			2-Chlorophenol-d4	40	25.12	63		15	120
			4-Methylphenol-d8	40	23.13	58		10	140
			Nitrobenzene-d5	40	24.28	61		10	135
			2-Nitrophenol-d4	40	22.78	57		10	120
			2,4-Dichlorophenol-d3	40	29.53	74		10	140
			4-Chloroaniline-d4	40	12.22	31		1	145
			Dimethylphthalate-d6	40	28.18	70		10	145
			Acenaphthylene-d8	40	27.58	69		15	120
			4-Nitrophenol-d4	40	18.60	47		10	150
			Fluorene-d10	40	29.75	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.06	35		10	130
			Anthracene-d10	40	28.88	72		10	150
			Pyrene-d10	40	31.25	78		10	130
			Benzo(a)pyrene-d12	40	30.32	76		10	140
P4492-11	A4EQ6	BM048300.D	1,4-Dioxane-d8	8	1.43	18		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	7.52	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.34	21		10	150
			2-Chlorophenol-d4	40	8.25	21		15	120
			4-Methylphenol-d8	40	4.84	12		10	140
			Nitrobenzene-d5	40	7.62	19		10	135
			2-Nitrophenol-d4	40	7.00	18		10	120
			2,4-Dichlorophenol-d3	40	7.34	18		10	140
			4-Chloroaniline-d4	40	1.46	4		1	145
			Dimethylphthalate-d6	40	9.07	23		10	145
			Acenaphthylene-d8	40	8.62	22		15	120
			4-Nitrophenol-d4	40	3.58	9	*	10	150

Surrogate Summary

SW-846

SDG No.: **BM102824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4492-11	A4EQ6	BM048300.D	Fluorene-d10	40	9.23	23		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.30	8	*	10	130
			Anthracene-d10	40	8.56	21		10	150
			Pyrene-d10	40	8.53	21		10	130
			Benzo(a)pyrene-d12	40	6.86	17		10	140
P4492-15	A4EY1	BM048301.D	1,4-Dioxane-d8	8	3.76	47		15	120
			Pyridine-d5	40	15.90	40		20	120
			Phenol-d5	40	17.56	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.01	48		10	150
			2-Chlorophenol-d4	40	19.29	48		15	120
			4-Methylphenol-d8	40	18.54	46		10	140
			Nitrobenzene-d5	40	18.31	46		10	135
			2-Nitrophenol-d4	40	18.41	46		10	120
			2,4-Dichlorophenol-d3	40	18.40	46		10	140
			4-Chloroaniline-d4	40	17.32	43		1	145
			Dimethylphthalate-d6	40	21.74	54		10	145
			Acenaphthylene-d8	40	21.01	53		15	120
			4-Nitrophenol-d4	40	10.72	27		10	150
			Fluorene-d10	40	22.04	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.76	29		10	130
			Anthracene-d10	40	22.98	57		10	150
			Pyrene-d10	40	24.05	60		10	130
			Benzo(a)pyrene-d12	40	24.57	61		10	140
PB164416BL	PB164416BL	BM048292.D	1,4-Dioxane-d8	8	6.16	77		15	120
			Pyridine-d5	40	29.79	74		20	120
			Phenol-d5	40	29.22	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.17	78		10	150
			2-Chlorophenol-d4	40	30.58	76		15	120
			4-Methylphenol-d8	40	29.34	73		10	140
			Nitrobenzene-d5	40	30.08	75		10	135
			2-Nitrophenol-d4	40	30.22	76		10	120
			2,4-Dichlorophenol-d3	40	27.73	69		10	140
			4-Chloroaniline-d4	40	29.17	73		1	145
			Dimethylphthalate-d6	40	29.85	75		10	145
			Acenaphthylene-d8	40	30.59	76		15	120
			4-Nitrophenol-d4	40	18.82	47		10	150
			Fluorene-d10	40	29.76	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.30	53		10	130
			Anthracene-d10	40	30.89	77		10	150
			Pyrene-d10	40	32.61	82		10	130
			Benzo(a)pyrene-d12	40	31.75	79		10	140

Surrogate Summary

SW-846

SDG No.: **BM102824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4476-09	XA108	BM048283.D	Pyridine-d5	40	37.14	93		20	120
			1,4-Dioxane-d8	8	7.10	89		15	120
			Phenol-d5	40	37.63	94		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.90	97		25	120
			2-Chlorophenol-d4	40	38.59	96		20	130
			4-Methylphenol-d8	40	35.20	88		25	125
			Nitrobenzene-d5	40	40.36	101		20	125
			2-Nitrophenol-d4	40	41.80	105		20	130
			2,4-Dichlorophenol-d3	40	38.91	97		20	120
			4-Chloroaniline-d4	40	31.52	79		1	146
			Dimethylphthalate-d6	40	41.92	105		25	130
			Acenaphthylene-d8	40	41.33	103		10	130
			4-Nitrophenol-d4	40	30.98	77		10	150
			Fluorene-d10	40	42.16	105		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.94	90		10	130
			Anthracene-d10	40	43.01	108		25	130
			Pyrene-d10	40	45.36	113		15	130
			Benzo(a)pyrene-d12	40	45.87	115		20	130
P4476-09DL	XA108DL	BM048284.D	1,4-Dioxane-d8	8	7.18	90		15	120
			Pyridine-d5	40	32.55	81		20	120
			Phenol-d5	40	34.08	85		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.00	95		25	120
			2-Chlorophenol-d4	40	35.03	88		20	130
			4-Methylphenol-d8	40	32.29	81		25	125
			Nitrobenzene-d5	40	35.12	88		20	125
			2-Nitrophenol-d4	40	33.54	84		20	130
			2,4-Dichlorophenol-d3	40	33.11	83		20	120
			4-Chloroaniline-d4	40	28.09	70		1	146
			Dimethylphthalate-d6	40	40.31	101		25	130
			Acenaphthylene-d8	40	37.92	95		10	130
			4-Nitrophenol-d4	40	18.22	46		10	150
			Fluorene-d10	40	41.20	103		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.00	52		10	130
			Anthracene-d10	40	40.72	102		25	130
			Pyrene-d10	40	45.12	113		15	130
			Benzo(a)pyrene-d12	40	41.05	103		20	130
P4493-09	A4EC1	BM048296.D	1,4-Dioxane-d8	8	5.22	65		15	120
			Pyridine-d5	40	11.25	28		20	120
			Phenol-d5	40	7.27	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.87	87		25	120
			2-Chlorophenol-d4	40	29.74	74		20	130
			4-Methylphenol-d8	40	18.63	47		25	125
			Nitrobenzene-d5	40	35.08	88		20	125
			2-Nitrophenol-d4	40	35.89	90		20	130
			2,4-Dichlorophenol-d3	40	35.54	89		20	120
			4-Chloroaniline-d4	40	29.71	74		1	146
			Dimethylphthalate-d6	40	38.64	97		25	130
			Acenaphthylene-d8	40	36.67	92		10	130
			4-Nitrophenol-d4	40	4.98	12		10	150

Surrogate Summary

SW-846

SDG No.: **BM102824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4493-09	A4EC1	BM048296.D	Fluorene-d10	40	39.85	100		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.32	83		10	130
			Anthracene-d10	40	43.72	109		25	130
			Pyrene-d10	40	44.83	112		15	130
			Benzo(a)pyrene-d12	40	45.93	115		20	130
P4529-20	F7H48	BM048297.D	1,4-Dioxane-d8	8	5.14	64		15	120
			Pyridine-d5	40	7.11	18	*	20	120
			Phenol-d5	40	7.60	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.85	80		25	120
			2-Chlorophenol-d4	40	27.62	69		20	130
			4-Methylphenol-d8	40	19.26	48		25	125
			Nitrobenzene-d5	40	31.60	79		20	125
			2-Nitrophenol-d4	40	32.07	80		20	130
			2,4-Dichlorophenol-d3	40	29.84	75		20	120
			4-Chloroaniline-d4	40	28.36	71		1	146
			Dimethylphthalate-d6	40	35.68	89		25	130
			Acenaphthylene-d8	40	33.49	84		10	130
			4-Nitrophenol-d4	40	4.52	11		10	150
			Fluorene-d10	40	35.06	88		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.08	75		10	130
			Anthracene-d10	40	38.61	97		25	130
			Pyrene-d10	40	41.23	103		15	130
			Benzo(a)pyrene-d12	40	40.09	100		20	130
P4534-01	E1L62	BM048311.D	1,4-Dioxane-d8	8	5.16	65		15	120
			Pyridine-d5	40	3.76	9	*	20	120
			Phenol-d5	40	8.86	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.51	96		25	120
			2-Chlorophenol-d4	40	33.30	83		20	130
			4-Methylphenol-d8	40	22.27	56		25	125
			Nitrobenzene-d5	40	38.80	97		20	125
			2-Nitrophenol-d4	40	39.53	99		20	130
			2,4-Dichlorophenol-d3	40	36.12	90		20	120
			4-Chloroaniline-d4	40	25.58	64		1	146
			Dimethylphthalate-d6	40	41.17	103		25	130
			Acenaphthylene-d8	40	39.93	100		10	130
			4-Nitrophenol-d4	40	5.12	13		10	150
			Fluorene-d10	40	40.79	102		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.31	88		10	130
			Anthracene-d10	40	45.01	113		25	130
			Pyrene-d10	40	47.16	118		15	130
PB164417BL	PB164417BL	BM048281.D	Benzo(a)pyrene-d12	40	47.58	119		20	130
			1,4-Dioxane-d8	8	5.94	74		15	120
			Pyridine-d5	40	28.37	71		20	120
			Phenol-d5	40	27.20	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.55	74		25	120
			2-Chlorophenol-d4	40	28.50	71		20	130
			4-Methylphenol-d8	40	27.68	69		25	125
			Nitrobenzene-d5	40	28.26	71		20	125
			2-Nitrophenol-d4	40	28.43	71		20	130

Surrogate Summary

SW-846

SDG No.: **BM102824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164417BL	PB164417BL	BM048281.D	2,4-Dichlorophenol-d3	40	24.97	62		20	120
			4-Chloroaniline-d4	40	28.37	71		1	146
			Dimethylphthalate-d6	40	29.20	73		25	130
			Acenaphthylene-d8	40	28.98	72		10	130
			4-Nitrophenol-d4	40	18.80	47		10	150
			Fluorene-d10	40	29.13	73		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.00	53		10	130
			Anthracene-d10	40	30.11	75		25	130
			Pyrene-d10	40	32.37	81		15	130
			Benzo(a)pyrene-d12	40	30.36	76		20	130
			1,4-Dioxane-d8	8	7.74	97		15	120
			Pyridine-d5	40	38.81	97		20	120
			Phenol-d5	40	39.51	99		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.15	95		25	120
PB164417BS	PB164417BS	BM048306.D	2-Chlorophenol-d4	40	40.99	102		20	130
			4-Methylphenol-d8	40	38.55	96		25	125
			Nitrobenzene-d5	40	39.26	98		20	125
			2-Nitrophenol-d4	40	40.10	100		20	130
			2,4-Dichlorophenol-d3	40	40.04	100		20	120
			4-Chloroaniline-d4	40	34.33	86		1	146
			Dimethylphthalate-d6	40	37.39	93		25	130
			Acenaphthylene-d8	40	38.81	97		10	130
			4-Nitrophenol-d4	40	36.00	90		10	150
			Fluorene-d10	40	37.63	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.84	90		10	130
			Anthracene-d10	40	39.11	98		25	130
			Pyrene-d10	40	38.67	97		15	130
			Benzo(a)pyrene-d12	40	39.93	100		20	130

Surrogate Summary

SW-846

SDG No.: **BM102824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4493-08	A4EA1	BM048287.D	1,4-Dioxane-d8	8	3.49	44		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	20.39	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.30	53		10	150
			2-Chlorophenol-d4	40	21.46	54		15	120
			4-Methylphenol-d8	40	19.67	49		10	140
			Nitrobenzene-d5	40	21.60	54		10	135
			2-Nitrophenol-d4	40	21.13	53		10	120
			2,4-Dichlorophenol-d3	40	25.00	63		10	140
			4-Chloroaniline-d4	40	14.13	35		1	145
			Dimethylphthalate-d6	40	22.26	56		10	145
			Acenaphthylene-d8	40	23.00	57		15	120
			4-Nitrophenol-d4	40	18.26	46		10	150
			Fluorene-d10	40	23.16	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.03	40		10	130
			Anthracene-d10	40	22.55	56		10	150
			Pyrene-d10	40	25.16	63		10	130
			Benzo(a)pyrene-d12	40	23.69	59		10	140
P4493-08DL	A4EA1DL	BM048288.D	1,4-Dioxane-d8	8	3.44	43		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	19.56	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.00	52		10	150
			2-Chlorophenol-d4	40	21.15	53		15	120
			4-Methylphenol-d8	40	18.86	47		10	140
			Nitrobenzene-d5	40	19.97	50		10	135
			2-Nitrophenol-d4	40	18.74	47		10	120
			2,4-Dichlorophenol-d3	40	23.32	58		10	140
			4-Chloroaniline-d4	40	12.56	31		1	145
			Dimethylphthalate-d6	40	22.37	56		10	145
			Acenaphthylene-d8	40	22.73	57		15	120
			4-Nitrophenol-d4	40	13.58	34		10	150
			Fluorene-d10	40	23.20	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.71	27		10	130
			Anthracene-d10	40	22.43	56		10	150
			Pyrene-d10	40	24.20	61		10	130
			Benzo(a)pyrene-d12	40	22.65	57		10	140
P4493-14	A4F25	BM048298.D	1,4-Dioxane-d8	8	4.00	50		15	120
			Pyridine-d5	40	17.13	43		20	120
			Phenol-d5	40	18.57	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.69	49		10	150
			2-Chlorophenol-d4	40	19.50	49		15	120
			4-Methylphenol-d8	40	18.43	46		10	140
			Nitrobenzene-d5	40	18.63	47		10	135
			2-Nitrophenol-d4	40	18.34	46		10	120
			2,4-Dichlorophenol-d3	40	18.14	45		10	140
			4-Chloroaniline-d4	40	16.61	42		1	145
			Dimethylphthalate-d6	40	20.91	52		10	145
			Acenaphthylene-d8	40	20.71	52		15	120
			4-Nitrophenol-d4	40	10.25	26		10	150

Surrogate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4493-14	A4F25	BM048298.D	Fluorene-d10	40	21.89	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.41	29		10	130
			Anthracene-d10	40	21.70	54		10	150
			Pyrene-d10	40	22.29	56		10	130
			Benzo(a)pyrene-d12	40	23.23	58		10	140
P4493-15	A4F27	BM048299.D	1,4-Dioxane-d8	8	2.46	31		15	120
			Pyridine-d5	40	1.11	3	*	20	120
			Phenol-d5	40	11.60	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.13	33		10	150
			2-Chlorophenol-d4	40	12.94	32		15	120
			4-Methylphenol-d8	40	9.63	24		10	140
			Nitrobenzene-d5	40	11.73	29		10	135
			2-Nitrophenol-d4	40	11.38	28		10	120
			2,4-Dichlorophenol-d3	40	11.65	29		10	140
			4-Chloroaniline-d4	40	1.73	4		1	145
			Dimethylphthalate-d6	40	13.93	35		10	145
			Acenaphthylene-d8	40	13.56	34		15	120
			4-Nitrophenol-d4	40	4.76	12		10	150
			Fluorene-d10	40	14.58	36		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.32	13		10	130
			Anthracene-d10	40	14.33	36		10	150
			Pyrene-d10	40	13.70	34		10	130
			Benzo(a)pyrene-d12	40	10.76	27		10	140
PB164419BL	PB164419BL	BM048293.D	1,4-Dioxane-d8	8	6.14	77		15	120
			Pyridine-d5	40	28.95	72		20	120
			Phenol-d5	40	28.05	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.65	74		10	150
			2-Chlorophenol-d4	40	29.54	74		15	120
			4-Methylphenol-d8	40	27.67	69		10	140
			Nitrobenzene-d5	40	29.02	73		10	135
			2-Nitrophenol-d4	40	28.92	72		10	120
			2,4-Dichlorophenol-d3	40	26.58	66		10	140
			4-Chloroaniline-d4	40	27.92	70		1	145
			Dimethylphthalate-d6	40	29.08	73		10	145
			Acenaphthylene-d8	40	29.41	74		15	120
			4-Nitrophenol-d4	40	18.54	46		10	150
			Fluorene-d10	40	29.46	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.90	52		10	130
			Anthracene-d10	40	30.83	77		10	150
			Pyrene-d10	40	30.73	77		10	130
			Benzo(a)pyrene-d12	40	31.02	78		10	140

Surrogate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4559-13	GCNY8	BM048251.D	1,4-Dioxane-d8	8	6.03	75		15	120
			Pyridine-d5	40	7.46	19	*	20	120
			Phenol-d5	40	8.72	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.47	91		25	120
			2-Chlorophenol-d4	40	31.93	80		20	130
			4-Methylphenol-d8	40	21.20	53		25	125
			Nitrobenzene-d5	40	35.56	89		20	125
			2-Nitrophenol-d4	40	36.64	92		20	130
			2,4-Dichlorophenol-d3	40	33.16	83		20	120
			4-Chloroaniline-d4	40	29.91	75		1	146
			Dimethylphthalate-d6	40	37.85	95		25	130
			Acenaphthylene-d8	40	36.52	91		10	130
			4-Nitrophenol-d4	40	6.07	15		10	150
			Fluorene-d10	40	38.71	97		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.06	83		10	130
			Anthracene-d10	40	39.91	100		25	130
			Pyrene-d10	40	41.42	104		15	130
			Benzo(a)pyrene-d12	40	41.02	103		20	130
P4559-14	GCNY9	BM048252.D	1,4-Dioxane-d8	8	4.59	57		15	120
			Pyridine-d5	40	5.98	15	*	20	120
			Phenol-d5	40	6.73	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.05	73		25	120
			2-Chlorophenol-d4	40	25.54	64		20	130
			4-Methylphenol-d8	40	16.43	41		25	125
			Nitrobenzene-d5	40	28.73	72		20	125
			2-Nitrophenol-d4	40	29.62	74		20	130
			2,4-Dichlorophenol-d3	40	26.94	67		20	120
			4-Chloroaniline-d4	40	22.93	57		1	146
			Dimethylphthalate-d6	40	31.00	78		25	130
			Acenaphthylene-d8	40	29.05	73		10	130
			4-Nitrophenol-d4	40	4.80	12		10	150
			Fluorene-d10	40	31.25	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.50	69		10	130
			Anthracene-d10	40	32.66	82		25	130
			Pyrene-d10	40	31.10	78		15	130
			Benzo(a)pyrene-d12	40	32.23	81		20	130
P4559-15	GCNZ0	BM048253.D	1,4-Dioxane-d8	8	4.39	55		15	120
			Pyridine-d5	40	5.02	13	*	20	120
			Phenol-d5	40	7.25	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.41	79		25	120
			2-Chlorophenol-d4	40	27.55	69		20	130
			4-Methylphenol-d8	40	18.19	45		25	125
			Nitrobenzene-d5	40	30.98	77		20	125
			2-Nitrophenol-d4	40	31.83	80		20	130
			2,4-Dichlorophenol-d3	40	28.56	71		20	120
			4-Chloroaniline-d4	40	23.74	59		1	146
			Dimethylphthalate-d6	40	32.80	82		25	130
			Acenaphthylene-d8	40	31.93	80		10	130
			4-Nitrophenol-d4	40	4.70	12		10	150

Surrogate Summary

SW-846

SDG No.: **BM102824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4559-15	GCNZ0	BM048253.D	Fluorene-d10	40	33.44	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.90	72		10	130
			Anthracene-d10	40	35.49	89		25	130
			Pyrene-d10	40	37.16	93		15	130
			Benzo(a)pyrene-d12	40	35.95	90		20	130
P4559-16	GCNZ1	BM048254.D	1,4-Dioxane-d8	8	5.03	63		15	120
			Pyridine-d5	40	5.12	13	*	20	120
			Phenol-d5	40	8.05	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.67	84		25	120
			2-Chlorophenol-d4	40	29.86	75		20	130
			4-Methylphenol-d8	40	20.30	51		25	125
			Nitrobenzene-d5	40	33.68	84		20	125
			2-Nitrophenol-d4	40	34.91	87		20	130
			2,4-Dichlorophenol-d3	40	32.13	80		20	120
			4-Chloroaniline-d4	40	16.67	42		1	146
			Dimethylphthalate-d6	40	38.31	96		25	130
			Acenaphthylene-d8	40	35.57	89		10	130
			4-Nitrophenol-d4	40	5.97	15		10	150
			Fluorene-d10	40	38.57	96		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.07	85		10	130
			Anthracene-d10	40	40.68	102		25	130
			Pyrene-d10	40	43.20	108		15	130
			Benzo(a)pyrene-d12	40	41.05	103		20	130
P4559-17	GCNZ2	BM048255.D	1,4-Dioxane-d8	8	4.60	57		15	120
			Pyridine-d5	40	9.72	24		20	120
			Phenol-d5	40	8.82	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.86	85		25	120
			2-Chlorophenol-d4	40	30.43	76		20	130
			4-Methylphenol-d8	40	20.96	52		25	125
			Nitrobenzene-d5	40	33.58	84		20	125
			2-Nitrophenol-d4	40	34.18	85		20	130
			2,4-Dichlorophenol-d3	40	31.14	78		20	120
			4-Chloroaniline-d4	40	28.68	72		1	146
			Dimethylphthalate-d6	40	35.18	88		25	130
			Acenaphthylene-d8	40	34.14	85		10	130
			4-Nitrophenol-d4	40	6.29	16		10	150
			Fluorene-d10	40	36.07	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.63	79		10	130
			Anthracene-d10	40	37.92	95		25	130
			Pyrene-d10	40	39.53	99		15	130
			Benzo(a)pyrene-d12	40	38.05	95		20	130
P4559-18	GCNZ3	BM048256.D	1,4-Dioxane-d8	8	4.23	53		15	120
			Pyridine-d5	40	7.25	18	*	20	120
			Phenol-d5	40	7.11	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.13	73		25	120
			2-Chlorophenol-d4	40	26.22	66		20	130
			4-Methylphenol-d8	40	17.54	44		25	125
			Nitrobenzene-d5	40	29.29	73		20	125
			2-Nitrophenol-d4	40	29.91	75		20	130

Surrogate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4559-18	GCNZ3	BM048256.D	2,4-Dichlorophenol-d3	40	27.22	68		20	120
			4-Chloroaniline-d4	40	24.33	61		1	146
			Dimethylphthalate-d6	40	31.35	78		25	130
			Acenaphthylene-d8	40	30.10	75		10	130
			4-Nitrophenol-d4	40	5.83	15		10	150
			Fluorene-d10	40	32.15	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.35	76		10	130
			Anthracene-d10	40	35.66	89		25	130
			Pyrene-d10	40	34.59	86		15	130
			Benzo(a)pyrene-d12	40	35.48	89		20	130
PB164422BL	PB164422BL	BM048250.D	Pyridine-d5	40	24.62	62		20	120
			1,4-Dioxane-d8	8	5.26	66		15	120
			Phenol-d5	40	23.99	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.96	62		25	120
			2-Chlorophenol-d4	40	25.14	63		20	130
			4-Methylphenol-d8	40	23.45	59		25	125
			Nitrobenzene-d5	40	25.45	64		20	125
			2-Nitrophenol-d4	40	25.61	64		20	130
			2,4-Dichlorophenol-d3	40	23.69	59		20	120
			4-Chloroaniline-d4	40	24.64	62		1	146
			Dimethylphthalate-d6	40	24.98	62		25	130
			Acenaphthylene-d8	40	25.13	63		10	130
			4-Nitrophenol-d4	40	19.09	48		10	150
			Fluorene-d10	40	25.49	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.41	51		10	130
			Anthracene-d10	40	26.35	66		25	130
			Pyrene-d10	40	25.42	64		15	130
			Benzo(a)pyrene-d12	40	26.44	66		20	130
PB164422BS	PB164422BS	BM048262.D	Pyridine-d5	40	27.06	68		20	120
			1,4-Dioxane-d8	8	5.48	68		15	120
			Phenol-d5	40	27.64	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.19	65		25	120
			2-Chlorophenol-d4	40	28.08	70		20	130
			4-Methylphenol-d8	40	27.12	68		25	125
			Nitrobenzene-d5	40	26.95	67		20	125
			2-Nitrophenol-d4	40	27.56	69		20	130
			2,4-Dichlorophenol-d3	40	28.33	71		20	120
			4-Chloroaniline-d4	40	24.55	61		1	146
			Dimethylphthalate-d6	40	26.24	66		25	130
			Acenaphthylene-d8	40	26.75	67		10	130
			4-Nitrophenol-d4	40	27.63	69		10	150
			Fluorene-d10	40	26.62	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.77	67		10	130
			Anthracene-d10	40	27.18	68		25	130
			Pyrene-d10	40	25.84	65		15	130
			Benzo(a)pyrene-d12	40	27.72	69		20	130

Surrogate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4534-05	E1L65	BM048257.D	1,4-Dioxane-d8	8	5.15	64		15	120
			Pyridine-d5	40	7.83	20		20	120
			Phenol-d5	40	7.74	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.27	83		25	120
			2-Chlorophenol-d4	40	29.04	73		20	130
			4-Methylphenol-d8	40	18.78	47		25	125
			Nitrobenzene-d5	40	33.40	83		20	125
			2-Nitrophenol-d4	40	34.00	85		20	130
			2,4-Dichlorophenol-d3	40	30.47	76		20	120
			4-Chloroaniline-d4	40	27.77	69		1	146
			Dimethylphthalate-d6	40	36.31	91		25	130
			Acenaphthylene-d8	40	34.74	87		10	130
			4-Nitrophenol-d4	40	5.11	13		10	150
			Fluorene-d10	40	36.77	92		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.83	85		10	130
			Anthracene-d10	40	41.24	103		25	130
			Pyrene-d10	40	41.44	104		15	130
			Benzo(a)pyrene-d12	40	42.84	107		20	130
P4534-06	E1L67	BM048258.D	1,4-Dioxane-d8	8	5.18	65		15	120
			Pyridine-d5	40	11.38	28		20	120
			Phenol-d5	40	8.43	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.78	87		25	120
			2-Chlorophenol-d4	40	31.10	78		20	130
			4-Methylphenol-d8	40	21.38	53		25	125
			Nitrobenzene-d5	40	35.22	88		20	125
			2-Nitrophenol-d4	40	36.08	90		20	130
			2,4-Dichlorophenol-d3	40	31.66	79		20	120
			4-Chloroaniline-d4	40	29.46	74		1	146
			Dimethylphthalate-d6	40	37.58	94		25	130
			Acenaphthylene-d8	40	36.80	92		10	130
			4-Nitrophenol-d4	40	4.70	12		10	150
			Fluorene-d10	40	38.19	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.09	83		10	130
			Anthracene-d10	40	41.48	104		25	130
			Pyrene-d10	40	42.06	105		15	130
			Benzo(a)pyrene-d12	40	43.07	108		20	130
P4534-07	E1L78	BM048259.D	1,4-Dioxane-d8	8	4.52	56		15	120
			Pyridine-d5	40	6.12	15	*	20	120
			Phenol-d5	40	8.00	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.62	74		25	120
			2-Chlorophenol-d4	40	26.06	65		20	130
			4-Methylphenol-d8	40	19.66	49		25	125
			Nitrobenzene-d5	40	29.93	75		20	125
			2-Nitrophenol-d4	40	30.93	77		20	130
			2,4-Dichlorophenol-d3	40	27.47	69		20	120
			4-Chloroaniline-d4	40	22.96	57		1	146
			Dimethylphthalate-d6	40	33.26	83		25	130
			Acenaphthylene-d8	40	31.24	78		10	130
			4-Nitrophenol-d4	40	4.79	12		10	150

Surrogate Summary

SW-846

SDG No.: **BM102824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4534-07	E1L78	BM048259.D	Fluorene-d10	40	32.94	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.53	76		10	130
			Anthracene-d10	40	37.55	94		25	130
			Pyrene-d10	40	38.35	96		15	130
			Benzo(a)pyrene-d12	40	38.84	97		20	130
P4534-08	E1L98	BM048260.D	1,4-Dioxane-d8	8	4.15	52		15	120
			Pyridine-d5	40	6.09	15	*	20	120
			Phenol-d5	40	6.63	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.27	73		25	120
			2-Chlorophenol-d4	40	25.74	64		20	130
			4-Methylphenol-d8	40	16.72	42		25	125
			Nitrobenzene-d5	40	29.50	74		20	125
			2-Nitrophenol-d4	40	29.96	75		20	130
			2,4-Dichlorophenol-d3	40	26.75	67		20	120
			4-Chloroaniline-d4	40	10.05	25		1	146
			Dimethylphthalate-d6	40	32.18	80		25	130
			Acenaphthylene-d8	40	29.94	75		10	130
			4-Nitrophenol-d4	40	4.27	11		10	150
			Fluorene-d10	40	32.31	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.98	75		10	130
			Anthracene-d10	40	36.53	91		25	130
			Pyrene-d10	40	39.63	99		15	130
			Benzo(a)pyrene-d12	40	37.99	95		20	130
P4559-19	GCNZ4	BM048261.D	1,4-Dioxane-d8	8	4.54	57		15	120
			Pyridine-d5	40	5.98	15	*	20	120
			Phenol-d5	40	7.24	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.92	72		25	120
			2-Chlorophenol-d4	40	26.11	65		20	130
			4-Methylphenol-d8	40	17.10	43		25	125
			Nitrobenzene-d5	40	29.09	73		20	125
			2-Nitrophenol-d4	40	29.29	73		20	130
			2,4-Dichlorophenol-d3	40	26.44	66		20	120
			4-Chloroaniline-d4	40	22.35	56		1	146
			Dimethylphthalate-d6	40	29.47	74		25	130
			Acenaphthylene-d8	40	29.74	74		10	130
			4-Nitrophenol-d4	40	4.29	11		10	150
			Fluorene-d10	40	30.27	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.98	62		10	130
			Anthracene-d10	40	32.30	81		25	130
			Pyrene-d10	40	32.19	80		15	130
			Benzo(a)pyrene-d12	40	32.32	81		20	130
PB164423BL	PB164423BL	BM048264.D	1,4-Dioxane-d8	8	5.21	65		15	120
			Pyridine-d5	40	25.32	63		20	120
			Phenol-d5	40	24.24	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.82	65		25	120
			2-Chlorophenol-d4	40	25.56	64		20	130
			4-Methylphenol-d8	40	24.31	61		25	125
			Nitrobenzene-d5	40	25.51	64		20	125
			2-Nitrophenol-d4	40	25.54	64		20	130

Surrogate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164423BL	PB164423BL	BM048264.D	2,4-Dichlorophenol-d3	40	22.56	56		20	120
			4-Chloroaniline-d4	40	24.71	62		1	146
			Dimethylphthalate-d6	40	26.10	65		25	130
			Acenaphthylene-d8	40	25.81	65		10	130
			4-Nitrophenol-d4	40	18.22	46		10	150
			Fluorene-d10	40	26.16	65		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.04	53		10	130
			Anthracene-d10	40	27.28	68		25	130
			Pyrene-d10	40	28.17	70		15	130
			Benzo(a)pyrene-d12	40	27.58	69		20	130
PB164423BS	PB164423BS	BM048278.D	1,4-Dioxane-d8	8	5.97	75		15	120
			Pyridine-d5	40	29.08	73		20	120
			Phenol-d5	40	31.21	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.04	75		25	120
			2-Chlorophenol-d4	40	31.98	80		20	130
			4-Methylphenol-d8	40	30.59	76		25	125
			Nitrobenzene-d5	40	30.09	75		20	125
			2-Nitrophenol-d4	40	30.77	77		20	130
			2,4-Dichlorophenol-d3	40	30.76	77		20	120
			4-Chloroaniline-d4	40	27.43	69		1	146
			Dimethylphthalate-d6	40	28.43	71		25	130
			Acenaphthylene-d8	40	29.63	74		10	130
			4-Nitrophenol-d4	40	28.59	71		10	150
			Fluorene-d10	40	28.33	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.70	74		10	130
			Anthracene-d10	40	29.91	75		25	130
			Pyrene-d10	40	31.51	79		15	130
			Benzo(a)pyrene-d12	40	31.19	78		20	130

Surrogate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4562-05	SVOC-GPC-BLANBM048294.D		1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

Surrogate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4562-10	SVOC-GPC2-BLA1BM048295.D		1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

Surrogate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4558-07	E1L92	BM048304.D	1,4-Dioxane-d8	8	5.45	68		15	120
			Pyridine-d5	40	5.00	12	*	20	120
			Phenol-d5	40	9.30	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.88	87		25	120
			2-Chlorophenol-d4	40	32.21	81		20	130
			4-Methylphenol-d8	40	21.82	55		25	125
			Nitrobenzene-d5	40	35.35	88		20	125
			2-Nitrophenol-d4	40	35.85	90		20	130
			2,4-Dichlorophenol-d3	40	32.81	82		20	120
			4-Chloroaniline-d4	40	25.38	63		1	146
			Dimethylphthalate-d6	40	37.97	95		25	130
			Acenaphthylene-d8	40	35.75	89		10	130
			4-Nitrophenol-d4	40	5.75	14		10	150
			Fluorene-d10	40	37.34	93		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.62	82		10	130
			Anthracene-d10	40	43.22	108		25	130
			Pyrene-d10	40	43.49	109		15	130
			Benzo(a)pyrene-d12	40	44.32	111		20	130
P4558-08MS	E1L92MS	BM048305.D	1,4-Dioxane-d8	8	4.47	56		15	120
			Pyridine-d5	40	3.29	8	*	20	120
			Phenol-d5	40	8.29	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.98	77		25	120
			2-Chlorophenol-d4	40	28.14	70		20	130
			4-Methylphenol-d8	40	19.64	49		25	125
			Nitrobenzene-d5	40	31.81	80		20	125
			2-Nitrophenol-d4	40	32.53	81		20	130
			2,4-Dichlorophenol-d3	40	32.33	81		20	120
			4-Chloroaniline-d4	40	15.66	39		1	146
			Dimethylphthalate-d6	40	35.38	88		25	130
			Acenaphthylene-d8	40	32.60	81		10	130
			4-Nitrophenol-d4	40	8.64	22		10	150
			Fluorene-d10	40	34.39	86		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.15	90		10	130
			Anthracene-d10	40	37.56	94		25	130
			Pyrene-d10	40	38.35	96		15	130
			Benzo(a)pyrene-d12	40	38.90	97		20	130
P4558-09MSD	E1L92MSD	BM048310.D	1,4-Dioxane-d8	8	4.26	53		15	120
			Pyridine-d5	40	3.14	8	*	20	120
			Phenol-d5	40	8.00	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.24	76		25	120
			2-Chlorophenol-d4	40	27.27	68		20	130
			4-Methylphenol-d8	40	18.92	47		25	125
			Nitrobenzene-d5	40	31.17	78		20	125
			2-Nitrophenol-d4	40	31.79	79		20	130
			2,4-Dichlorophenol-d3	40	31.55	79		20	120
			4-Chloroaniline-d4	40	14.85	37		1	146
			Dimethylphthalate-d6	40	34.82	87		25	130
			Acenaphthylene-d8	40	31.98	80		10	130
			4-Nitrophenol-d4	40	8.59	21		10	150

Surrogate Summary

SW-846

SDG No.: **BM102824**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4558-09MSD	E1L92MSD	BM048310.D	Fluorene-d10	40	33.88	85		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.97	90		10	130
			Anthracene-d10	40	37.56	94		25	130
			Pyrene-d10	40	37.09	93		15	130
			Benzo(a)pyrene-d12	40	38.27	96		20	130
PB164512BL	PB164512BL	BM048308.D	1,4-Dioxane-d8	8	5.98	75		15	120
			Pyridine-d5	40	27.61	69		20	120
			Phenol-d5	40	27.77	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.06	73		25	120
			2-Chlorophenol-d4	40	29.13	73		20	130
			4-Methylphenol-d8	40	27.53	69		25	125
			Nitrobenzene-d5	40	28.42	71		20	125
			2-Nitrophenol-d4	40	28.37	71		20	130
			2,4-Dichlorophenol-d3	40	25.99	65		20	120
			4-Chloroaniline-d4	40	26.66	67		1	146
			Dimethylphthalate-d6	40	27.86	70		25	130
			Acenaphthylene-d8	40	28.62	72		10	130
			4-Nitrophenol-d4	40	18.72	47		10	150
			Fluorene-d10	40	28.01	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.42	49		10	130
			Anthracene-d10	40	29.76	74		25	130
			Pyrene-d10	40	30.95	77		15	130
			Benzo(a)pyrene-d12	40	30.18	75		20	130

Surrogate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4557-01	E1L51	BM048302.D	1,4-Dioxane-d8	8	4.20	53		15	120
			Pyridine-d5	40	12.71	32		20	120
			Phenol-d5	40	13.21	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.43	74		25	120
			2-Chlorophenol-d4	40	29.67	74		20	130
			4-Methylphenol-d8	40	23.30	58		25	125
			Nitrobenzene-d5	40	29.90	75		20	125
			2-Nitrophenol-d4	40	31.32	78		20	130
			2,4-Dichlorophenol-d3	40	30.05	75		20	120
			4-Chloroaniline-d4	40	17.31	43		1	146
			Dimethylphthalate-d6	40	32.89	82		25	130
			Acenaphthylene-d8	40	32.26	81		10	130
			4-Nitrophenol-d4	40	8.97	22		10	150
			Fluorene-d10	40	33.20	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.91	72		10	130
			Anthracene-d10	40	36.68	92		25	130
			Pyrene-d10	40	36.96	92		15	130
			Benzo(a)pyrene-d12	40	37.41	94		20	130
P4557-02	E1L52	BM048303.D	1,4-Dioxane-d8	8	4.88	61		15	120
			Pyridine-d5	40	8.95	22		20	120
			Phenol-d5	40	8.59	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.95	77		25	120
			2-Chlorophenol-d4	40	28.03	70		20	130
			4-Methylphenol-d8	40	19.35	48		25	125
			Nitrobenzene-d5	40	30.69	77		20	125
			2-Nitrophenol-d4	40	31.06	78		20	130
			2,4-Dichlorophenol-d3	40	28.57	71		20	120
			4-Chloroaniline-d4	40	18.73	47		1	146
			Dimethylphthalate-d6	40	32.33	81		25	130
			Acenaphthylene-d8	40	31.27	78		10	130
			4-Nitrophenol-d4	40	5.72	14		10	150
			Fluorene-d10	40	32.86	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.22	71		10	130
			Anthracene-d10	40	35.85	90		25	130
			Pyrene-d10	40	37.05	93		15	130
			Benzo(a)pyrene-d12	40	37.75	94		20	130
PB164514BL	PB164514BL	BM048309.D	1,4-Dioxane-d8	8	6.05	76		15	120
			Pyridine-d5	40	29.27	73		20	120
			Phenol-d5	40	28.67	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.19	75		25	120
			2-Chlorophenol-d4	40	30.05	75		20	130
			4-Methylphenol-d8	40	27.92	70		25	125
			Nitrobenzene-d5	40	30.15	75		20	125
			2-Nitrophenol-d4	40	29.81	75		20	130
			2,4-Dichlorophenol-d3	40	28.30	71		20	120
			4-Chloroaniline-d4	40	28.13	70		1	146
			Dimethylphthalate-d6	40	29.24	73		25	130
			Acenaphthylene-d8	40	29.90	75		10	130
			4-Nitrophenol-d4	40	18.43	46		10	150

Surrogate Summary

SW-846

SDG No.: BM102824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164514BL	PB164514BL	BM048309.D	Fluorene-d10	40	29.21	73		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.47	51		10	130
			Anthracene-d10	40	31.05	78		25	130
			Pyrene-d10	40	31.79	79		15	130
			Benzo(a)pyrene-d12	40	32.25	81		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM102824

Lab Code: CHEM

SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048248.D

DFTPP Injection Date: 10/28/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.5
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.8
442	Greater than 50% of mass 198	86.8
443	15.0 - 24.0% of mass 442	16.8 (19.3) 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
SSTD020188	SSTDCCC020	BM048249.D	10/28/2024	10:44
SBLK422	PB164422BL	BM048250.D	10/28/2024	11:23
GCNY8	P4559-13	BM048251.D	10/28/2024	12:02
GCNY9	P4559-14	BM048252.D	10/28/2024	12:42
GCNZ0	P4559-15	BM048253.D	10/28/2024	13:21
GCNZ1	P4559-16	BM048254.D	10/28/2024	14:00
GCNZ2	P4559-17	BM048255.D	10/28/2024	14:40
GCNZ3	P4559-18	BM048256.D	10/28/2024	15:19
E1L65	P4534-05	BM048257.D	10/28/2024	15:58
E1L67	P4534-06	BM048258.D	10/28/2024	16:38
E1L78	P4534-07	BM048259.D	10/28/2024	17:17
E1L98	P4534-08	BM048260.D	10/28/2024	17:56
GCNZ4	P4559-19	BM048261.D	10/28/2024	18:36
SLCS422	PB164422BS	BM048262.D	10/28/2024	19:15
SSTD020189	SSTDCCC020	BM048263.D	10/28/2024	20:33
SBLK423	PB164423BL	BM048264.D	10/28/2024	21:13
SBLK389	PB164389BL	BM048265.D	10/28/2024	21:52
F7H16	P4529-07	BM048266.D	10/28/2024	22:31

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM102824

Lab Code: CHEM

SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048248.D

DFTPP Injection Date: 10/28/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.5
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.8
442	Greater than 50% of mass 198	86.8
443	15.0 - 24.0% of mass 442	16.8 (19.3) 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
F7H17	P4529-08	BM048267.D	10/28/2024	23:10
F7H25	P4529-10	BM048268.D	10/28/2024	23:50
F7H21	P4529-11	BM048269.D	10/29/2024	00:29
F7H22	P4529-12	BM048270.D	10/29/2024	01:08
F7H23	P4529-13	BM048271.D	10/29/2024	01:48
F7H35	P4529-14	BM048272.D	10/29/2024	02:27
F7H36	P4529-15	BM048273.D	10/29/2024	03:06
F7H37	P4529-16	BM048274.D	10/29/2024	03:45
F7H45	P4529-17	BM048275.D	10/29/2024	04:25
F7H46	P4529-18	BM048276.D	10/29/2024	05:04
F7H47	P4529-19	BM048277.D	10/29/2024	05:43
SLCS423	PB164423BS	BM048278.D	10/29/2024	06:23
SSTD020190	SSTDCCC020	BM048279.D	10/29/2024	07:41
SBLK388	PB164388BL	BM048280.D	10/29/2024	08:51
SBLK417	PB164417BL	BM048281.D	10/29/2024	09:30
GCNZ6	P4532-18	BM048282.D	10/29/2024	10:09
XA108	P4476-09	BM048283.D	10/29/2024	10:49
XA108DL	P4476-09DL	BM048284.D	10/29/2024	12:07

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM102824

Lab Code: CHEM

SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048248.D

DFTPP Injection Date: 10/28/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.5
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.8
442	Greater than 50% of mass 198	86.8
443	15.0 - 24.0% of mass 442	16.8 (19.3) 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
GCNX7	P4532-16	BM048285.D	10/29/2024	12:47
GCNX8	P4532-17	BM048286.D	10/29/2024	13:26
A4EA1	P4493-08	BM048287.D	10/29/2024	14:09
A4EA1DL	P4493-08DL	BM048288.D	10/29/2024	14:48
A4E61	P4492-02	BM048289.D	10/29/2024	15:27
A4E61DL	P4492-02DL	BM048290.D	10/29/2024	16:46
SSTD020191	SSTDCCC020	BM048291.D	10/29/2024	17:25
SBLK416	PB164416BL	BM048292.D	10/29/2024	18:04
SBLK419	PB164419BL	BM048293.D	10/29/2024	18:43
SVOC-GPC-BLANK	P4562-05	BM048294.D	10/29/2024	19:23
SVOC-GPC2-BLANK	P4562-10	BM048295.D	10/29/2024	20:02
A4EC1	P4493-09	BM048296.D	10/29/2024	20:41
F7H48	P4529-20	BM048297.D	10/29/2024	21:20
A4F25	P4493-14	BM048298.D	10/29/2024	21:59
A4F27	P4493-15	BM048299.D	10/29/2024	22:39
A4EQ6	P4492-11	BM048300.D	10/29/2024	23:18
A4EY1	P4492-15	BM048301.D	10/29/2024	23:57
E1L51	P4557-01	BM048302.D	10/30/2024	00:36

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM102824

Lab Code: CHEM

SAS No.: BM102824

SDG NO.: BM102824

Lab File ID: BM048248.D

DFTPP Injection Date: 10/28/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.5
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.8
442	Greater than 50% of mass 198	86.8
443	15.0 - 24.0% of mass 442	16.8 (19.3) 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
E1L52	P4557-02	BM048303.D	10/30/2024	01:15
E1L92	P4558-07	BM048304.D	10/30/2024	01:55
E1L92MS	P4558-08MS	BM048305.D	10/30/2024	02:34
SLCS417	PB164417BS	BM048306.D	10/30/2024	03:13
SSTD020192	SSTDCCC020	BM048307.D	10/30/2024	04:32
SBLK512	PB164512BL	BM048308.D	10/30/2024	05:11
SBLK514	PB164514BL	BM048309.D	10/30/2024	05:50
E1L92MSD	P4558-09MSD	BM048310.D	10/30/2024	06:29
E1L62	P4534-01	BM048311.D	10/30/2024	07:09