

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG112224 SAS No.: BG112224 SDG No.: BG112224

Instrument ID: BNA_G Calibration Date/Time: 11/22/2024 : 09:05

Lab File ID: BG063511.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020547 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.598	0.585	0.010	-2.2086	40.0
Benzaldehyde	0.941	1.199	0.010	27.3849	40.0
Pyridine	1.616	1.539	0.010	-4.7558	40.0
Phenol	1.794	1.837	0.080	2.4416	20.0
Bis(2-Chloroethyl)ether	1.295	1.342	0.100	3.6545	20.0
2-Chlorophenol	1.244	1.275	0.200	2.5092	20.0
2-Methylphenol	1.335	1.371	0.010	2.7192	20.0
2,2-oxybis(1-Chloropropane)	1.897	2.092	0.010	10.3067	40.0
Acetophenone	2.171	2.250	0.060	3.6312	20.0
4-Methylphenol	1.464	1.536	0.010	4.9532	20.0
N-Nitroso-di-n-propylamine	1.213	1.294	0.050	6.651	30.0
Hexachloroethane	0.537	0.577	0.100	7.4358	20.0
Nitrobenzene	0.441	0.463	0.050	5.1415	25.0
Isophorone	0.805	0.823	0.050	2.297	25.0
2-Nitrophenol	0.176	0.195	0.050	10.5404	25.0
2,4-Dimethylphenol	0.379	0.393	0.050	3.5631	25.0
Bis(2-Chloroethoxy)methane	0.445	0.456	0.050	2.481	20.0
2,4-Dichlorophenol	0.331	0.339	0.060	2.4949	20.0
Naphthalene	1.022	1.106	0.200	8.2047	20.0
4-Chloroaniline	0.409	0.419	0.010	2.4774	40.0
Hexachlorobutadiene	0.295	0.290	0.040	-1.6924	30.0
Caprolactam	0.112	0.111	0.010	-0.0538	40.0
4-Chloro-3-methylphenol	0.337	0.358	0.040	6.2254	25.0
1-Methylnaphthalene	0.762	0.830	0.100	8.9229	20.0
2-Methylnaphthalene	0.726	0.787	0.100	8.5031	20.0
Hexachlorocyclopentadiene	0.300	0.251	0.010	-16.326	40.0
2,4,6-Trichlorophenol	0.386	0.370	0.090	-4.0624	25.0
2,4,5-Trichlorophenol	0.398	0.409	0.100	2.7932	25.0
1,1-Biphenyl	1.327	1.432	0.200	7.909	20.0
2-Chloronaphthalene	1.043	1.097	0.300	5.1558	20.0
2-Nitroaniline	0.329	0.353	0.050	7.4751	40.0
Dimethylphthalate	1.323	1.384	0.300	4.6359	20.0
2,6-Dinitrotoluene	0.268	0.289	0.080	7.5201	30.0
Acenaphthylene	1.556	1.727	0.400	10.947	20.0
3-Nitroaniline	0.246	0.267	0.010	8.5846	40.0
Acenaphthene	1.124	1.223	0.200	8.8307	20.0
2,4-Dinitrophenol	0.138	0.106	0.010	-23.4054	40.0
4-Nitrophenol	0.234	0.220	0.010	-6.2474	40.0
Dibenzofuran	1.613	1.717	0.300	6.4561	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG112224 SAS No.: BG112224 SDG No.: BG112224

Instrument ID: BNA_G Calibration Date/Time: 11/22/2024 : 09:05

Lab File ID: BG063511.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020547 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.411	0.422	0.070	2.7797	30.0
Diethylphthalate	1.336	1.434	0.300	7.3335	20.0
Fluorene	1.373	1.441	0.200	4.9232	20.0
4-Chlorophenyl-phenylether	0.819	0.862	0.100	5.2079	20.0
4-Nitroaniline	0.252	0.279	0.010	11.0446	40.0
4,6-Dinitro-2-methylphenol	0.120	0.121	0.010	1.0188	40.0
N-Nitrosodiphenylamine	0.475	0.516	0.050	8.6731	20.0
1,2,4,5-Tetrachlorobenzene	0.703	0.712	0.100	1.2825	20.0
4-Bromophenyl-phenylether	0.224	0.242	0.070	7.7841	20.0
Hexachlorobenzene	0.235	0.253	0.050	7.5552	25.0
Atrazine	0.229	0.252	0.010	9.8711	25.0
Pentachlorophenol	0.110	0.082	0.010	-25.4145	40.0
Phenanthrene	0.953	1.025	0.200	7.5415	20.0
Pentachlorobenzene	0.287	0.302	0.050	5.1653	20.0
Anthracene	0.974	1.064	0.200	9.2628	20.0
1,2,3,4-Tetrachlorobenzene	0.291	0.302	0.050	3.7538	20.0
Carbazole	0.808	0.912	0.050	12.943	40.0
Di-n-butylphthalate	0.926	1.034	0.500	11.6605	25.0
Fluoranthene	1.109	1.173	0.400	5.774	25.0
Pyrene	1.188	1.282	0.400	7.9674	25.0
Butylbenzylphthalate	0.385	0.405	0.100	5.0696	40.0
3,3-Dichlorobenzidine	0.430	0.478	0.010	11.3551	40.0
Benzo (a) anthracene	1.293	1.385	0.300	7.1214	30.0
Chrysene	1.209	1.305	0.200	7.9414	30.0
Bis(2-ethylhexyl)phthalate	0.560	0.623	0.200	11.1526	40.0
Di-n-octyl phthalate	0.887	0.975	0.010	9.8718	40.0
Benzo (b) fluoranthene	1.201	1.274	0.200	6.0809	25.0
Benzo (k) fluoranthene	1.205	1.249	0.200	3.6319	25.0
Benzo (a) pyrene	1.124	1.197	0.200	6.5387	20.0
Indeno (1,2,3-cd) pyrene	1.394	1.465	0.200	5.1118	25.0
Dibenzo (a,h) anthracene	1.140	1.203	0.200	5.5479	30.0
Benzo (g,h,i) perylene	1.057	1.110	0.200	5.0302	30.0
2,3,4,6-Tetrachlorophenol	0.378	0.356	0.040	-5.7862	20.0
1,4-Dioxane-d8	0.507	0.493	0.010	-2.6675	25.0
Pyridine-d5	1.588	1.467	0.010	-7.6445	40.0
Phenol-d5	1.645	1.766	0.010	7.3806	25.0
Bis- (2-Chloroethyl) ether-d8	1.055	1.121	0.050	6.2544	25.0
2-Chlorophenol-d4	1.166	1.283	0.200	10.0613	20.0
4-Methylphenol-d8	1.375	1.359	0.010	-1.1075	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG112224 SAS No.: BG112224 SDG No.: BG112224

Instrument ID: BNA_G Calibration Date/Time: 11/22/2024 : 09:05

Lab File ID: BG063511.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020547 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.153	0.050	6.1883	20.0
2-Nitrophenol-d4	0.177	0.181	0.050	2.1696	30.0
2,4-Dichlorophenol-d3	0.339	0.356	0.060	5.0709	20.0
4-Chloroaniline-d4	0.428	0.439	0.010	2.3729	40.0
Dimethylphthalate-d6	1.358	1.471	0.300	8.3401	20.0
Acenaphthylene-d8	1.548	1.656	0.400	6.9626	20.0
4-Nitrophenol-d4	0.202	0.188	0.010	-7.0031	40.0
Fluorene-d10	1.234	1.314	0.100	6.4958	20.0
4,6-Dinitro-2-methylphenol-d2	0.112	0.109	0.010	-2.9233	40.0
Anthracene-d10	0.869	0.946	0.300	8.9254	20.0
Pyrene-d10	1.003	1.066	0.300	6.3598	25.0
Benzo(a)pyrene-d12	0.970	1.028	0.010	5.9544	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG112224 SAS No.: BG112224 SDG No.: BG112224

Instrument ID: BNA_G Calibration Date/Time: 11/22/2024 : 13:47

Lab File ID: BG063518.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020548 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.598	0.523	0.010	-12.6472	40.0
Benzaldehyde	0.941	1.205	0.010	27.9873	40.0
Pyridine	1.616	1.559	0.010	-3.5123	40.0
Phenol	1.794	1.892	0.080	5.5084	20.0
Bis(2-Chloroethyl)ether	1.295	1.357	0.100	4.7853	20.0
2-Chlorophenol	1.244	1.324	0.200	6.3696	20.0
2-Methylphenol	1.335	1.339	0.010	0.3526	20.0
2,2-oxybis(1-Chloropropane)	1.897	1.955	0.010	3.0859	40.0
Acetophenone	2.171	2.235	0.060	2.9409	20.0
4-Methylphenol	1.464	1.483	0.010	1.3012	20.0
N-Nitroso-di-n-propylamine	1.213	1.312	0.050	8.1123	30.0
Hexachloroethane	0.537	0.572	0.100	6.3931	20.0
Nitrobenzene	0.441	0.456	0.050	3.5166	25.0
Isophorone	0.805	0.825	0.050	2.5612	25.0
2-Nitrophenol	0.176	0.188	0.050	6.5318	25.0
2,4-Dimethylphenol	0.379	0.391	0.050	3.0365	25.0
Bis(2-Chloroethoxy)methane	0.445	0.462	0.050	3.779	20.0
2,4-Dichlorophenol	0.331	0.346	0.060	4.5852	20.0
Naphthalene	1.022	1.109	0.200	8.5122	20.0
4-Chloroaniline	0.409	0.422	0.010	3.1453	40.0
Hexachlorobutadiene	0.295	0.304	0.040	2.9251	30.0
Caprolactam	0.112	0.107	0.010	-3.7089	40.0
4-Chloro-3-methylphenol	0.337	0.355	0.040	5.3727	25.0
1-Methylnaphthalene	0.762	0.787	0.100	3.2876	20.0
2-Methylnaphthalene	0.726	0.777	0.100	7.0374	20.0
Hexachlorocyclopentadiene	0.300	0.251	0.010	-16.2739	40.0
2,4,6-Trichlorophenol	0.386	0.386	0.090	0.2209	25.0
2,4,5-Trichlorophenol	0.398	0.426	0.100	7.1387	25.0
1,1-Biphenyl	1.327	1.404	0.200	5.772	20.0
2-Chloronaphthalene	1.043	1.071	0.300	2.6992	20.0
2-Nitroaniline	0.329	0.345	0.050	4.904	40.0
Dimethylphthalate	1.323	1.408	0.300	6.4675	20.0
2,6-Dinitrotoluene	0.268	0.290	0.080	8.0814	30.0
Acenaphthylene	1.556	1.677	0.400	7.7362	20.0
3-Nitroaniline	0.246	0.283	0.010	15.0061	40.0
Acenaphthene	1.124	1.195	0.200	6.3031	20.0
2,4-Dinitrophenol	0.138	0.106	0.010	-22.9343	40.0
4-Nitrophenol	0.234	0.207	0.010	-11.6621	40.0
Dibenzofuran	1.613	1.735	0.300	7.5601	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG112224 SAS No.: BG112224 SDG No.: BG112224

Instrument ID: BNA_G Calibration Date/Time: 11/22/2024 : 13:47

Lab File ID: BG063518.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020548 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.411	0.437	0.070	6.4316	30.0
Diethylphthalate	1.336	1.422	0.300	6.3923	20.0
Fluorene	1.373	1.457	0.200	6.1222	20.0
4-Chlorophenyl-phenylether	0.819	0.879	0.100	7.2954	20.0
4-Nitroaniline	0.252	0.293	0.010	16.3257	40.0
4,6-Dinitro-2-methylphenol	0.120	0.121	0.010	0.45	40.0
N-Nitrosodiphenylamine	0.475	0.500	0.050	5.3765	20.0
1,2,4,5-Tetrachlorobenzene	0.703	0.730	0.100	3.9094	20.0
4-Bromophenyl-phenylether	0.224	0.231	0.070	3.247	20.0
Hexachlorobenzene	0.235	0.243	0.050	3.5765	25.0
Atrazine	0.229	0.246	0.010	7.1121	25.0
Pentachlorophenol	0.110	0.085	0.010	-22.7606	40.0
Phenanthrene	0.953	1.017	0.200	6.7171	20.0
Pentachlorobenzene	0.287	0.289	0.050	0.6445	20.0
Anthracene	0.974	1.028	0.200	5.6042	20.0
1,2,3,4-Tetrachlorobenzene	0.291	0.298	0.050	2.3475	20.0
Carbazole	0.808	0.895	0.050	10.7395	40.0
Di-n-butylphthalate	0.926	1.003	0.500	8.3347	25.0
Fluoranthene	1.109	1.197	0.400	7.9974	25.0
Pyrene	1.188	1.283	0.400	7.9936	25.0
Butylbenzylphthalate	0.385	0.411	0.100	6.5972	40.0
3,3-Dichlorobenzidine	0.430	0.493	0.010	14.8626	40.0
Benzo (a) anthracene	1.293	1.423	0.300	10.0714	30.0
Chrysene	1.209	1.323	0.200	9.3684	30.0
Bis(2-ethylhexyl)phthalate	0.560	0.603	0.200	7.6231	40.0
Di-n-octyl phthalate	0.887	0.972	0.010	9.4975	40.0
Benzo (b) fluoranthene	1.201	1.315	0.200	9.5283	25.0
Benzo (k) fluoranthene	1.205	1.279	0.200	6.1407	25.0
Benzo (a) pyrene	1.124	1.190	0.200	5.9208	20.0
Indeno (1,2,3-cd) pyrene	1.394	1.461	0.200	4.7781	25.0
Dibenzo (a,h) anthracene	1.140	1.204	0.200	5.6746	30.0
Benzo (g,h,i) perylene	1.057	1.115	0.200	5.4693	30.0
2,3,4,6-Tetrachlorophenol	0.378	0.379	0.040	0.1847	20.0
1,4-Dioxane-d8	0.507	0.483	0.010	-4.5892	25.0
Pyridine-d5	1.588	1.462	0.010	-7.9248	40.0
Phenol-d5	1.645	1.741	0.010	5.8427	25.0
Bis- (2-Chloroethyl) ether-d8	1.055	1.106	0.050	4.8521	25.0
2-Chlorophenol-d4	1.166	1.280	0.200	9.7781	20.0
4-Methylphenol-d8	1.375	1.386	0.010	0.8092	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG112224 SAS No.: BG112224 SDG No.: BG112224

Instrument ID: BNA_G Calibration Date/Time: 11/22/2024 : 13:47

Lab File ID: BG063518.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020548 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.146	0.050	1.5743	20.0
2-Nitrophenol-d4	0.177	0.177	0.050	-0.2024	30.0
2,4-Dichlorophenol-d3	0.339	0.353	0.060	4.2951	20.0
4-Chloroaniline-d4	0.428	0.439	0.010	2.3953	40.0
Dimethylphthalate-d6	1.358	1.450	0.300	6.7784	20.0
Acenaphthylene-d8	1.548	1.646	0.400	6.3361	20.0
4-Nitrophenol-d4	0.202	0.194	0.010	-3.6977	40.0
Fluorene-d10	1.234	1.304	0.100	5.7141	20.0
4,6-Dinitro-2-methylphenol-d2	0.112	0.109	0.010	-3.1	40.0
Anthracene-d10	0.869	0.919	0.300	5.7256	20.0
Pyrene-d10	1.003	1.083	0.300	8.0137	25.0
Benzo(a)pyrene-d12	0.970	1.022	0.010	5.3843	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.: BG112224 SAS No.: BG112224 SDG No.: BG112224

Instrument ID: BNA_G Calibration Date/Time: 11/22/2024 : 23:26

Lab File ID: BG063532.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020549 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.598	0.627	0.010	4.7799	40.0
Benzaldehyde	0.941	1.206	0.010	28.0923	40.0
Pyridine	1.616	1.537	0.010	-4.879	40.0
Phenol	1.794	1.803	0.080	0.5171	20.0
Bis(2-Chloroethyl)ether	1.295	1.344	0.100	3.8304	20.0
2-Chlorophenol	1.244	1.274	0.200	2.4278	20.0
2-Methylphenol	1.335	1.388	0.010	3.9835	20.0
2,2-oxybis(1-Chloropropane)	1.897	1.964	0.010	3.5567	40.0
Acetophenone	2.171	2.292	0.060	5.5586	20.0
4-Methylphenol	1.464	1.520	0.010	3.8242	20.0
N-Nitroso-di-n-propylamine	1.213	1.269	0.050	4.5832	30.0
Hexachloroethane	0.537	0.563	0.100	4.851	20.0
Nitrobenzene	0.441	0.471	0.050	6.938	25.0
Isophorone	0.805	0.849	0.050	5.4737	25.0
2-Nitrophenol	0.176	0.183	0.050	3.8042	25.0
2,4-Dimethylphenol	0.379	0.398	0.050	4.8298	25.0
Bis(2-Chloroethoxy)methane	0.445	0.455	0.050	2.1101	20.0
2,4-Dichlorophenol	0.331	0.352	0.060	6.3583	20.0
Naphthalene	1.022	1.074	0.200	5.0552	20.0
4-Chloroaniline	0.409	0.416	0.010	1.5777	40.0
Hexachlorobutadiene	0.295	0.306	0.040	3.5353	30.0
Caprolactam	0.112	0.113	0.010	1.509	40.0
4-Chloro-3-methylphenol	0.337	0.359	0.040	6.659	25.0
1-Methylnaphthalene	0.762	0.821	0.100	7.7008	20.0
2-Methylnaphthalene	0.726	0.773	0.100	6.4657	20.0
Hexachlorocyclopentadiene	0.300	0.273	0.010	-8.8142	40.0
2,4,6-Trichlorophenol	0.386	0.392	0.090	1.6005	25.0
2,4,5-Trichlorophenol	0.398	0.412	0.100	3.5229	25.0
1,1-Biphenyl	1.327	1.384	0.200	4.2564	20.0
2-Chloronaphthalene	1.043	1.097	0.300	5.1849	20.0
2-Nitroaniline	0.329	0.356	0.050	8.3604	40.0
Dimethylphthalate	1.323	1.408	0.300	6.4472	20.0
2,6-Dinitrotoluene	0.268	0.297	0.080	10.7322	30.0
Acenaphthylene	1.556	1.661	0.400	6.6917	20.0
3-Nitroaniline	0.246	0.270	0.010	9.7912	40.0
Acenaphthene	1.124	1.192	0.200	6.0545	20.0
2,4-Dinitrophenol	0.138	0.118	0.010	-14.5872	40.0
4-Nitrophenol	0.234	0.241	0.010	2.6816	40.0
Dibenzofuran	1.613	1.760	0.300	9.1288	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG112224 SAS No.: BG112224 SDG No.: BG112224

Instrument ID: BNA_G Calibration Date/Time: 11/22/2024 : 23:26

Lab File ID: BG063532.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020549 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.411	0.458	0.070	11.5778	30.0
Diethylphthalate	1.336	1.452	0.300	8.6613	20.0
Fluorene	1.373	1.471	0.200	7.1276	20.0
4-Chlorophenyl-phenylether	0.819	0.898	0.100	9.6522	20.0
4-Nitroaniline	0.252	0.289	0.010	14.6966	40.0
4,6-Dinitro-2-methylphenol	0.120	0.125	0.010	4.4437	40.0
N-Nitrosodiphenylamine	0.475	0.485	0.050	2.2136	20.0
1,2,4,5-Tetrachlorobenzene	0.703	0.726	0.100	3.292	20.0
4-Bromophenyl-phenylether	0.224	0.240	0.070	7.054	20.0
Hexachlorobenzene	0.235	0.256	0.050	8.7905	25.0
Atrazine	0.229	0.246	0.010	7.2588	25.0
Pentachlorophenol	0.110	0.087	0.010	-20.5757	40.0
Phenanthrene	0.953	1.031	0.200	8.179	20.0
Pentachlorobenzene	0.287	0.300	0.050	4.3485	20.0
Anthracene	0.974	1.049	0.200	7.7899	20.0
1,2,3,4-Tetrachlorobenzene	0.291	0.292	0.050	0.2585	20.0
Carbazole	0.808	0.907	0.050	12.2997	40.0
Di-n-butylphthalate	0.926	1.033	0.500	11.571	25.0
Fluoranthene	1.109	1.238	0.400	11.6522	25.0
Pyrene	1.188	1.301	0.400	9.5635	25.0
Butylbenzylphthalate	0.385	0.422	0.100	9.4842	40.0
3,3-Dichlorobenzidine	0.430	0.496	0.010	15.437	40.0
Benzo (a) anthracene	1.293	1.417	0.300	9.5344	30.0
Chrysene	1.209	1.325	0.200	9.6149	30.0
Bis (2-ethylhexyl) phthalate	0.560	0.601	0.200	7.3105	40.0
Di-n-octyl phthalate	0.887	0.984	0.010	10.9345	40.0
Benzo (b) fluoranthene	1.201	1.324	0.200	10.2246	25.0
Benzo (k) fluoranthene	1.205	1.283	0.200	6.4425	25.0
Benzo (a) pyrene	1.124	1.203	0.200	7.0002	20.0
Indeno (1,2,3-cd) pyrene	1.394	1.483	0.200	6.4113	25.0
Dibenzo (a,h) anthracene	1.140	1.196	0.200	4.952	30.0
Benzo (g,h,i) perylene	1.057	1.115	0.200	5.5136	30.0
2,3,4,6-Tetrachlorophenol	0.378	0.383	0.040	1.2334	20.0
1,4-Dioxane-d8	0.507	0.536	0.010	5.8264	25.0
Pyridine-d5	1.588	1.410	0.010	-11.2223	40.0
Phenol-d5	1.645	1.684	0.010	2.377	25.0
Bis- (2-Chloroethyl) ether-d8	1.055	1.099	0.050	4.1709	25.0
2-Chlorophenol-d4	1.166	1.193	0.200	2.3213	20.0
4-Methylphenol-d8	1.375	1.461	0.010	6.292	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG112224 SAS No.: BG112224 SDG No.: BG112224

Instrument ID: BNA_G Calibration Date/Time: 11/22/2024 : 23:26

Lab File ID: BG063532.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020549 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.154	0.050	7.0299	20.0
2-Nitrophenol-d4	0.177	0.187	0.050	5.5935	30.0
2,4-Dichlorophenol-d3	0.339	0.363	0.060	7.1467	20.0
4-Chloroaniline-d4	0.428	0.444	0.010	3.5909	40.0
Dimethylphthalate-d6	1.358	1.479	0.300	8.9438	20.0
Acenaphthylene-d8	1.548	1.659	0.400	7.1834	20.0
4-Nitrophenol-d4	0.202	0.206	0.010	2.3333	40.0
Fluorene-d10	1.234	1.342	0.100	8.7442	20.0
4,6-Dinitro-2-methylphenol-d2	0.112	0.115	0.010	2.1361	40.0
Anthracene-d10	0.869	0.934	0.300	7.4983	20.0
Pyrene-d10	1.003	1.110	0.300	10.7415	25.0
Benzo(a)pyrene-d12	0.970	1.038	0.010	6.9849	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.: BG112224 SAS No.: BG112224 SDG No.: BG112224

Instrument ID: BNA_G Calibration Date/Time: 11/23/2024 : 07:02

Lab File ID: BG063543.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020550 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.598	0.492	0.010	-17.821	50.0
Benzaldehyde	0.941	1.207	0.010	28.2367	50.0
Pyridine	1.616	1.472	0.010	-8.908	50.0
Phenol	1.794	1.862	0.080	3.809	50.0
Bis(2-Chloroethyl)ether	1.295	1.340	0.100	3.5351	50.0
2-Chlorophenol	1.244	1.335	0.200	7.2539	50.0
2-Methylphenol	1.335	1.396	0.010	4.6233	50.0
2,2-oxybis(1-Chloropropane)	1.897	1.942	0.010	2.3843	50.0
Acetophenone	2.171	2.342	0.060	7.8648	50.0
4-Methylphenol	1.464	1.585	0.010	8.3121	50.0
N-Nitroso-di-n-propylamine	1.213	1.309	0.050	7.8537	50.0
Hexachloroethane	0.537	0.576	0.100	7.2543	50.0
Nitrobenzene	0.441	0.482	0.050	9.2973	50.0
Isophorone	0.805	0.872	0.050	8.3233	50.0
2-Nitrophenol	0.176	0.202	0.050	14.4845	50.0
2,4-Dimethylphenol	0.379	0.410	0.050	7.9304	50.0
Bis(2-Chloroethoxy)methane	0.445	0.470	0.050	5.6252	50.0
2,4-Dichlorophenol	0.331	0.356	0.060	7.4625	50.0
Naphthalene	1.022	1.108	0.200	8.4028	50.0
4-Chloroaniline	0.409	0.435	0.010	6.3575	50.0
Hexachlorobutadiene	0.295	0.326	0.040	10.4073	50.0
Caprolactam	0.112	0.120	0.010	7.6855	50.0
4-Chloro-3-methylphenol	0.337	0.390	0.040	15.6666	50.0
1-Methylnaphthalene	0.762	0.842	0.100	10.4421	50.0
2-Methylnaphthalene	0.726	0.802	0.100	10.4979	50.0
Hexachlorocyclopentadiene	0.300	0.278	0.010	-7.1031	50.0
2,4,6-Trichlorophenol	0.386	0.404	0.090	4.7014	50.0
2,4,5-Trichlorophenol	0.398	0.432	0.100	8.4241	50.0
1,1-Biphenyl	1.327	1.429	0.200	7.6369	50.0
2-Chloronaphthalene	1.043	1.124	0.300	7.7303	50.0
2-Nitroaniline	0.329	0.392	0.050	19.3224	50.0
Dimethylphthalate	1.323	1.476	0.300	11.5981	50.0
2,6-Dinitrotoluene	0.268	0.306	0.080	14.033	50.0
Acenaphthylene	1.556	1.697	0.400	9.0398	50.0
3-Nitroaniline	0.246	0.296	0.010	20.4193	50.0
Acenaphthene	1.124	1.236	0.200	9.9217	50.0
2,4-Dinitrophenol	0.138	0.135	0.010	-2.0307	50.0
4-Nitrophenol	0.234	0.272	0.010	15.8297	50.0
Dibenzofuran	1.613	1.803	0.300	11.764	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG112224 SAS No.: BG112224 SDG No.: BG112224

Instrument ID: BNA_G Calibration Date/Time: 11/23/2024 : 07:02

Lab File ID: BG063543.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020550 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.411	0.484	0.070	17.7426	50.0
Diethylphthalate	1.336	1.501	0.300	12.3332	50.0
Fluorene	1.373	1.527	0.200	11.2127	50.0
4-Chlorophenyl-phenylether	0.819	0.913	0.100	11.4963	50.0
4-Nitroaniline	0.252	0.308	0.010	22.2694	50.0
4,6-Dinitro-2-methylphenol	0.120	0.130	0.010	7.9027	50.0
N-Nitrosodiphenylamine	0.475	0.512	0.050	7.7462	50.0
1,2,4,5-Tetrachlorobenzene	0.703	0.763	0.100	8.522	50.0
4-Bromophenyl-phenylether	0.224	0.246	0.070	9.6893	50.0
Hexachlorobenzene	0.235	0.250	0.050	6.2891	50.0
Atrazine	0.229	0.248	0.010	8.144	50.0
Pentachlorophenol	0.110	0.116	0.010	5.578	50.0
Phenanthrene	0.953	1.053	0.200	10.4009	50.0
Pentachlorobenzene	0.287	0.305	0.050	6.2386	50.0
Anthracene	0.974	1.055	0.200	8.3159	50.0
1,2,3,4-Tetrachlorobenzene	0.291	0.299	0.050	2.5751	50.0
Carbazole	0.808	0.940	0.050	16.4038	50.0
Di-n-butylphthalate	0.926	1.076	0.500	16.2055	50.0
Fluoranthene	1.109	1.287	0.400	16.0756	50.0
Pyrene	1.188	1.412	0.400	18.879	50.0
Butylbenzylphthalate	0.385	0.451	0.100	17.077	50.0
3,3-Dichlorobenzidine	0.430	0.503	0.010	17.0236	50.0
Benzo (a) anthracene	1.293	1.463	0.300	13.1206	50.0
Chrysene	1.209	1.394	0.200	15.3142	50.0
Bis(2-ethylhexyl)phthalate	0.560	0.653	0.200	16.6253	50.0
Di-n-octyl phthalate	0.887	1.063	0.010	19.7987	50.0
Benzo (b) fluoranthene	1.201	1.373	0.200	14.3335	50.0
Benzo (k) fluoranthene	1.205	1.367	0.200	13.4432	50.0
Benzo (a) pyrene	1.124	1.263	0.200	12.3571	50.0
Indeno (1,2,3-cd) pyrene	1.394	1.557	0.200	11.7141	50.0
Dibenzo (a,h) anthracene	1.140	1.314	0.200	15.2838	50.0
Benzo (g,h,i) perylene	1.057	1.182	0.200	11.7989	50.0
2,3,4,6-Tetrachlorophenol	0.378	0.419	0.040	10.6981	50.0
Pyridine-d5	1.588	1.405	0.010	-11.5476	50.0
1,4-Dioxane-d8	0.507	0.445	0.010	-12.1903	50.0
Phenol-d5	1.645	1.739	0.010	5.6927	50.0
Bis- (2-Chloroethyl) ether-d8	1.055	1.114	0.050	5.6008	50.0
2-Chlorophenol-d4	1.166	1.253	0.200	7.4756	50.0
4-Methylphenol-d8	1.375	1.490	0.010	8.386	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG112224 SAS No.: BG112224 SDG No.: BG112224

Instrument ID: BNA_G Calibration Date/Time: 11/23/2024 : 07:02

Lab File ID: BG063543.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020550 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.156	0.050	8.8272	50.0
2-Nitrophenol-d4	0.177	0.197	0.050	11.3063	50.0
2,4-Dichlorophenol-d3	0.339	0.373	0.060	10.0087	50.0
4-Chloroaniline-d4	0.428	0.474	0.010	10.6676	50.0
Dimethylphthalate-d6	1.358	1.507	0.300	10.9797	50.0
Acenaphthylene-d8	1.548	1.668	0.400	7.754	50.0
4-Nitrophenol-d4	0.202	0.212	0.010	4.9976	50.0
Fluorene-d10	1.234	1.383	0.100	12.1175	50.0
4,6-Dinitro-2-methylphenol-d2	0.112	0.125	0.010	11.204	50.0
Anthracene-d10	0.869	0.966	0.300	11.1513	50.0
Pyrene-d10	1.003	1.129	0.300	12.6147	50.0
Benzo(a)pyrene-d12	0.970	1.085	0.010	11.8255	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK168	SDG No.:	BG112224
Lab Sample ID:	PB165168BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063512.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK168	SDG No.:	BG112224
Lab Sample ID:	PB165168BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063512.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	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	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK168	SDG No.:	BG112224
Lab Sample ID:	PB165168BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063512.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	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	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.541		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	31.04		20-120		78	SPK: -40
4165-62-2	Phenol-d5	32.32		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.273		25-120		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.894		20-130		85	SPK: -40
190780-66-6	4-Methylphenol-d8	31.673		25-125		79	SPK: -40
4165-60-0	Nitrobenzene-d5	33.159		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.187		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.68		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.837		1-146		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.018		25-130		90	SPK: -40
93951-97-4	Acenaphthylene-d8	34.71		10-130		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.81		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	36.354		25-125		91	SPK: -40

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK168	SDG No.:	BG112224
Lab Sample ID:	PB165168BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063512.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.396		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	36.245		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	36.421		15-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.671		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88272	7.829				
1146-65-2	Naphthalene-d8	354158	10.62				
15067-26-2	Acenaphthene-d10	279798	14.468				
1517-22-2	Phenanthrene-d10	717581	17.224				
1719-03-5	Chrysene-d12	844772	21.484				
1520-96-3	Perylene-d12	901603	24.533				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK149	SDG No.:	BG112224
Lab Sample ID:	PB165149BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063513.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	940	U	940	200	2000	ug/Kg
100-52-7	Benzaldehyde	2100	U	2100	2500	10000	ug/Kg
110-86-1	Pyridine	3500	U	3500	5000	10000	ug/Kg
108-95-2	Phenol	1500	U	1500	2500	10000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1900	U	1900	2500	10000	ug/Kg
95-57-8	2-Chlorophenol	1500	U	1500	1300	5000	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	2500	10000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2500	10000	ug/Kg
98-86-2	Acetophenone	1500	U	1500	2500	10000	ug/Kg
106-44-5	4-Methylphenol	1500	U	1500	2500	10000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2100	U	2100	1300	5000	ug/Kg
67-72-1	Hexachloroethane	1700	U	1700	1300	5000	ug/Kg
98-95-3	Nitrobenzene	1800	U	1800	1300	5000	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	870	U	870	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	590	U	590	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	970	U	970	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	750	U	750	1300	5000	ug/Kg
91-20-3	Naphthalene	560	U	560	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	900	U	900	1300	10000	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1300	5000	ug/Kg
105-60-2	Caprolactam	2000	U	2000	2500	10000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	U	1100	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	620	U	620	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	760	U	760	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600	U	2600	2500	10000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	960	U	960	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK149	SDG No.:	BG112224
Lab Sample ID:	PB165149BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063513.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	910	U	910	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	850	U	850	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	820	U	820	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500	U	1500	1300	5000	ug/Kg
208-96-8	Acenaphthylene	870	U	870	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	1300	U	1300	2500	10000	ug/Kg
83-32-9	Acenaphthene	780	U	780	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	3600	U	3600	2500	10000	ug/Kg
100-02-7	4-Nitrophenol	1600	U	1600	2500	10000	ug/Kg
132-64-9	Dibenzofuran	780	U	780	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	960	U	960	1300	5000	ug/Kg
84-66-2	Diethylphthalate	1700	U	1700	1300	5000	ug/Kg
86-73-7	Fluorene	1700	U	1700	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200	U	1200	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	1200	U	1200	2500	10000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	2500	10000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2800	U	2800	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	880	U	880	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900	U	1900	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	2200	U	2200	1300	5000	ug/Kg
1912-24-9	Atrazine	2100	U	2100	2500	10000	ug/Kg
87-86-5	Pentachlorophenol	3300	U	3300	2500	10000	ug/Kg
85-01-8	Phenanthrene	690	U	690	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	2100	U	2100	1300	5000	ug/Kg
120-12-7	Anthracene	570	U	570	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2200	U	2200	1300	5000	ug/Kg
86-74-8	Carbazole	950	U	950	2500	10000	ug/Kg
84-74-2	Di-n-butylphthalate	850	U	850	1300	5000	ug/Kg
206-44-0	Fluoranthene	600	U	600	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK149	SDG No.:	BG112224
Lab Sample ID:	PB165149BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063513.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	620	U	620	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	520	U	520	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000	U	2000	2500	10000	ug/Kg
56-55-3	Benzo(a)anthracene	770	U	770	1300	5000	ug/Kg
218-01-9	Chrysene	650	U	650	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	570	U	570	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	2500	10000	ug/Kg
205-99-2	Benzo(b)fluoranthene	970	U	970	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	840	U	840	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	990	U	990	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	930	U	930	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	770	U	770	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	900	U	900	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800	U	1800	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.385		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	31.504		20-120		79	SPK: -40
4165-62-2	Phenol-d5	35.616		10-130		89	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.664		10-150		92	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.229		15-120		91	SPK: -40
190780-66-6	4-Methylphenol-d8	34.68		10-140		87	SPK: -40
4165-60-0	Nitrobenzene-d5	35.712		10-135		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.748		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.96		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.802		1-145		85	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.618		10-145		97	SPK: -40
93951-97-4	Acenaphthylene-d8	37.324		15-120		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.27		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	37.617		20-140		94	SPK: -40

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK149	SDG No.:	BG112224
Lab Sample ID:	PB165149BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063513.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.804		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	38.313		10-150		96	SPK: -40
1718-52-1	Pyrene-d10	39.403		10-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.868		10-140		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80374	7.829				
1146-65-2	Naphthalene-d8	335462	10.62				
15067-26-2	Acenaphthene-d10	257817	14.474				
1517-22-2	Phenanthrene-d10	652910	17.224				
1719-03-5	Chrysene-d12	764106	21.489				
1520-96-3	Perylene-d12	828876	24.527				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	910	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BG112224
Lab Sample ID:	PB165173BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063514.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	330	ug/Kg
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
108-95-2	Phenol	30	U	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.5	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.5	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.5	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BG112224
Lab Sample ID:	PB165173BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063514.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.5	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.5	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BG112224
Lab Sample ID:	PB165173BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063514.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.477		15-120		81	SPK: -8
7291-22-7	Pyridine-d5	30.092		20-120		75	SPK: -40
4165-62-2	Phenol-d5	35.165		10-130		88	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.347		10-150		91	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.152		15-120		90	SPK: -40
190780-66-6	4-Methylphenol-d8	34.119		10-140		85	SPK: -40
4165-60-0	Nitrobenzene-d5	36.805		10-135		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.228		10-120		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.19		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.359		1-145		86	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.724		10-145		97	SPK: -40
93951-97-4	Acenaphthylene-d8	36.949		15-120		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.946		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	38.189		20-140		95	SPK: -40

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BG112224
Lab Sample ID:	PB165173BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063514.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.428		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	38.856		10-150		97	SPK: -40
1718-52-1	Pyrene-d10	39.983		10-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.208		10-140		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87761	7.832				
1146-65-2	Naphthalene-d8	357258	10.623				
15067-26-2	Acenaphthene-d10	281882	14.471				
1517-22-2	Phenanthrene-d10	691028	17.227				
1719-03-5	Chrysene-d12	762578	21.487				
1520-96-3	Perylene-d12	828935	24.53				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT4-2024-08	SDG No.:	BG112224
Lab Sample ID:	P4776-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063515.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	5.2	J	2.3	5	10	ug/L
110-86-1	Pyridine	3.8	J	2.2	10	10	ug/L
108-95-2	Phenol	4.2	J	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	4.6	J	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	4.6	J	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	4.4	J	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.5	J	1.2	5	10	ug/L
98-86-2	Acetophenone	4.4	J	0.89	5	10	ug/L
106-44-5	4-Methylphenol	4.4	J	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	4.4	J	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	4.7	J	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	4.6	J	0.99	2.5	5	ug/L
78-59-1	Isophorone	4.2	J	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.7	J	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	4	J	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	4.4	J	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4.5	J	0.93	2.5	5	ug/L
91-20-3	Naphthalene	4.7	J	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	4.2	J	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.3	J	0.98	2.5	5	ug/L
105-60-2	Caprolactam	4.8	J	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	4.3	J	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	4.2	J	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	4.5	J	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	4.6	J	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	3.7	J	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	4.1	J	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT4-2024-08	SDG No.:	BG112224
Lab Sample ID:	P4776-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063515.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4.5	J	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.4	J	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	4	J	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	4.6	J	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	4.1	J	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	4.7	J	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	4.1	J	1.5	5	10	ug/L
83-32-9	Acenaphthene	4.6	J	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	4.6	J	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	3.9	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	4.7	J	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.1	J	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	4.3	J	0.87	2.5	5	ug/L
86-73-7	Fluorene	4.6	J	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.6	J	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	4.4	J	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.8	J	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	4.7	J	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.2	J	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.5	J	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	4.5	J	0.56	2.5	5	ug/L
1912-24-9	Atrazine	4.7	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	4.4	J	2.5	5	10	ug/L
85-01-8	Phenanthrene	4.8	J	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	4.2	J	1.2	2.5	5	ug/L
120-12-7	Anthracene	4.7	J	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	3.9	J	0.92	2.5	5	ug/L
86-74-8	Carbazole	4.6	J	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	4.5	J	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	4.6	J	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT4-2024-08	SDG No.:	BG112224
Lab Sample ID:	P4776-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063515.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4.7	J	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	4.3	J	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	4.8	J	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	4.6	J	0.56	2.5	5	ug/L
218-01-9	Chrysene	4.8	J	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.4	J	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	4.5	J	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.5	J	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.6	J	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	4.3	J	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.3	J	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.5	J	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.5	J	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.8	J	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.496		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	11.24		20-120		28	SPK: -40
4165-62-2	Phenol-d5	13.315		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.652		25-120		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.964		20-130		35	SPK: -40
190780-66-6	4-Methylphenol-d8	12.957		25-125		32	SPK: -40
4165-60-0	Nitrobenzene-d5	13.275		20-125		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.524		20-130		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.055		20-120		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.882		1-146		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.651		25-130		34	SPK: -40
93951-97-4	Acenaphthylene-d8	13.611		10-130		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.807		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	13.862		25-125		35	SPK: -40

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT4-2024-08	SDG No.:	BG112224
Lab Sample ID:	P4776-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063515.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.85		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	13.511		25-130		34	SPK: -40
1718-52-1	Pyrene-d10	14.138		15-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.645		20-130		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99983	7.827				
1146-65-2	Naphthalene-d8	424421	10.618				
15067-26-2	Acenaphthene-d10	338666	14.472				
1517-22-2	Phenanthrene-d10	806149	17.227				
1719-03-5	Chrysene-d12	881161	21.487				
1520-96-3	Perylene-d12	935717	24.531				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT4-2024-08	SDG No.:	BG112224
Lab Sample ID:	P4776-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063516.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	J	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	160	J	58	82.5	330	ug/Kg
110-86-1	Pyridine	120	J	77	170	330	ug/Kg
108-95-2	Phenol	140	J	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	130	J	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	130	J	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	140	J	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	J	40	82.5	330	ug/Kg
98-86-2	Acetophenone	140	J	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	130	J	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	J	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	150	J	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	150	J	64	42.5	170	ug/Kg
78-59-1	Isophorone	140	J	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	140	J	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	130	J	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	J	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	140	J	38	42.5	170	ug/Kg
91-20-3	Naphthalene	150	J	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	150	J	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	150	J	35	42.5	170	ug/Kg
105-60-2	Caprolactam	140	J	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	J	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	130	J	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	150	J	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	J	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	J	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	J	33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT4-2024-08	SDG No.:	BG112224
Lab Sample ID:	P4776-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063516.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	160	J	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	150	J	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	150	J	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	160	J	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	J	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	160	J	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	150	J	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	160	J	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	160	J	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	140	J	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	160	J	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	J	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	150	J	33	42.5	170	ug/Kg
86-73-7	Fluorene	160	J	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160	J	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	140	J	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	J	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	150	J	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	J	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	J	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	150	J	28	42.5	170	ug/Kg
1912-24-9	Atrazine	160	J	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	140	J	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	150	J	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	140	J	37	42.5	170	ug/Kg
120-12-7	Anthracene	150	J	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	130	J	17	42.5	170	ug/Kg
86-74-8	Carbazole	150	J	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	150	J	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	150	J	19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT4-2024-08	SDG No.:	BG112224
Lab Sample ID:	P4776-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063516.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	140	J	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	J	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	23	42.5	170	ug/Kg
218-01-9	Chrysene	160	J	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	J	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	150	J	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	J	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	J	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.152		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	10.879		20-120		27	SPK: -40
4165-62-2	Phenol-d5	12.252		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.772		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.867		15-120		32	SPK: -40
190780-66-6	4-Methylphenol-d8	12.602		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	12.514		10-135		31	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.441		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.372		10-140		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.914		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.138		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	13.817		15-120		35	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.078		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	13.84		20-140		35	SPK: -40

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT4-2024-08	SDG No.:	BG112224
Lab Sample ID:	P4776-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063516.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.194		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	13.566		10-150		34	SPK: -40
1718-52-1	Pyrene-d10	14.007		10-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.551		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101978	7.829				
1146-65-2	Naphthalene-d8	408786	10.62				
15067-26-2	Acenaphthene-d10	314265	14.474				
1517-22-2	Phenanthrene-d10	785473	17.224				
1719-03-5	Chrysene-d12	889546	21.484				
1520-96-3	Perylene-d12	945476	24.533				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-08	SDG No.:	BG112224
Lab Sample ID:	P4776-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063517.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1100	J	920	190	2000	ug/Kg
100-52-7	Benzaldehyde	4700	J	2100	2400	9800	ug/Kg
110-86-1	Pyridine	3400	J	3400	4900	9800	ug/Kg
108-95-2	Phenol	4200	J	1500	2400	9800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4000	J	1900	2400	9800	ug/Kg
95-57-8	2-Chlorophenol	4100	J	1500	1300	4900	ug/Kg
95-48-7	2-Methylphenol	4100	J	1200	2400	9800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4100	J	2000	2400	9800	ug/Kg
98-86-2	Acetophenone	4000	J	1500	2400	9800	ug/Kg
106-44-5	4-Methylphenol	3900	J	1500	2400	9800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4200	J	2100	1300	4900	ug/Kg
67-72-1	Hexachloroethane	4000	J	1700	1300	4900	ug/Kg
98-95-3	Nitrobenzene	4400	J	1800	1300	4900	ug/Kg
78-59-1	Isophorone	4300	J	1100	1300	4900	ug/Kg
88-75-5	2-Nitrophenol	4300	J	850	1300	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	4000	J	580	1300	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4500	J	950	1300	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	4400	J	740	1300	4900	ug/Kg
91-20-3	Naphthalene	4400	J	550	1300	4900	ug/Kg
106-47-8	4-Chloroaniline	4300	J	880	1300	9800	ug/Kg
87-68-3	Hexachlorobutadiene	4400	J	1200	1300	4900	ug/Kg
105-60-2	Caprolactam	3700	J	2000	2400	9800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4200	J	1100	1300	4900	ug/Kg
90-12-0	1-Methylnaphthalene	4200	J	610	1300	4900	ug/Kg
91-57-6	2-Methylnaphthalene	4600	J	750	1300	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4400	J	2500	2400	9800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4100	J	1200	1300	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4100	J	940	1300	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-08	SDG No.:	BG112224
Lab Sample ID:	P4776-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063517.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4500	J	890	1300	4900	ug/Kg
91-58-7	2-Chloronaphthalene	4500	J	830	1300	4900	ug/Kg
88-74-4	2-Nitroaniline	4000	J	1600	1300	4900	ug/Kg
131-11-3	Dimethylphthalate	4600	J	800	1300	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	4700	J	1500	1300	4900	ug/Kg
208-96-8	Acenaphthylene	4700	J	850	1300	4900	ug/Kg
99-09-2	3-Nitroaniline	4100	J	1300	2400	9800	ug/Kg
83-32-9	Acenaphthene	4600	J	760	1300	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	4300	J	3500	2400	9800	ug/Kg
100-02-7	4-Nitrophenol	4100	J	1600	2400	9800	ug/Kg
132-64-9	Dibenzofuran	4700	J	760	1300	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	4200	J	940	1300	4900	ug/Kg
84-66-2	Diethylphthalate	4500	J	1700	1300	4900	ug/Kg
86-73-7	Fluorene	4600	J	1700	1300	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4700	J	1200	1300	4900	ug/Kg
100-01-6	4-Nitroaniline	4600	J	1200	2400	9800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4000	J	2500	2400	9800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4400	J	2700	1300	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4600	J	860	1300	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4300	J	1900	1300	4900	ug/Kg
118-74-1	Hexachlorobenzene	4200	J	2200	1300	4900	ug/Kg
1912-24-9	Atrazine	4500	J	2100	2400	9800	ug/Kg
87-86-5	Pentachlorophenol	4400	J	3200	2400	9800	ug/Kg
85-01-8	Phenanthrene	4500	J	680	1300	4900	ug/Kg
608-93-5	Pentachlorobenzene	4000	J	2100	1300	4900	ug/Kg
120-12-7	Anthracene	4500	J	560	1300	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4100	J	2200	1300	4900	ug/Kg
86-74-8	Carbazole	4500	J	930	2400	9800	ug/Kg
84-74-2	Di-n-butylphthalate	4300	J	830	1300	4900	ug/Kg
206-44-0	Fluoranthene	4500	J	590	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-08	SDG No.:	BG112224
Lab Sample ID:	P4776-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063517.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4400	J	610	1300	4900	ug/Kg
85-68-7	Butylbenzylphthalate	4300	J	510	1300	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	4500	J	2000	2400	9800	ug/Kg
56-55-3	Benzo(a)anthracene	4500	J	750	1300	4900	ug/Kg
218-01-9	Chrysene	4600	J	640	1300	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4200	J	560	1300	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	4500	J	1300	2400	9800	ug/Kg
205-99-2	Benzo(b)fluoranthene	4400	J	950	1300	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	4600	J	820	1300	4900	ug/Kg
50-32-8	Benzo(a)pyrene	4400	J	970	1300	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4300	J	910	1300	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4500	J	750	1300	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4300	J	880	1300	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3400	J	1800	1300	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.155		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	9.949		20-120		25	SPK: -40
4165-62-2	Phenol-d5	12.349		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.886		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.625		15-120		32	SPK: -40
190780-66-6	4-Methylphenol-d8	11.859		10-140		30	SPK: -40
4165-60-0	Nitrobenzene-d5	13.259		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.648		10-120		32	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.4		10-140		33	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.921		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.699		10-145		34	SPK: -40
93951-97-4	Acenaphthylene-d8	13.952		15-120		35	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.661		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	14.001		20-140		35	SPK: -40

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-08	SDG No.:	BG112224
Lab Sample ID:	P4776-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063517.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.804		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	13.425		10-150		34	SPK: -40
1718-52-1	Pyrene-d10	13.96		10-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.762		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104352	7.83				
1146-65-2	Naphthalene-d8	412372	10.621				
15067-26-2	Acenaphthene-d10	318937	14.475				
1517-22-2	Phenanthrene-d10	800405	17.225				
1719-03-5	Chrysene-d12	890735	21.484				
1520-96-3	Perylene-d12	942296	24.528				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	890	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BG112224
Lab Sample ID:	PB165173BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063519.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	330	ug/Kg
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
108-95-2	Phenol	30	U	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.5	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.5	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.5	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BG112224
Lab Sample ID:	PB165173BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063519.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.5	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.5	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BG112224
Lab Sample ID:	PB165173BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063519.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.591		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	23.875		20-120		60	SPK: -40
4165-62-2	Phenol-d5	26.012		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.736		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.128		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	25.156		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	25.354		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.686		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.834		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.533		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.734		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.082		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.453		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	27.616		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BG112224
Lab Sample ID:	PB165173BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063519.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.528		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	27.088		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	26.914		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.706		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81788	7.829				
1146-65-2	Naphthalene-d8	351843	10.62				
15067-26-2	Acenaphthene-d10	279038	14.469				
1517-22-2	Phenanthrene-d10	725446	17.224				
1719-03-5	Chrysene-d12	843235	21.484				
1520-96-3	Perylene-d12	888574	24.533				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	C0TD1	SDG No.:	BG112224
Lab Sample ID:	P4943-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.1
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
BG063520.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7	71	ug/Kg
100-52-7	Benzaldehyde	62	U	62	87.6	350	ug/Kg
110-86-1	Pyridine	82	U	82	180	350	ug/Kg
108-95-2	Phenol	32	U	32	87.6	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	87.6	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.1	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	87.6	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42	U	42	87.6	350	ug/Kg
98-86-2	Acetophenone	70	U	70	87.6	350	ug/Kg
106-44-5	4-Methylphenol	56	U	56	87.6	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	84	U	84	45.1	180	ug/Kg
67-72-1	Hexachloroethane	65	U	65	45.1	180	ug/Kg
98-95-3	Nitrobenzene	68	U	68	45.1	180	ug/Kg
78-59-1	Isophorone	70	U	70	45.1	180	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	45.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	45.1	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	45.1	180	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	45.1	180	ug/Kg
91-20-3	Naphthalene	25	U	25	45.1	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	45.1	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	45.1	180	ug/Kg
105-60-2	Caprolactam	68	U	68	87.6	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	45.1	180	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	45.1	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	45.1	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	87.6	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	25	U	25	45.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	45.1	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	C0TD1	SDG No.:	BG112224
Lab Sample ID:	P4943-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.1
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
BG063520.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.1	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	45.1	180	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	45.1	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.1	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	45.1	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.1	180	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	87.6	350	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	87.6	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	87.6	350	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.1	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	45.1	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	45.1	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.1	180	ug/Kg
100-01-6	4-Nitroaniline	25	U	25	87.6	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	87.6	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	25	U	25	45.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	45.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.1	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.1	180	ug/Kg
1912-24-9	Atrazine	30	U	30	87.6	350	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	87.6	350	ug/Kg
85-01-8	Phenanthrene	29	U	29	45.1	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	45.1	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.1	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.1	180	ug/Kg
86-74-8	Carbazole	36	U	36	87.6	350	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.1	180	ug/Kg
206-44-0	Fluoranthene	20	U	20	87.6	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	C0TD1	SDG No.:	BG112224
Lab Sample ID:	P4943-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.1
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
BG063520.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	19	U	19	45.1	180	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	23	45.1	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	87.6	350	ug/Kg
56-55-3	Benzo(a)anthracene	24	U	24	45.1	180	ug/Kg
218-01-9	Chrysene	25	U	25	45.1	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	45.1	180	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	87.6	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	45.1	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	45.1	180	ug/Kg
50-32-8	Benzo(a)pyrene	33	U	33	45.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	45.1	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	45.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45.1	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	45.1	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.222		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	2.03	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	20.478		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.012		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.579		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	19.821		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	19.365		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.761		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.132		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.953		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.688		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	21.429		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.126		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	22.265		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	C0TD1	SDG No.:	BG112224
Lab Sample ID:	P4943-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.1
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
BG063520.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.487		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	22.571		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	23.688		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.713		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89427	7.83				
1146-65-2	Naphthalene-d8	386620	10.621				
15067-26-2	Acenaphthene-d10	304560	14.476				
1517-22-2	Phenanthrene-d10	749471	17.225				
1719-03-5	Chrysene-d12	829098	21.485				
1520-96-3	Perylene-d12	889625	24.534				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	220	J			15.833	
	(DEL) Alkane: Straight-Chain	21.150	J			21.15	
E966796	Total Alkanes	74				99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	C0TD2	SDG No.:	BG112224
Lab Sample ID:	P4943-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
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
BG063521.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.5	75	ug/Kg
100-52-7	Benzaldehyde	66	U	66	93.3	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	93.3	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93.3	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.1	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93.3	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93.3	370	ug/Kg
98-86-2	Acetophenone	75	U	75	93.3	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93.3	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	48.1	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48.1	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	48.1	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.1	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48.1	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.1	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.1	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.1	370	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.1	190	ug/Kg
105-60-2	Caprolactam	72	U	72	93.3	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	48.1	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.3	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	48.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	C0TD2	SDG No.:	BG112224
Lab Sample ID:	P4943-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063521.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	48.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	48.1	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.1	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.1	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.1	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	93.3	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	48.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93.3	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.3	370	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.1	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	48.1	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.1	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93.3	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93.3	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	48.1	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	48.1	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.1	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93.3	370	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	93.3	370	ug/Kg
85-01-8	Phenanthrene	31	U	31	48.1	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.1	190	ug/Kg
120-12-7	Anthracene	28	U	28	48.1	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.1	190	ug/Kg
86-74-8	Carbazole	38	U	38	93.3	370	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.1	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	93.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	C0TD2	SDG No.:	BG112224
Lab Sample ID:	P4943-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
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
BG063521.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	48.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93.3	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48.1	190	ug/Kg
218-01-9	Chrysene	27	U	27	48.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	48.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93.3	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	48.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	48.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	48.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	48.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.1	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.444		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	18.068		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.567		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.435		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	17.28		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	18.423		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.149		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.988		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.112		1-145		3	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.113		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	21.135		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.249		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	22.732		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	C0TD2	SDG No.:	BG112224
Lab Sample ID:	P4943-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063521.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.972		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	23.176		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	23.253		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.353		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90733	7.83				
1146-65-2	Naphthalene-d8	369795	10.621				
15067-26-2	Acenaphthene-d10	289104	14.475				
1517-22-2	Phenanthrene-d10	721783	17.225				
1719-03-5	Chrysene-d12	829999	21.484				
1520-96-3	Perylene-d12	893990	24.528				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	250	J			15.832	
	(DEL) Alkane: Straight-Chain	21.149	J			21.149	
E966796	Total Alkanes	100				99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	C0TD6	SDG No.:	BG112224
Lab Sample ID:	P4943-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BG063522.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.9	80	ug/Kg
100-52-7	Benzaldehyde	69	U	69	98.6	390	ug/Kg
110-86-1	Pyridine	92	U	92	200	390	ug/Kg
108-95-2	Phenol	36	U	36	98.6	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	98.6	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.8	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.6	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.6	390	ug/Kg
98-86-2	Acetophenone	79	U	79	98.6	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	98.6	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.8	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	50.8	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.8	200	ug/Kg
78-59-1	Isophorone	79	U	79	50.8	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	50.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	50.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.8	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50.8	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	50.8	200	ug/Kg
105-60-2	Caprolactam	76	U	76	98.6	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	50.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.6	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	50.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	C0TD6	SDG No.:	BG112224
Lab Sample ID:	P4943-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BG063522.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.8	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	50.8	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.8	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	50.8	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	98.6	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	98.6	390	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.6	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	50.8	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.8	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.8	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.6	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	98.6	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	50.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	50.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.8	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.8	200	ug/Kg
1912-24-9	Atrazine	33	U	33	98.6	390	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	98.6	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	50.8	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.8	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.8	200	ug/Kg
86-74-8	Carbazole	41	U	41	98.6	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.8	200	ug/Kg
206-44-0	Fluoranthene	23	U	23	98.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	C0TD6	SDG No.:	BG112224
Lab Sample ID:	P4943-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BG063522.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	50.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.6	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	50.8	200	ug/Kg
218-01-9	Chrysene	29	U	29	50.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	98.6	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.939		15-120		24	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	13.483		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.351		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.19		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	13.973		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	14.648		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.587		10-120		34	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.059		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.084		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.871		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	16.185		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.215		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	18.153		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	C0TD6	SDG No.:	BG112224
Lab Sample ID:	P4943-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BG063522.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.54		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	18.858		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	19.456		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.284		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108827	7.829				
1146-65-2	Naphthalene-d8	436242	10.62				
15067-26-2	Acenaphthene-d10	344256	14.474				
1517-22-2	Phenanthrene-d10	829780	17.224				
1719-03-5	Chrysene-d12	910423	21.484				
1520-96-3	Perylene-d12	993983	24.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	200	J			15.832	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	C0TD7	SDG No.:	BG112224
Lab Sample ID:	P4943-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063523.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.7	78	ug/Kg
100-52-7	Benzaldehyde	68	U	68	96.4	390	ug/Kg
110-86-1	Pyridine	90	U	90	190	390	ug/Kg
108-95-2	Phenol	35	U	35	96.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.4	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.7	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.4	390	ug/Kg
98-86-2	Acetophenone	77	U	77	96.4	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.7	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.7	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.7	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.7	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	49.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.7	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.7	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.7	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	49.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	C0TD7	SDG No.:	BG112224
Lab Sample ID:	P4943-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063523.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	49.7	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	49.7	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.7	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.7	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.4	390	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.4	390	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.4	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	49.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.7	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	49.7	200	ug/Kg
86-73-7	Fluorene	32	U	32	49.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.7	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	96.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.7	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.7	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.4	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.4	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	49.7	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.7	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.7	200	ug/Kg
86-74-8	Carbazole	40	U	40	96.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	49.7	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	96.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	C0TD7	SDG No.:	BG112224
Lab Sample ID:	P4943-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
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
BG063523.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49.7	200	ug/Kg
218-01-9	Chrysene	28	U	28	49.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	49.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.295		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	1.601	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	20.756		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.657		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.491		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	21.353		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	22.078		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.451		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.814		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.685		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.752		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	23.978		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.208		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	25.222		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	C0TD7	SDG No.:	BG112224
Lab Sample ID:	P4943-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063523.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.091		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	25.393		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	27.615		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.589		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95307	7.831				
1146-65-2	Naphthalene-d8	403980	10.621				
15067-26-2	Acenaphthene-d10	314928	14.47				
1517-22-2	Phenanthrene-d10	773952	17.226				
1719-03-5	Chrysene-d12	810895	21.485				
1520-96-3	Perylene-d12	888245	24.529				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	260	J			15.833	
	(DEL) Alkane: Straight-Chain	21.150	J			21.15	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	C0TE1	SDG No.:	BG112224
Lab Sample ID:	P4943-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.5
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
BG063524.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.9	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	92.9	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	92.9	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	47.9	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.9	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.9	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.9	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	92.9	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	47.9	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	47.9	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	47.9	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.9	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	47.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	47.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.9	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.9	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	47.9	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.9	190	ug/Kg
105-60-2	Caprolactam	72	U	72	92.9	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.9	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	C0TE1	SDG No.:	BG112224
Lab Sample ID:	P4943-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063524.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.9	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	47.9	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	47.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	47.9	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	47.9	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.9	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.9	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	92.9	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.9	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.9	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	47.9	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.9	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	92.9	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.9	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	47.9	190	ug/Kg
1912-24-9	Atrazine	32	U	32	92.9	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	92.9	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.9	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	47.9	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.9	190	ug/Kg
86-74-8	Carbazole	38	U	38	92.9	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.9	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	92.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	C0TE1	SDG No.:	BG112224
Lab Sample ID:	P4943-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.5
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
BG063524.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	92.9	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.9	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.9	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	47.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	47.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	47.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	47.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.26		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	21.386		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.647		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.536		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	21.132		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	21.1		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.226		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.673		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.96		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.449		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.501		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.762		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	25.75		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	C0TE1	SDG No.:	BG112224
Lab Sample ID:	P4943-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063524.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.842		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	25.645		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	26.396		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.449		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93612	7.832				
1146-65-2	Naphthalene-d8	388156	10.622				
15067-26-2	Acenaphthene-d10	296050	14.471				
1517-22-2	Phenanthrene-d10	757253	17.226				
1719-03-5	Chrysene-d12	838639	21.486				
1520-96-3	Perylene-d12	925500	24.53				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	260	J			15.834	
	(DEL) Alkane: Straight-Chain	21.145	J			21.145	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	C0TF9	SDG No.:	BG112224
Lab Sample ID:	P4943-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
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
BG063525.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	77	ug/Kg
100-52-7	Benzaldehyde	67	U	67	95.1	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	35	U	35	95.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	95.1	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	95.1	380	ug/Kg
98-86-2	Acetophenone	76	U	76	95.1	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	95.1	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	49	200	ug/Kg
67-72-1	Hexachloroethane	70	U	70	49	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	49	200	ug/Kg
78-59-1	Isophorone	76	U	76	49	200	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	49	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49	200	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	49	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49	200	ug/Kg
105-60-2	Caprolactam	74	U	74	95.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	49	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	C0TF9	SDG No.:	BG112224
Lab Sample ID:	P4943-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063525.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49	200	ug/Kg
208-96-8	Acenaphthylene	33	U	33	49	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	95.1	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95.1	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.1	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	49	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49	200	ug/Kg
86-73-7	Fluorene	31	U	31	49	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	95.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95.1	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	49	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	49	200	ug/Kg
1912-24-9	Atrazine	32	U	32	95.1	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.1	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	49	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49	200	ug/Kg
120-12-7	Anthracene	29	U	29	49	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49	200	ug/Kg
86-74-8	Carbazole	39	U	39	95.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	95.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	C0TF9	SDG No.:	BG112224
Lab Sample ID:	P4943-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
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
BG063525.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	95.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49	200	ug/Kg
218-01-9	Chrysene	28	U	28	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	95.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	49	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	49	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.594		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	6.016	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	14.112		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.295		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.817		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	13.862		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	14.908		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.586		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.739		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.334		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.412		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	17.639		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.072		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	18.501		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	C0TF9	SDG No.:	BG112224
Lab Sample ID:	P4943-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063525.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.274		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	19.098		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	19.494		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.336		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103279	7.829				
1146-65-2	Naphthalene-d8	397634	10.62				
15067-26-2	Acenaphthene-d10	312407	14.469				
1517-22-2	Phenanthrene-d10	772896	17.224				
1719-03-5	Chrysene-d12	874060	21.484				
1520-96-3	Perylene-d12	932752	24.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	J			15.832	
	(DEL) Alkane: Straight-Chain	21.149	J			21.149	
E966796	Total Alkanes	83				99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	C0TG0	SDG No.:	BG112224
Lab Sample ID:	P4943-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BG063526.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.7	78	ug/Kg
100-52-7	Benzaldehyde	68	U	68	96.3	390	ug/Kg
110-86-1	Pyridine	90	U	90	190	390	ug/Kg
108-95-2	Phenol	35	U	35	96.3	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.3	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.6	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.3	390	ug/Kg
98-86-2	Acetophenone	77	U	77	96.3	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.3	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.6	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.6	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.6	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.6	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.6	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	49.6	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.6	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.6	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.6	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.6	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96.3	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.6	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.6	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	49.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	C0TG0	SDG No.:	BG112224
Lab Sample ID:	P4943-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BG063526.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	49.6	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	49.6	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.6	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.6	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.6	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.3	390	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.3	390	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.3	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	49.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.6	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	49.6	200	ug/Kg
86-73-7	Fluorene	32	U	32	49.6	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.6	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.3	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	96.3	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.6	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.6	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.3	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.3	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	49.6	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.6	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.6	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.6	200	ug/Kg
86-74-8	Carbazole	40	U	40	96.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	49.6	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	96.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	C0TG0	SDG No.:	BG112224
Lab Sample ID:	P4943-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BG063526.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49.6	200	ug/Kg
218-01-9	Chrysene	28	U	28	49.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	49.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.6	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.556		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	4.031	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	30.461		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.036		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.044		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	30.997		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	34.083		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.879		10-120		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.163		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.98		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.708		10-145		92	SPK: -40
93951-97-4	Acenaphthylene-d8	35.382		15-120		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.305		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	36.707		20-140		92	SPK: -40

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	C0TG0	SDG No.:	BG112224
Lab Sample ID:	P4943-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.6
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
BG063526.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.643		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	36.457		10-150		91	SPK: -40
1718-52-1	Pyrene-d10	37.88		10-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.226		10-140		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101583	7.829				
1146-65-2	Naphthalene-d8	405417	10.62				
15067-26-2	Acenaphthene-d10	319282	14.468				
1517-22-2	Phenanthrene-d10	787918	17.224				
1719-03-5	Chrysene-d12	852723	21.483				
1520-96-3	Perylene-d12	929552	24.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	240	J			15.831	
000638-53-9	Tridecanoic acid	98	J			18.129	
	(DEL) Alkane: Cyclic	140	J			21.149	
E966796	Total Alkanes	140				99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	E1PH7	SDG No.:	BG112224
Lab Sample ID:	P4965-01	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
BG063527.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165199

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	E1PH7	SDG No.:	BG112224
Lab Sample ID:	P4965-01	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
BG063527.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165199

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	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	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	E1PH7	SDG No.:	BG112224
Lab Sample ID:	P4965-01	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
BG063527.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165199

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	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	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.349		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	6.759	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	12.992		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.121		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.13		20-130		78	SPK: -40
190780-66-6	4-Methylphenol-d8	23.787		25-125		59	SPK: -40
4165-60-0	Nitrobenzene-d5	34.505		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.632		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.159		20-120		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.67		1-146		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.221		25-130		93	SPK: -40
93951-97-4	Acenaphthylene-d8	34.797		10-130		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.82		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	36.755		25-125		92	SPK: -40

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	E1PH7	SDG No.:	BG112224
Lab Sample ID:	P4965-01	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
BG063527.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165199

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.403		10-130		86	SPK: -40
1719-06-8	Anthracene-d10	39.242		25-130		98	SPK: -40
1718-52-1	Pyrene-d10	40.89		15-130		102	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.246		20-130		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103028	7.829				
1146-65-2	Naphthalene-d8	421919	10.62				
15067-26-2	Acenaphthene-d10	338335	14.474				
1517-22-2	Phenanthrene-d10	807789	17.224				
1719-03-5	Chrysene-d12	856964	21.484				
1520-96-3	Perylene-d12	929036	24.527				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	E1PH8	SDG No.:	BG112224
Lab Sample ID:	P4965-02	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
BG063528.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165199

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	E1PH8	SDG No.:	BG112224
Lab Sample ID:	P4965-02	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
BG063528.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165199

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	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	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	E1PH8	SDG No.:	BG112224
Lab Sample ID:	P4965-02	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
BG063528.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165199

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	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	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.169		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	5.748	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	8.898		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.789		25-120		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.828		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	21.272		25-125		53	SPK: -40
4165-60-0	Nitrobenzene-d5	36.33		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.737		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.814		20-120		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.31		1-146		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.054		25-130		95	SPK: -40
93951-97-4	Acenaphthylene-d8	36.082		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.58		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	38.343		25-125		96	SPK: -40

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	E1PH8	SDG No.:	BG112224
Lab Sample ID:	P4965-02	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
BG063528.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165199

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.555		10-130		91	SPK: -40
1719-06-8	Anthracene-d10	42.328		25-130		106	SPK: -40
1718-52-1	Pyrene-d10	43.311		15-130		108	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.314		20-130		106	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91795	7.83				
1146-65-2	Naphthalene-d8	365615	10.621				
15067-26-2	Acenaphthene-d10	297643	14.469				
1517-22-2	Phenanthrene-d10	715648	17.225				
1719-03-5	Chrysene-d12	797830	21.484				
1520-96-3	Perylene-d12	870304	24.528				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	SBLK199	SDG No.:	BG112224
Lab Sample ID:	PB165199BL	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
BG063529.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165199

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	SBLK199	SDG No.:	BG112224
Lab Sample ID:	PB165199BL	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
BG063529.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165199

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	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	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	SBLK199	SDG No.:	BG112224
Lab Sample ID:	PB165199BL	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
BG063529.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165199

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	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	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.472		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	24.359		20-120		61	SPK: -40
4165-62-2	Phenol-d5	29.059		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.608		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.139		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	28.368		25-125		71	SPK: -40
4165-60-0	Nitrobenzene-d5	29.823		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.494		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.407		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.765		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.369		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	31.178		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.765		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	32.219		25-125		81	SPK: -40

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	SBLK199	SDG No.:	BG112224
Lab Sample ID:	PB165199BL	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
BG063529.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165199

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.235		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	32.496		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	32.136		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.17		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94692	7.83				
1146-65-2	Naphthalene-d8	386965	10.621				
15067-26-2	Acenaphthene-d10	299663	14.469				
1517-22-2	Phenanthrene-d10	755862	17.225				
1719-03-5	Chrysene-d12	887570	21.484				
1520-96-3	Perylene-d12	961653	24.528				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	SLCS199	SDG No.:	BG112224
Lab Sample ID:	PB165199BS	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
BG063530.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165199

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.6		1.2	0.5	2	ug/L
110-86-1	Pyridine	25		2.2	10	10	ug/L
100-52-7	Benzaldehyde	22		2.3	5	10	ug/L
108-95-2	Phenol	31		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	31		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	31		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	32		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	30		1.2	5	10	ug/L
98-86-2	Acetophenone	31		0.89	5	10	ug/L
106-44-5	4-Methylphenol	31		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	32		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	31		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	33		0.99	2.5	5	ug/L
78-59-1	Isophorone	33		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	34		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	27		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	32		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	33		0.93	2.5	5	ug/L
91-20-3	Naphthalene	33		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	23		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	31		0.98	2.5	5	ug/L
105-60-2	Caprolactam	33		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	34		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	32		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	34		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	24		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	30		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	31		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	SLCS199	SDG No.:	BG112224
Lab Sample ID:	PB165199BS	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
BG063530.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165199

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	32		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	36		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	34		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	35		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	34		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	36		1.5	5	10	ug/L
83-32-9	Acenaphthene	33		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	33		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	33		1.4	5	10	ug/L
132-64-9	Dibenzofuran	33		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	34		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	34		0.87	2.5	5	ug/L
86-73-7	Fluorene	33		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	33		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	40		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	34		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	33		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	32		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	33		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	33		0.56	2.5	5	ug/L
1912-24-9	Atrazine	13		0.96	5	10	ug/L
87-86-5	Pentachlorophenol	24		2.5	5	10	ug/L
85-01-8	Phenanthrene	34		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	31		1.2	2.5	5	ug/L
120-12-7	Anthracene	33		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	31		0.92	2.5	5	ug/L
86-74-8	Carbazole	35		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	35		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	34		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	SLCS199	SDG No.:	BG112224
Lab Sample ID:	PB165199BS	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
BG063530.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165199

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	34		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	35		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	34		0.56	2.5	5	ug/L
218-01-9	Chrysene	34		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	35		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	35		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	35		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	33		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	33		1.1	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	34		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	34		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	29		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.506		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	26.85		20-120		67	SPK: -40
4165-62-2	Phenol-d5	32.33		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.631		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.807		20-130		82	SPK: -40
190780-66-6	4-Methylphenol-d8	33.207		25-125		83	SPK: -40
4165-60-0	Nitrobenzene-d5	34.27		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.896		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.797		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.631		1-146		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.467		25-130		89	SPK: -40
93951-97-4	Acenaphthylene-d8	34.268		10-130		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.928		10-150		85	SPK: -40
81103-79-9	Fluorene-d10	34.953		25-125		87	SPK: -40

Report of Analysis

Client:		Date Collected:	11/22/2024 12:00:00 AM
Project:		Date Received:	11/22/2024 12:00:00 AM
Client Sample ID:	SLCS199	SDG No.:	BG112224
Lab Sample ID:	PB165199BS	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
BG063530.D	1	11/22/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165199

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.224		10-130		91	SPK: -40
1719-06-8	Anthracene-d10	34.321		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	35.577		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.191		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98792	7.827				
1146-65-2	Naphthalene-d8	396727	10.624				
15067-26-2	Acenaphthene-d10	315459	14.472				
1517-22-2	Phenanthrene-d10	781178	17.228				
1719-03-5	Chrysene-d12	858779	21.487				
1520-96-3	Perylene-d12	945909	24.531				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SLCS173	SDG No.:	BG112224
Lab Sample ID:	PB165173BS	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
BG063531.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	300		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	89	J	58	82.5	330	ug/Kg
110-86-1	Pyridine	740		77	170	330	ug/Kg
108-95-2	Phenol	890		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	870		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	900		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	890		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	870		40	82.5	330	ug/Kg
98-86-2	Acetophenone	850		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	900		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	910		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	860		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	860		64	42.5	170	ug/Kg
78-59-1	Isophorone	870		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	900		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	700		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	840		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	910		38	42.5	170	ug/Kg
91-20-3	Naphthalene	870		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	420		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	880		35	42.5	170	ug/Kg
105-60-2	Caprolactam	880		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	910		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	830		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	900		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	610		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	870		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	910		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SLCS173	SDG No.:	BG112224
Lab Sample ID:	PB165173BS	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
BG063531.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	860		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	870		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	920		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	890		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	910		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	880		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	930		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	880		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	880		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	880		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	900		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	890		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	920		33	42.5	170	ug/Kg
86-73-7	Fluorene	890		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	900		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1100		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	890		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	850		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	860		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	890		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	870		28	42.5	170	ug/Kg
1912-24-9	Atrazine	760		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	750		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	890		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	850		37	42.5	170	ug/Kg
120-12-7	Anthracene	870		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	830		17	42.5	170	ug/Kg
86-74-8	Carbazole	920		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	930		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	910		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SLCS173	SDG No.:	BG112224
Lab Sample ID:	PB165173BS	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
BG063531.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	890		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	910		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	800		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	890		23	42.5	170	ug/Kg
218-01-9	Chrysene	890		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	900		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	930		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	880		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	910		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	880		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	870		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	870		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	890		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	870		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.239		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	22.054		20-120		55	SPK: -40
4165-62-2	Phenol-d5	27.559		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.152		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.387		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	26.724		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	26.243		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.462		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.92		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.302		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.578		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.742		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.817		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	27.218		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SLCS173	SDG No.:	BG112224
Lab Sample ID:	PB165173BS	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
BG063531.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.253		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	26.82		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	27.558		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.093		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94022	7.832				
1146-65-2	Naphthalene-d8	405604	10.622				
15067-26-2	Acenaphthene-d10	327431	14.471				
1517-22-2	Phenanthrene-d10	815917	17.226				
1719-03-5	Chrysene-d12	907544	21.486				
1520-96-3	Perylene-d12	974828	24.53				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BG112224
Lab Sample ID:	PB165173BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063533.D	1	11/21/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	330	ug/Kg
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
108-95-2	Phenol	30	U	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.5	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.5	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.5	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BG112224
Lab Sample ID:	PB165173BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063533.D	1	11/21/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.5	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.5	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BG112224
Lab Sample ID:	PB165173BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063533.D	1	11/21/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.06		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	21.795		20-120		54	SPK: -40
4165-62-2	Phenol-d5	25.201		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.395		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.972		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	25.29		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	25.351		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.662		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.442		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.06		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.995		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	25.446		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.175		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	27.104		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BG112224
Lab Sample ID:	PB165173BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063533.D	1	11/21/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.931		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	27.098		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	27.659		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.198		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85317	7.826				
1146-65-2	Naphthalene-d8	357417	10.617				
15067-26-2	Acenaphthene-d10	293921	14.471				
1517-22-2	Phenanthrene-d10	739264	17.227				
1719-03-5	Chrysene-d12	851696	21.486				
1520-96-3	Perylene-d12	899499	24.524				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK140	SDG No.:	BG112224
Lab Sample ID:	PB165140BL	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
BG063534.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	330	ug/Kg
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
108-95-2	Phenol	30	U	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.5	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.5	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.5	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK140	SDG No.:	BG112224
Lab Sample ID:	PB165140BL	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
BG063534.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.5	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.5	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK140	SDG No.:	BG112224
Lab Sample ID:	PB165140BL	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
BG063534.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.324		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	22.025		20-120		55	SPK: -40
4165-62-2	Phenol-d5	25.968		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.89		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.554		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	25.627		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	25.629		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.266		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.378		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.048		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.844		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	26.897		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.286		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	28.009		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK140	SDG No.:	BG112224
Lab Sample ID:	PB165140BL	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
BG063534.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.998		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	27.119		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	27.886		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.619		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102559	7.829				
1146-65-2	Naphthalene-d8	435949	10.62				
15067-26-2	Acenaphthene-d10	337252	14.468				
1517-22-2	Phenanthrene-d10	873223	17.224				
1719-03-5	Chrysene-d12	990151	21.484				
1520-96-3	Perylene-d12	1058576	24.527				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	C0TD4	SDG No.:	BG112224
Lab Sample ID:	P4881-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
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
BG063535.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.7	77	ug/Kg
100-52-7	Benzaldehyde	67	U	67	95.7	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	35	U	35	95.7	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	95.7	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49.3	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95.7	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	95.7	380	ug/Kg
98-86-2	Acetophenone	77	U	77	95.7	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	95.7	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.3	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.3	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	49.3	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.3	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.3	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.3	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.3	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.3	380	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.3	200	ug/Kg
105-60-2	Caprolactam	74	U	74	95.7	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.3	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.3	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.7	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	C0TD4	SDG No.:	BG112224
Lab Sample ID:	P4881-01	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
BG063535.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.3	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49.3	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49.3	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.3	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.3	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	95.7	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95.7	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.7	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.3	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49.3	200	ug/Kg
86-73-7	Fluorene	31	U	31	49.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.3	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	95.7	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95.7	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	49.3	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.3	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	49.3	200	ug/Kg
1912-24-9	Atrazine	32	U	32	95.7	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.7	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	49.3	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.3	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.3	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.3	200	ug/Kg
86-74-8	Carbazole	39	U	39	95.7	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49.3	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	95.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	C0TD4	SDG No.:	BG112224
Lab Sample ID:	P4881-01	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
BG063535.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	95.7	380	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49.3	200	ug/Kg
218-01-9	Chrysene	28	U	28	49.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	95.7	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	49.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.3	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.592		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	6.818	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	19.352		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.561		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.998		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	19.236		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	17.55		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.145		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.056		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.897		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.82		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	20.933		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.189		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	23.142		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	C0TD4	SDG No.:	BG112224
Lab Sample ID:	P4881-01	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
BG063535.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.271		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	23.896		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	24.852		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.776		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110139	7.825				
1146-65-2	Naphthalene-d8	470565	10.622				
15067-26-2	Acenaphthene-d10	368290	14.47				
1517-22-2	Phenanthrene-d10	909701	17.226				
1719-03-5	Chrysene-d12	1018679	21.486				
1520-96-3	Perylene-d12	1116179	24.529				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	190	J			15.834	
000640-61-9	Benzenesulfonamide, N,4-dimethyl-	160	J			16.169	
	(DEL) Alkane: Straight-Chain	110	J			21.151	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	C0TD5	SDG No.:	BG112224
Lab Sample ID:	P4881-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
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
BG063536.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.5	76	ug/Kg
100-52-7	Benzaldehyde	66	U	66	94.1	380	ug/Kg
110-86-1	Pyridine	88	U	88	190	380	ug/Kg
108-95-2	Phenol	34	U	34	94.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.1	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.5	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	94.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.1	380	ug/Kg
98-86-2	Acetophenone	75	U	75	94.1	380	ug/Kg
106-44-5	4-Methylphenol	60	U	60	94.1	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	48.5	190	ug/Kg
67-72-1	Hexachloroethane	70	U	70	48.5	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.5	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.5	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.5	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.5	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.5	190	ug/Kg
105-60-2	Caprolactam	73	U	73	94.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	C0TD5	SDG No.:	BG112224
Lab Sample ID:	P4881-02	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
BG063536.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.5	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.5	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.5	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.5	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	94.1	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.1	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.1	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.5	190	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.5	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.5	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	94.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	94.1	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.5	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.5	190	ug/Kg
1912-24-9	Atrazine	32	U	32	94.1	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.1	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	48.5	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.5	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.5	190	ug/Kg
86-74-8	Carbazole	39	U	39	94.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.5	190	ug/Kg
206-44-0	Fluoranthene	22	U	22	94.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	C0TD5	SDG No.:	BG112224
Lab Sample ID:	P4881-02	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
BG063536.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	48.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	94.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48.5	190	ug/Kg
218-01-9	Chrysene	27	U	27	48.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	48.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	48.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	48.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	48.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	48.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.347		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	8.753		20-120		22	SPK: -40
4165-62-2	Phenol-d5	20.45		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.636		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.755		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	21.442		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	21.044		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.573		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.282		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.116		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.352		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	22.621		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.017		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	23.962		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	C0TD5	SDG No.:	BG112224
Lab Sample ID:	P4881-02	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
BG063536.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.651		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	24.92		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	25.816		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.889		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107123	7.83				
1146-65-2	Naphthalene-d8	466455	10.621				
15067-26-2	Acenaphthene-d10	374991	14.469				
1517-22-2	Phenanthrene-d10	945517	17.225				
1719-03-5	Chrysene-d12	1045161	21.485				
1520-96-3	Perylene-d12	1131607	24.528				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	240	J			15.833	
	(DEL) Alkane: Straight-Chain	21.144	J			21.144	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	C0TD8	SDG No.:	BG112224
Lab Sample ID:	P4881-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
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
BG063537.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.7	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	92.7	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	92.7	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.8	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.7	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.7	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.7	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	92.7	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	47.8	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	47.8	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	47.8	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.8	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.8	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.8	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	47.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.8	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.8	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.8	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.8	190	ug/Kg
105-60-2	Caprolactam	72	U	72	92.7	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.8	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.7	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	C0TD8	SDG No.:	BG112224
Lab Sample ID:	P4881-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
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
BG063537.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.8	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.8	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	47.8	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	47.8	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.8	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	47.8	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.7	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.8	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.7	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.7	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.8	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.8	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.8	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.8	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.7	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	92.7	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.8	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.8	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.8	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92.7	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	92.7	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.8	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	47.8	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.8	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.8	190	ug/Kg
86-74-8	Carbazole	38	U	38	92.7	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.8	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	92.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	C0TD8	SDG No.:	BG112224
Lab Sample ID:	P4881-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
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
BG063537.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92.7	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.8	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.8	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.8	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.7	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	47.8	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.8	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	47.8	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.8	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.8	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.8	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.821		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	1.6	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	17.158		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.403		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.118		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	17.931		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	17.348		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.789		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.197		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.844		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.217		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	19.682		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.926		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	20.498		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	C0TD8	SDG No.:	BG112224
Lab Sample ID:	P4881-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
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
BG063537.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.554		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	20.165		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	21.275		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.577		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116424	7.829				
1146-65-2	Naphthalene-d8	489269	10.62				
15067-26-2	Acenaphthene-d10	388113	14.469				
1517-22-2	Phenanthrene-d10	991574	17.224				
1719-03-5	Chrysene-d12	1080255	21.484				
1520-96-3	Perylene-d12	1159898	24.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	280	J			15.832	
074339-53-0	Trichloroacetic acid, pentadecyl e	90	J			21.143	
	(DEL) Alkane: Straight-Chain	25.579	J			25.579	
E966796	Total Alkanes	93				99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	C0TF4	SDG No.:	BG112224
Lab Sample ID:	P4881-04	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
BG063538.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.4	370	ug/Kg
110-86-1	Pyridine	86	U	86	180	370	ug/Kg
108-95-2	Phenol	34	U	34	92.4	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	92.4	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.6	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.4	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.4	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.4	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	92.4	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	47.6	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.6	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	47.6	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.6	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.6	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.6	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.6	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.6	190	ug/Kg
105-60-2	Caprolactam	72	U	72	92.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.4	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	C0TF4	SDG No.:	BG112224
Lab Sample ID:	P4881-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
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
BG063538.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.6	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.6	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	47.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.6	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.6	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.4	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.4	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.4	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.6	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.6	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.6	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.4	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	92.4	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.6	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.6	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92.4	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	92.4	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.6	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.6	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.6	190	ug/Kg
86-74-8	Carbazole	38	U	38	92.4	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.6	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	92.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	C0TF4	SDG No.:	BG112224
Lab Sample ID:	P4881-04	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
BG063538.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.6	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	47.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	47.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.352		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	20.723		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.829		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.864		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	21.063		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	21.584		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.37		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.252		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.724		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.648		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.589		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.112		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	23.627		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	C0TF4	SDG No.:	BG112224
Lab Sample ID:	P4881-04	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
BG063538.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.71		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	23.579		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	25.157		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.78		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107021	7.826				
1146-65-2	Naphthalene-d8	466205	10.616				
15067-26-2	Acenaphthene-d10	368163	14.471				
1517-22-2	Phenanthrene-d10	924781	17.226				
1719-03-5	Chrysene-d12	1026449	21.486				
1520-96-3	Perylene-d12	1117412	24.524				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	260	J			15.834	
	(DEL) Alkane: Straight-Chain	21.145	J			21.145	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	C0TF5	SDG No.:	BG112224
Lab Sample ID:	P4881-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063539.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.3	74	ug/Kg
100-52-7	Benzaldehyde	64	U	64	91.2	360	ug/Kg
110-86-1	Pyridine	85	U	85	180	360	ug/Kg
108-95-2	Phenol	33	U	33	91.2	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	91.2	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	91.2	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	91.2	360	ug/Kg
98-86-2	Acetophenone	73	U	73	91.2	360	ug/Kg
106-44-5	4-Methylphenol	59	U	59	91.2	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	47	190	ug/Kg
67-72-1	Hexachloroethane	67	U	67	47	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	47	190	ug/Kg
78-59-1	Isophorone	73	U	73	47	190	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	47	190	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	47	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47	360	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47	190	ug/Kg
105-60-2	Caprolactam	71	U	71	91.2	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	47	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47	190	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	47	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	91.2	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	47	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	C0TF5	SDG No.:	BG112224
Lab Sample ID:	P4881-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063539.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47	190	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	47	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	91.2	360	ug/Kg
83-32-9	Acenaphthene	29	U	29	47	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	91.2	360	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.2	360	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47	190	ug/Kg
84-66-2	Diethylphthalate	36	U	36	47	190	ug/Kg
86-73-7	Fluorene	30	U	30	47	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	91.2	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	91.2	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47	190	ug/Kg
1912-24-9	Atrazine	31	U	31	91.2	360	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	91.2	360	ug/Kg
85-01-8	Phenanthrene	30	U	30	47	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47	190	ug/Kg
120-12-7	Anthracene	28	U	28	47	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47	190	ug/Kg
86-74-8	Carbazole	38	U	38	91.2	360	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	91.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	C0TF5	SDG No.:	BG112224
Lab Sample ID:	P4881-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.8
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
BG063539.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	47	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	91.2	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	47	190	ug/Kg
218-01-9	Chrysene	27	U	27	47	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	91.2	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	47	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	47	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	47	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	47	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.832		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	22.168		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.18		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.15		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	22.186		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	21.458		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.285		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.255		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.191		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.392		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	23.882		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.853		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	24.207		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	C0TF5	SDG No.:	BG112224
Lab Sample ID:	P4881-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063539.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.41		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	23.04		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	23.631		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.667		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115955	7.83				
1146-65-2	Naphthalene-d8	493889	10.62				
15067-26-2	Acenaphthene-d10	376037	14.469				
1517-22-2	Phenanthrene-d10	968275	17.224				
1719-03-5	Chrysene-d12	1043112	21.484				
1520-96-3	Perylene-d12	1134958	24.528				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	360	J			15.832	
000057-10-3	n-Hexadecanoic acid	150	J			18.129	
002027-47-6	9-Octadecenoic acid	210	J			19.293	
000122-69-0	Cinnamyl cinnamate	1000	J			20.973	
000661-19-8	Behenic alcohol	150	J			21.149	
006222-03-3	Trifluoroacetoxy hexadecane	86	J			22.271	
	(DEL) Alkane: Straight-Chain25.573	81	J			25.573	
E966796	Total Alkanes	81				99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	C0TF6	SDG No.:	BG112224
Lab Sample ID:	P4881-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.6
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
BG063540.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	38	U	38	9.3	94	ug/Kg
100-52-7	Benzaldehyde	82	U	82	120	470	ug/Kg
110-86-1	Pyridine	110	U	110	230	470	ug/Kg
108-95-2	Phenol	42	U	42	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	120	470	ug/Kg
95-57-8	2-Chlorophenol	40	U	40	60.2	240	ug/Kg
95-48-7	2-Methylphenol	44	U	44	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57	U	57	120	470	ug/Kg
98-86-2	Acetophenone	93	U	93	120	470	ug/Kg
106-44-5	4-Methylphenol	75	U	75	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	60.2	240	ug/Kg
67-72-1	Hexachloroethane	86	U	86	60.2	240	ug/Kg
98-95-3	Nitrobenzene	91	U	91	60.2	240	ug/Kg
78-59-1	Isophorone	93	U	93	60.2	240	ug/Kg
88-75-5	2-Nitrophenol	85	U	85	60.2	240	ug/Kg
105-67-9	2,4-Dimethylphenol	45	U	45	60.2	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	64	U	64	60.2	240	ug/Kg
120-83-2	2,4-Dichlorophenol	54	U	54	60.2	240	ug/Kg
91-20-3	Naphthalene	34	U	34	60.2	240	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	60.2	470	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	60.2	240	ug/Kg
105-60-2	Caprolactam	91	U	91	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	60.2	240	ug/Kg
90-12-0	1-Methylnaphthalene	34	U	34	60.2	240	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	60.2	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	34	U	34	60.2	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	60.2	240	ug/Kg



Client:			Date Collected:	11/15/2024 12:00:00 AM	
Project:			Date Received:	11/15/2024 12:00:00 AM	
Client Sample ID:	C0TF6		SDG No.:	BG112224	
Lab Sample ID:	P4881-06		Matrix:	Solid	
Analytical Method:	SFAM_SVOC		% Moisture:	29.6	
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
BG063540.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	37	U	37	60.2	240	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	60.2	240	ug/Kg
88-74-4	2-Nitroaniline	64	U	64	60.2	240	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	60.2	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	60.2	240	ug/Kg
208-96-8	Acenaphthylene	41	U	41	60.2	240	ug/Kg
99-09-2	3-Nitroaniline	93	U	93	120	470	ug/Kg
83-32-9	Acenaphthene	37	U	37	60.2	240	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	120	470	ug/Kg
100-02-7	4-Nitrophenol	62	U	62	120	470	ug/Kg
132-64-9	Dibenzofuran	38	U	38	60.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	50	60.2	240	ug/Kg
84-66-2	Diethylphthalate	47	U	47	60.2	240	ug/Kg
86-73-7	Fluorene	38	U	38	60.2	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	60.2	240	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	54	U	54	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	34	U	34	60.2	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	48	60.2	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	60.2	240	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	60.2	240	ug/Kg
1912-24-9	Atrazine	40	U	40	120	470	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	120	470	ug/Kg
85-01-8	Phenanthrene	38	U	38	60.2	240	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	60.2	240	ug/Kg
120-12-7	Anthracene	35	U	35	60.2	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	24	U	24	60.2	240	ug/Kg
86-74-8	Carbazole	48	U	48	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	38	U	38	60.2	240	ug/Kg
206-44-0	Fluoranthene	27	U	27	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	C0TF6	SDG No.:	BG112224
Lab Sample ID:	P4881-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.6
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
BG063540.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	25	U	25	60.2	240	ug/Kg
85-68-7	Butylbenzylphthalate	31	U	31	60.2	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	74	U	74	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	33	U	33	60.2	240	ug/Kg
218-01-9	Chrysene	34	U	34	60.2	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	35	U	35	60.2	240	ug/Kg
117-84-0	Di-n-octyl phthalate	68	U	68	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	60.2	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	60.2	240	ug/Kg
50-32-8	Benzo(a)pyrene	44	U	44	60.2	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	60.2	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	60.2	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	60.2	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	51	60.2	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.507		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	21.14		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.938		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.136		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	22.257		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	20.548		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.36		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.791		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.469		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.857		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.286		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.141		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	23.699		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	C0TF6	SDG No.:	BG112224
Lab Sample ID:	P4881-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.6
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
BG063540.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.754		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	22.555		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	24.158		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.662		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104966	7.83				
1146-65-2	Naphthalene-d8	450750	10.621				
15067-26-2	Acenaphthene-d10	356114	14.47				
1517-22-2	Phenanthrene-d10	909710	17.225				
1719-03-5	Chrysene-d12	954170	21.485				
1520-96-3	Perylene-d12	1041666	24.528				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	410	J			15.833	
000122-69-0	Cinnamyl cinnamate	370	J			20.974	
	(DEL) Alkane: Straight-Chain	21.144	J			21.144	
E966796	Total Alkanes	160				99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	C0TF7	SDG No.:	BG112224
Lab Sample ID:	P4881-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BG063541.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.7	78	ug/Kg
100-52-7	Benzaldehyde	68	U	68	96.2	380	ug/Kg
110-86-1	Pyridine	90	U	90	190	380	ug/Kg
108-95-2	Phenol	35	U	35	96.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	96.2	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.5	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	96.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	96.2	380	ug/Kg
98-86-2	Acetophenone	77	U	77	96.2	380	ug/Kg
106-44-5	4-Methylphenol	62	U	62	96.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.5	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.5	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	49.5	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.5	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.5	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.5	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.5	200	ug/Kg
105-60-2	Caprolactam	75	U	75	96.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	96.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	C0TF7	SDG No.:	BG112224
Lab Sample ID:	P4881-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BG063541.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.5	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	96.2	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	96.2	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	96.2	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.5	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49.5	200	ug/Kg
86-73-7	Fluorene	31	U	31	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	96.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	96.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.5	200	ug/Kg
1912-24-9	Atrazine	33	U	33	96.2	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.2	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.5	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.5	200	ug/Kg
86-74-8	Carbazole	40	U	40	96.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49.5	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	96.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	C0TF7	SDG No.:	BG112224
Lab Sample ID:	P4881-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BG063541.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	96.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49.5	200	ug/Kg
218-01-9	Chrysene	28	U	28	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	96.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.682		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	20.848		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.883		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.216		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	21.488		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	21.647		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.593		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.355		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.935		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.018		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	22.593		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.07		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	23.268		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	C0TF7	SDG No.:	BG112224
Lab Sample ID:	P4881-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063541.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.213		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	21.855		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	23.747		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.552		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121768	7.832				
1146-65-2	Naphthalene-d8	509118	10.617				
15067-26-2	Acenaphthene-d10	396918	14.471				
1517-22-2	Phenanthrene-d10	1007264	17.227				
1719-03-5	Chrysene-d12	1080465	21.486				
1520-96-3	Perylene-d12	1164101	24.53				
TENTATIVE IDENTIFIED COMPOUNDS							
000483-77-2	Naphthalene, 1,2,3,4-tetrahydro-1,	96	J			14.794	
000119-61-9	Benzophenone	180	J			15.834	
000057-10-3	n-Hexadecanoic acid	92	J			18.131	
000122-69-0	Cinnamyl cinnamate	1000	J			20.975	
	(DEL) Alkane: Straight-Chain	130	J			21.145	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SLCS140	SDG No.:	BG112224
Lab Sample ID:	PB165140BS	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
BG063542.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	290		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	110	J	58	82.5	330	ug/Kg
110-86-1	Pyridine	760		77	170	330	ug/Kg
108-95-2	Phenol	920		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	900		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	940		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	940		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	910		40	82.5	330	ug/Kg
98-86-2	Acetophenone	910		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	950		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	930		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	900		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	920		64	42.5	170	ug/Kg
78-59-1	Isophorone	940		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	970		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	720		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	920		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	940		38	42.5	170	ug/Kg
91-20-3	Naphthalene	940		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	470		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	910		35	42.5	170	ug/Kg
105-60-2	Caprolactam	920		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	900		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	960		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	600		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	940		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	990		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SLCS140	SDG No.:	BG112224
Lab Sample ID:	PB165140BS	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
BG063542.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	940		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	930		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1000		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	930		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	980		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	940		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1000		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	950		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	980		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	980		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	950		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	970		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	970		33	42.5	170	ug/Kg
86-73-7	Fluorene	950		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	940		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1200		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	960		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	920		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	900		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	960		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	930		28	42.5	170	ug/Kg
1912-24-9	Atrazine	850		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	870		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	960		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	900		37	42.5	170	ug/Kg
120-12-7	Anthracene	930		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	870		17	42.5	170	ug/Kg
86-74-8	Carbazole	1000		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1000		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	970		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SLCS140	SDG No.:	BG112224
Lab Sample ID:	PB165140BS	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
BG063542.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	960		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	930		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	950		23	42.5	170	ug/Kg
218-01-9	Chrysene	950		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	990		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	990		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	950		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	960		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	960		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	970		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	980		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	970		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.253		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	23.375		20-120		58	SPK: -40
4165-62-2	Phenol-d5	28.812		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.783		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.345		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	28.233		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	28.43		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.17		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.265		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.187		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.292		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.657		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.579		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	29.251		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SLCS140	SDG No.:	BG112224
Lab Sample ID:	PB165140BS	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
BG063542.D	1	11/20/2024 12:00:00 AM	11/23/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.855		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	28.44		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	29.391		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.538		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103084	7.829				
1146-65-2	Naphthalene-d8	433090	10.62				
15067-26-2	Acenaphthene-d10	346003	14.469				
1517-22-2	Phenanthrene-d10	869273	17.224				
1719-03-5	Chrysene-d12	968777	21.484				
1520-96-3	Perylene-d12	1019526	24.528				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG112224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-WATER-QT4-2024-08							
P4776-02	MDL-WATER-QT4-2024 Water	Total Alkanes	*	0.000	0.99	5	ug/L
		Total Tics :			0.00		
P4776-02	MDL-WATER-QT4-2024 Water	1,1-Biphenyl	4.500	J	0.99	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	1,2,3,4-Tetrachlorobenzene	3.900	J	0.92	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	1,2,4,5-Tetrachlorobenzene	4.200	J	0.9	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	1-Methylnaphthalene	4.200	J	1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,2-oxybis(1-Chloropropane)	4.500	J	1.2	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,3,4,6-Tetrachlorophenol	3.800	J	1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4,5-Trichlorophenol	4.100	J	0.8	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4,6-Trichlorophenol	3.700	J	0.81	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4-Dichlorophenol	4.500	J	0.93	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4-Dimethylphenol	4.000	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4-Dinitrophenol	4.600	J	2.8	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4-Dinitrotoluene	4.100	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,6-Dinitrotoluene	4.100	J	1.3	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Chloronaphthalene	4.400	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Chlorophenol	4.600	J	1.2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Methylnaphthalene	4.500	J	1.6	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Methylphenol	4.400	J	0.82	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Nitroaniline	4.000	J	1.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Nitrophenol	4.700	J	1.2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	3,3-Dichlorobenzidine	4.800	J	1.7	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	3-Nitroaniline	4.100	J	1.5	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4,6-Dinitro-2-methylphenol	3.800	J	1.2	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Bromophenyl-phenylether	4.500	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Chloro-3-methylphenol	4.300	J	2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Chloroaniline	4.200	J	1.8	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Chlorophenyl-phenylether	4.600	J	0.96	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Methylphenol	4.400	J	1.2	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Nitroaniline	4.400	J	1.2	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Nitrophenol	3.900	J	1.4	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Acenaphthene	4.600	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Acenaphthylene	4.700	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Acetophenone	4.400	J	0.89	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Anthracene	4.700	J	0.72	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Atrazine	4.700	J	0.96	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzaldehyde	5.200	J	2.3	10	ug/L

Hit Summary Sheet SW-846

SDG No.: BG112224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(a)anthracene	4.600	J	0.56	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(a)pyrene	4.300	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(b)fluoranthene	4.500	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(g,h,i)perylene	4.500	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(k)fluoranthene	4.600	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Bis(2-Chloroethoxy)methane	4.400	J	1.2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Bis(2-Chloroethyl)ether	4.600	J	1.3	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Bis(2-ethylhexyl)phthalate	4.400	J	0.87	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Butylbenzylphthalate	4.300	J	0.97	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Caprolactam	4.800	J	2.9	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Carbazole	4.600	J	1	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Chrysene	4.800	J	0.75	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Di-n-butylphthalate	4.500	J	0.81	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Di-n-octyl phthalate	4.500	J	1.5	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Dibenzo(a,h)anthracene	4.500	J	1.2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Dibenzofuran	4.700	J	0.87	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Diethylphthalate	4.300	J	0.87	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Dimethylphthalate	4.600	J	1.3	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Fluoranthene	4.600	J	0.65	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Fluorene	4.600	J	0.87	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Hexachlorobenzene	4.500	J	0.56	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Hexachlorobutadiene	4.300	J	0.98	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Hexachlorocyclopentadiene	4.600	J	3.1	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Hexachloroethane	4.700	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Indeno(1,2,3-cd)pyrene	4.300	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Isophorone	4.200	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	N-Nitroso-di-n-propylamine	4.400	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	N-Nitrosodiphenylamine	4.700	J	0.71	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Naphthalene	4.700	J	0.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Nitrobenzene	4.600	J	0.99	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Pentachlorobenzene	4.200	J	1.2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Pentachlorophenol	4.400	J	2.5	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Phenanthrene	4.800	J	0.97	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Phenol	4.200	J	1.5	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Pyrene	4.700	J	0.53	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Pyridine	3.800	J	2.2	10	ug/L

Total Svoc :

313.90

Total Concentration:

313.90

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

P4776-04	MDL-SOIL-QT4-2024-08 Solid	Total Alkanes	*	0.000	26	170	ug/Kg
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Hit Summary Sheet
SW-846

SDG No.: BG112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	0.00				
P4776-04	MDL-SOIL-QT4-2024-08	Solid	1,1-Biphenyl	160.000	J	26	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	1,2,3,4-Tetrachlorobenzene	130.000	J	17	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	1,2,4,5-Tetrachlorobenzene	150.000	J	34	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	1,4-Dioxane	35.000	J	27	67	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	1-Methylnaphthalene	130.000	J	24	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,2-oxybis(1-Chloropropane)	140.000	J	40	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,3,4,6-Tetrachlorophenol	130.000	J	36	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4,5-Trichlorophenol	130.000	J	33	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4,6-Trichlorophenol	130.000	J	24	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4-Dichlorophenol	140.000	J	38	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4-Dimethylphenol	130.000	J	32	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4-Dinitrophenol	160.000	J	130	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4-Dinitrotoluene	160.000	J	35	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,6-Dinitrotoluene	150.000	J	20	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Chloronaphthalene	150.000	J	33	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Chlorophenol	130.000	J	28	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Methylnaphthalene	150.000	J	32	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Methylphenol	140.000	J	31	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Nitroaniline	150.000	J	45	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Nitrophenol	140.000	J	60	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	3,3-Dichlorobenzidine	150.000	J	52	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	3-Nitroaniline	150.000	J	66	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4,6-Dinitro-2-methylphenol	140.000	J	38	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Bromophenyl-phenylether	150.000	J	26	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Chloro-3-methylphenol	150.000	J	41	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Chloroaniline	150.000	J	36	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Chlorophenyl-phenylether	160.000	J	20	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Methylphenol	130.000	J	53	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Nitroaniline	140.000	J	24	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Nitrophenol	140.000	J	44	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Acenaphthene	160.000	J	26	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Acenaphthylene	160.000	J	29	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Acetophenone	140.000	J	66	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Anthracene	150.000	J	25	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Atrazine	160.000	J	28	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzaldehyde	160.000	J	58	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(a)anthracene	160.000	J	23	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(a)pyrene	150.000	J	31	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(b)fluoranthene	150.000	J	37	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(g,h,i)perylene	150.000	J	32	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(k)fluoranthene	150.000	J	38	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Bis(2-Chloroethoxy)methane	140.000	J	45	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Bis(2-Chloroethyl)ether	130.000	J	29	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Bis(2-ethylhexyl)phthalate	140.000	J	25	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Butylbenzylphthalate	140.000	J	22	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Caprolactam	140.000	J	64	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Carbazole	150.000	J	34	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Chrysene	160.000	J	24	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Di-n-butylphthalate	150.000	J	27	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Di-n-octyl phthalate	150.000	J	48	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Dibenzo(a,h)anthracene	140.000	J	26	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Dibenzofuran	160.000	J	27	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Diethylphthalate	150.000	J	33	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Dimethylphthalate	160.000	J	30	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Fluoranthene	150.000	J	19	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Fluorene	160.000	J	27	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Hexachlorobenzene	150.000	J	28	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Hexachlorobutadiene	150.000	J	35	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Hexachlorocyclopentadiene	170.000	J	97	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Hexachloroethane	150.000	J	61	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Indeno(1,2,3-cd)pyrene	150.000	J	28	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Isophorone	140.000	J	66	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	N-Nitroso-di-n-propylamine	130.000	J	79	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	N-Nitrosodiphenylamine	150.000	J	24	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Naphthalene	150.000	J	24	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Nitrobenzene	150.000	J	64	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Pentachlorobenzene	140.000	J	37	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Pentachlorophenol	140.000	J	88	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Phenanthrene	150.000	J	27	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Phenol	140.000	J	30	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Pyrene	160.000	J	18	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Pyridine	120.000	J	77	330	ug/Kg
Total Svoc :				10,445.00				
Total Concentration:				10,445.00				
Client ID :	MDL-MED-SOIL-QT4-2024-08							
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Total Alkanes	*	0.000	890	4900	ug/Kg
Total Tics :				0.00				
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1,1-Biphenyl	4,500.000	J	890	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1,2,3,4-Tetrachlorobenzene	4,100.000	J	2200	4900	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1,2,4,5-Tetrachlorobenzene	4,600.000	J	860	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1,4-Dioxane	1,100.000	J	920	2000	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1-Methylnaphthalene	4,200.000	J	610	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,2-oxybis(1-Chloropropane)	4,100.000	J	2000	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,3,4,6-Tetrachlorophenol	3,400.000	J	1800	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4,5-Trichlorophenol	4,100.000	J	940	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4,6-Trichlorophenol	4,100.000	J	1200	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4-Dichlorophenol	4,400.000	J	740	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4-Dimethylphenol	4,000.000	J	580	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4-Dinitrophenol	4,300.000	J	3500	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4-Dinitrotoluene	4,200.000	J	940	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,6-Dinitrotoluene	4,700.000	J	1500	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Chloronaphthalene	4,500.000	J	830	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Chlorophenol	4,100.000	J	1500	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Methylnaphthalene	4,600.000	J	750	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Methylphenol	4,100.000	J	1200	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Nitroaniline	4,000.000	J	1600	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Nitrophenol	4,300.000	J	850	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	3,3-Dichlorobenzidine	4,500.000	J	2000	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	3-Nitroaniline	4,100.000	J	1300	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4,6-Dinitro-2-methylphenol	4,000.000	J	2500	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Bromophenyl-phenylether	4,300.000	J	1900	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Chloro-3-methylphenol	4,200.000	J	1100	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Chloroaniline	4,300.000	J	880	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Chlorophenyl-phenylether	4,700.000	J	1200	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Methylphenol	3,900.000	J	1500	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Nitroaniline	4,600.000	J	1200	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Nitrophenol	4,100.000	J	1600	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Acenaphthene	4,600.000	J	760	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Acenaphthylene	4,700.000	J	850	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Acetophenone	4,000.000	J	1500	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Anthracene	4,500.000	J	560	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Atrazine	4,500.000	J	2100	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzaldehyde	4,700.000	J	2100	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(a)anthracene	4,500.000	J	750	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(a)pyrene	4,400.000	J	970	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(b)fluoranthene	4,400.000	J	950	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(g,h,i)perylene	4,300.000	J	880	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(k)fluoranthene	4,600.000	J	820	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Bis(2-Chloroethoxy)methane	4,500.000	J	950	4900	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Bis(2-Chloroethyl)ether	4,000.000	J	1900	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Bis(2-ethylhexyl)phthalate	4,200.000	J	560	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Butylbenzylphthalate	4,300.000	J	510	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Caprolactam	3,700.000	J	2000	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Carbazole	4,500.000	J	930	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Chrysene	4,600.000	J	640	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Di-n-butylphthalate	4,300.000	J	830	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Di-n-octyl phthalate	4,500.000	J	1300	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Dibenzo(a,h)anthracene	4,500.000	J	750	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Dibenzofuran	4,700.000	J	760	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Diethylphthalate	4,500.000	J	1700	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Dimethylphthalate	4,600.000	J	800	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Fluoranthene	4,500.000	J	590	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Fluorene	4,600.000	J	1700	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Hexachlorobenzene	4,200.000	J	2200	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Hexachlorobutadiene	4,400.000	J	1200	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Hexachlorocyclopentadiene	4,400.000	J	2500	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Hexachloroethane	4,000.000	J	1700	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Indeno(1,2,3-cd)pyrene	4,300.000	J	910	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Isophorone	4,300.000	J	1100	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	N-Nitroso-di-n-propylamine	4,200.000	J	2100	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	N-Nitrosodiphenylamine	4,400.000	J	2700	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Naphthalene	4,400.000	J	550	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Nitrobenzene	4,400.000	J	1800	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Pentachlorobenzene	4,000.000	J	2100	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Pentachlorophenol	4,400.000	J	3200	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Phenanthrene	4,500.000	J	680	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Phenol	4,200.000	J	1500	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Pyrene	4,400.000	J	610	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Pyridine	3,400.000	J	3400	9800	ug/Kg

Total Svoc : 307,200.00

Total Concentration: 307,200.00

Client ID : C0TD4

P4881-01	C0TD4	Solid	(DEL) Alkane: Straight-Chain21.1 *	110.000	J			
P4881-01	C0TD4	Solid	Benzenesulfonamide, N,4-dimethy *	160.000	J			
P4881-01	C0TD4	Solid	Benzophenone *	190.000	J			
P4881-01	C0TD4	Solid	Total Alkanes *	110.000		30	200	ug/Kg

Total Tics : 570.00

Total Concentration: 570.00

Hit Summary Sheet

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SDG No.: BG112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0TD5								
P4881-02	C0TD5	Solid	(DEL) Alkane: Straight-Chain21.1	*	120.000	J		
P4881-02	C0TD5	Solid	Benzophenone	*	240.000	J		
P4881-02	C0TD5	Solid	Total Alkanes	*	120.000	30	190	ug/Kg
			Total Tics :			480.00		
			Total Concentration:			480.00		
Client ID : C0TD8								
P4881-03	C0TD8	Solid	(DEL) Alkane: Straight-Chain25.4	*	93.000	J		
P4881-03	C0TD8	Solid	Benzophenone	*	280.000	J		
P4881-03	C0TD8	Solid	Trichloroacetic acid, pentadecyl e	*	90.000	J		
P4881-03	C0TD8	Solid	Total Alkanes	*	93.000	29	190	ug/Kg
			Total Tics :			556.00		
			Total Concentration:			556.00		
Client ID : C0TF4								
P4881-04	C0TF4	Solid	(DEL) Alkane: Straight-Chain21.1	*	110.000	J		
P4881-04	C0TF4	Solid	Benzophenone	*	260.000	J		
P4881-04	C0TF4	Solid	Total Alkanes	*	110.000	29	190	ug/Kg
			Total Tics :			480.00		
			Total Concentration:			480.00		
Client ID : C0TF5								
P4881-05	C0TF5	Solid	(DEL) Alkane: Straight-Chain25.4	*	81.000	J		
P4881-05	C0TF5	Solid	9-Octadecenoic acid	*	210.000	J		
P4881-05	C0TF5	Solid	Behenic alcohol	*	150.000	J		
P4881-05	C0TF5	Solid	Benzophenone	*	360.000	J		
P4881-05	C0TF5	Solid	Cinnamyl cinnamate	*	1,000.000	J		
P4881-05	C0TF5	Solid	n-Hexadecanoic acid	*	150.000	J		
P4881-05	C0TF5	Solid	Trifluoroacetox y hexadecane	*	86.000	J		
P4881-05	C0TF5	Solid	Total Alkanes	*	81.000	29	190	ug/Kg
			Total Tics :			2,118.00		
			Total Concentration:			2,118.00		
Client ID : C0TF6								
P4881-06	C0TF6	Solid	(DEL) Alkane: Straight-Chain21.1	*	160.000	J		
P4881-06	C0TF6	Solid	Benzophenone	*	410.000	J		
P4881-06	C0TF6	Solid	Cinnamyl cinnamate	*	370.000	J		
P4881-06	C0TF6	Solid	Total Alkanes	*	160.000	37	240	ug/Kg
			Total Tics :			1,100.00		
			Total Concentration:			1,100.00		
Client ID : C0TF7								

Hit Summary Sheet

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SDG No.: BG112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4881-07	C0TF7	Solid	(DEL) Alkane: Straight-Chain21.1	*	130.000	J		
P4881-07	C0TF7	Solid	Benzophenone	*	180.000	J		
P4881-07	C0TF7	Solid	Cinnamyl cinnamate	*	1,000.000	J		
P4881-07	C0TF7	Solid	n-Hexadecanoic acid	*	92.000	J		
P4881-07	C0TF7	Solid	Naphthalene, 1,2,3,4-tetrahydro-1.	*	96.000	J		
P4881-07	C0TF7	Solid	Total Alkanes	*	130.000	30	200	ug/Kg
Total Tics :					1,628.00			
Total Concentration:					1,628.00			
Client ID :	C0TD1							
P4943-01	C0TD1	Solid	(DEL) Alkane: Straight-Chain21.1	*	74.000	J		
P4943-01	C0TD1	Solid	Benzophenone	*	220.000	J		
P4943-01	C0TD1	Solid	Total Alkanes	*	74.000	28	180	ug/Kg
Total Tics :					368.00			
Total Concentration:					368.00			
Client ID :	C0TD2							
P4943-02	C0TD2	Solid	(DEL) Alkane: Straight-Chain21.1	*	100.000	J		
P4943-02	C0TD2	Solid	Benzophenone	*	250.000	J		
P4943-02	C0TD2	Solid	Total Alkanes	*	100.000	29	190	ug/Kg
Total Tics :					450.00			
Total Concentration:					450.00			
Client ID :	C0TD6							
P4943-03	C0TD6	Solid	Benzophenone	*	200.000	J		
P4943-03	C0TD6	Solid	Total Alkanes	*	0.000	31	200	ug/Kg
Total Tics :					200.00			
Total Concentration:					200.00			
Client ID :	C0TD7							
P4943-04	C0TD7	Solid	(DEL) Alkane: Straight-Chain21.1	*	120.000	J		
P4943-04	C0TD7	Solid	Benzophenone	*	260.000	J		
P4943-04	C0TD7	Solid	Total Alkanes	*	120.000	30	200	ug/Kg
Total Tics :					500.00			
Total Concentration:					500.00			
Client ID :	C0TE1							
P4943-05	C0TE1	Solid	(DEL) Alkane: Straight-Chain21.1	*	120.000	J		
P4943-05	C0TE1	Solid	Benzophenone	*	260.000	J		
P4943-05	C0TE1	Solid	Total Alkanes	*	120.000	29	190	ug/Kg
Total Tics :					500.00			
Total Concentration:					500.00			
Client ID :	C0TF9							

Hit Summary Sheet SW-846

SDG No.: BG112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4943-06	C0TF9	Solid	(DEL) Alkane: Straight-Chain21.1	*	83.000	J		
P4943-06	C0TF9	Solid	Benzophenone	*	170.000	J		
P4943-06	C0TF9	Solid	Total Alkanes	*	83.000	30	200	ug/Kg
Total Tics :					336.00			
Total Concentration:					336.00			
Client ID : C0TG0								
P4943-07	C0TG0	Solid	(DEL) Alkane: Cyclic21.149	*	140.000	J		
P4943-07	C0TG0	Solid	Benzophenone	*	240.000	J		
P4943-07	C0TG0	Solid	Tridecanoic acid	*	98.000	J		
P4943-07	C0TG0	Solid	Total Alkanes	*	140.000	30	200	ug/Kg
Total Tics :					618.00			
Total Concentration:					618.00			
Client ID : E1PH7								
P4965-01	E1PH7	Water	Total Alkanes	*	0.000	0.99	5	ug/L
Total Tics :					0.00			
Total Concentration:					0.00			
Client ID : E1PH8								
P4965-02	E1PH8	Water	Total Alkanes	*	0.000	0.99	5	ug/L
Total Tics :					0.00			
Total Concentration:					0.00			



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG112024 SAS No.: BG112024 SDG No.: BG112024
Instrument ID: _____ Calibration Date(s): 11/20/2024
Calibration Time(s): 10:20

LAB FILE ID:		RRFAL1 = BG063479.D		RRFAL2 = BG063480.D		RRFAL3 = BG063481.D		
		RRFAL4 = BG063482.D		RRFAL5 = BG063483.D		RRFAL6 = BG063484.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.553	0.693	0.641	0.574	0.531		0.598	11.2
Benzaldehyde		1.157	1.188	1.056	0.726	0.580	0.941	29.0
Pyridine		1.562	1.718	1.639	1.583	1.578	1.616	4.0
Hexachloroethane	0.513	0.512	0.580	0.562	0.521		0.537	5.8
Nitrobenzene	0.386	0.430	0.480	0.455	0.452		0.441	8.0
Isophorone	0.738	0.791	0.867	0.816	0.810		0.805	5.8
2-Nitrophenol	0.158	0.164	0.191	0.183	0.184		0.176	7.8
2,4-Dimethylphenol	0.356	0.370	0.415	0.378	0.378		0.379	5.8
Bis(2-Chloroethoxy)methane	0.418	0.446	0.484	0.439	0.440		0.445	5.4
2,4-Dichlorophenol	0.303	0.316	0.363	0.339	0.334		0.331	7.0
Naphthalene	0.952	1.009	1.119	1.031	1.000		1.022	6.0
4-Chloroaniline		0.396	0.441	0.407	0.404	0.398	0.409	4.5
Hexachlorobutadiene	0.284	0.292	0.303	0.298	0.298		0.295	2.4
Phenol		1.744	1.898	1.800	1.771	1.755	1.794	3.5
Caprolactam		0.111	0.118	0.113	0.106	0.110	0.112	3.8
4-Chloro-3-methylphenol	0.301	0.316	0.367	0.346	0.354		0.337	8.1
1-Methylnaphthalene	0.746	0.758	0.818	0.754	0.734		0.762	4.3
2-Methylnaphthalene	0.671	0.709	0.789	0.738	0.722		0.726	6.0
Hexachlorocyclopentadiene		0.184	0.285	0.298	0.349	0.382	0.300	25.2
2,4,6-Trichlorophenol	0.366	0.369	0.408	0.389	0.397		0.386	4.6
2,4,5-Trichlorophenol	0.347	0.385	0.442	0.403	0.413		0.398	8.9
1,1-Biphenyl	1.243	1.297	1.464	1.331	1.301		1.327	6.2
2-Chloronaphthalene	0.998	1.028	1.145	1.025	1.018		1.043	5.6
2-Nitroaniline	0.262	0.294	0.376	0.356	0.356		0.329	14.7
Bis(2-Chloroethyl)ether		1.273	1.408	1.294	1.266	1.232	1.295	5.2
Dimethylphthalate	1.267	1.326	1.440	1.315	1.267		1.323	5.4
2,6-Dinitrotoluene	0.228	0.262	0.299	0.277	0.275		0.268	9.7
Acenaphthylene	1.460	1.514	1.735	1.563	1.510		1.556	6.8
3-Nitroaniline		0.260	0.274	0.244	0.229	0.223	0.246	8.7
Acenaphthene	1.089	1.106	1.235	1.103	1.088		1.124	5.6
2,4-Dinitrophenol		0.082	0.114	0.134	0.168	0.191	0.138	31.3
4-Nitrophenol		0.182	0.263	0.229	0.237	0.261	0.234	13.9
Dibenzofuran	1.512	1.598	1.770	1.621	1.563		1.613	6.0
2,4-Dinitrotoluene	0.354	0.403	0.460	0.423	0.412		0.411	9.3
Diethylphthalate	1.272	1.322	1.477	1.322	1.288		1.336	6.1
2-Chlorophenol	1.237	1.193	1.316	1.252	1.223		1.244	3.7

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.: BG112024

SAS No.: BG112024

SDG No.: BG112024

Instrument ID: _____

Calibration Date(s): 11/20/2024

Calibration Time(s): 10:20

LAB FILE ID:		RRFAL1 = BG063479.D			RRFAL2 = BG063480.D		RRFAL3 = BG063481.D	
		RRFAL4 = BG063482.D			RRFAL5 = BG063483.D		RRFAL6 = BG063484.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.346	1.372	1.487	1.359	1.301		1.373	5.0
4-Chlorophenyl-phenylether	0.796	0.792	0.884	0.825	0.800		0.819	4.6
4-Nitroaniline		0.259	0.308	0.255	0.223	0.214	0.252	14.8
4,6-Dinitro-2-methylphenol		0.100	0.124	0.123	0.124	0.130	0.120	9.8
N-Nitrosodiphenylamine	0.442	0.463	0.534	0.477	0.458		0.475	7.4
1,2,4,5-Tetrachlorobenzene	0.665	0.683	0.750	0.713	0.704		0.703	4.6
4-Bromophenyl-phenylether	0.202	0.210	0.249	0.232	0.226		0.224	8.2
Hexachlorobenzene	0.222	0.224	0.257	0.237	0.234		0.235	5.9
Atrazine		0.215	0.253	0.233	0.224	0.221	0.229	6.5
Pentachlorophenol		0.075	0.114	0.109	0.119	0.132	0.110	19.2
2-Methylphenol		1.255	1.388	1.380	1.332	1.317	1.335	4.0
Phenanthrene	0.920	0.942	1.058	0.960	0.887		0.953	6.8
Pentachlorobenzene	0.259	0.275	0.321	0.298	0.285		0.287	8.2
Anthracene	0.951	0.959	1.081	0.979	0.898		0.974	6.9
1,2,3,4-Tetrachlorobenzene	0.267	0.275	0.317	0.302	0.294		0.291	7.0
Carbazole		0.810	0.936	0.824	0.772	0.698	0.808	10.7
Di-n-butylphthalate	0.867	0.902	1.068	0.935	0.858		0.926	9.2
Fluoranthene	1.045	1.101	1.262	1.122	1.013		1.109	8.7
Pyrene	1.146	1.161	1.392	1.197	1.042		1.188	10.8
Butylbenzylphthalate	0.355	0.367	0.432	0.399	0.375		0.385	7.9
3,3-Dichlorobenzidine		0.453	0.497	0.441	0.400	0.358	0.430	12.3
2,2-oxybis (1-Chloropropane)		1.885	2.057	1.939	1.824	1.779	1.897	5.7
Benzo (a) anthracene	1.261	1.293	1.449	1.294	1.170		1.293	7.8
Chrysene	1.179	1.212	1.361	1.206	1.087		1.209	8.2
Bis (2-ethylhexyl) phthalate	0.524	0.544	0.628	0.570	0.536		0.560	7.4
Di-n-octyl phthalate		0.873	1.015	0.924	0.883	0.742	0.887	11.2
Benzo (b) fluoranthene	1.091	1.175	1.309	1.239	1.189		1.201	6.7
Benzo (k) fluoranthene	1.134	1.144	1.397	1.199	1.151		1.205	9.2
Benzo (a) pyrene	1.063	1.090	1.244	1.130	1.092		1.124	6.4
Indeno (1,2,3-cd) pyrene	1.267	1.358	1.547	1.418	1.380		1.394	7.3
Dibenzo (a,h) anthracene	1.044	1.111	1.273	1.152	1.118		1.140	7.4
Benzo (g,h,i) perylene	0.965	1.038	1.173	1.067	1.042		1.057	7.1
Acetophenone		2.115	2.324	2.265	2.111	2.041	2.171	5.5
2,3,4,6-Tetrachlorophenol	0.331	0.347	0.420	0.393	0.400		0.378	9.9
1,4-Dioxane-d8	0.451	0.550	0.516	0.523	0.494		0.507	7.3
Pyridine-d5		1.554	1.671	1.618	1.557	1.541	1.588	3.5

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.: BG112024 SAS No.: BG112024 SDG No.: BG112024
Instrument ID: _____ Calibration Date(s): 11/20/2024 _____
Calibration Time(s): 10:20 _____

LAB FILE ID:		RRF _{FAL1} = BG063479.D			RRF _{FAL2} = BG063480.D		RRF _{FAL3} = BG063481.D	
		RRF _{FAL4} = BG063482.D			RRF _{FAL5} = BG063483.D		RRF _{FAL6} = BG063484.D	
COMPOUND	RRF _{FAL1}	RRF _{FAL2}	RRF _{FAL3}	RRF _{FAL4}	RRF _{FAL5}	RRF _{FAL6}	RRF	% RSD
Phenol-d5		1.493	1.779	1.705	1.621	1.627	1.645	6.5
Bis-(2-Chloroethyl)ether-d8		0.998	1.129	1.081	1.043	1.025	1.055	4.8
2-Chlorophenol-d4	1.047	1.183	1.241	1.192	1.166		1.166	6.2
4-Methylphenol-d8		1.278	1.453	1.437	1.360	1.346	1.375	5.2
Nitrobenzene-d5	0.121	0.140	0.160	0.146	0.152		0.144	10.3
2-Nitrophenol-d4	0.162	0.169	0.191	0.182	0.184		0.177	6.7
2,4-Dichlorophenol-d3	0.293	0.329	0.374	0.348	0.350		0.339	9.0
4-Chloroaniline-d4		0.394	0.470	0.426	0.430	0.422	0.428	6.3
4-Methylphenol		1.397	1.607	1.480	1.428	1.406	1.464	5.9
Dimethylphthalate-d6	1.250	1.330	1.502	1.365	1.341		1.358	6.7
Acenaphthylene-d8	1.475	1.520	1.687	1.558	1.501		1.548	5.4
4-Nitrophenol-d4		0.171	0.212	0.198	0.210	0.218	0.202	9.3
Fluorene-d10	1.202	1.192	1.330	1.234	1.211		1.234	4.5
4,6-Dinitro-2-methylphenol-		0.088	0.116	0.115	0.120	0.124	0.112	12.8
Anthracene-d10	0.831	0.842	0.969	0.879	0.824		0.869	6.9
Pyrene-d10	0.940	0.988	1.135	1.015	0.935		1.003	8.1
Benzo(a)pyrene-d12	0.899	0.920	1.069	0.998	0.965		0.970	7.0
N-Nitroso-di-n-propylamine	1.067	1.218	1.313	1.263	1.206		1.213	7.6

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.: BG112224 SAS No.: BG112224 SDG NO.: BG112224

EPA Sample No.: SSTD020419 Date Analyzed: Nov 22 2024 12:00AM

Lab File ID: BG063481.D Time Analyzed: 09:44

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	102084	7.833	423472	10.62	332670	14.47
	UPPER LIMIT	204168	8.333	846944	11.118	665340	14.972
	LOWER LIMIT	51042	7.333	211736	10.118	166335	13.972
	EPA SAMPLE NO.						
01	SBLK168	88272	7.83	354158	10.62	279798	14.47
02	SBLK149	80374	7.83	335462	10.62	257817	14.47
03	SBLK173	87761	7.83	357258	10.62	281882	14.47
04	MDL-WATER-QT4-2024-08	99983	7.83	424421	10.62	338666	14.47
05	MDL-SOIL-QT4-2024-08	101978	7.83	408786	10.62	314265	14.47
06	MDL-MED-SOIL-QT4-2024-08	104352	7.83	412372	10.62	318937	14.48
07	SBLK173	81788	7.83	351843	10.62	279038	14.47
08	C0TD1	89427	7.83	386620	10.62	304560	14.48
09	C0TD2	90733	7.83	369795	10.62	289104	14.48
10	C0TD6	108827	7.83	436242	10.62	344256	14.47
11	C0TD7	95307	7.83	403980	10.62	314928	14.47
12	C0TE1	93612	7.83	388156	10.62	296050	14.47
13	C0TF9	103279	7.83	397634	10.62	312407	14.47
14	C0TG0	101583	7.83	405417	10.62	319282	14.47
15	E1PH7	103028	7.83	421919	10.62	338335	14.47
16	E1PH8	91795	7.83	365615	10.62	297643	14.47
17	SBLK199	94692	7.83	386965	10.62	299663	14.47
18	SLCS199	98792	7.83	396727	10.62	315459	14.47
19	SLCS173	94022	7.83	405604	10.62	327431	14.47
20	SBLK173	85317	7.83	357417	10.62	293921	14.47
21	SBLK140	102559	7.83	435949	10.62	337252	14.47
22	C0TD4	110139	7.83	470565	10.62	368290	14.47
23	C0TD5	107123	7.83	466455	10.62	374991	14.47

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG112224 SAS No.: BG112224 SDG NO.: BG112224

EPA Sample No.: SSTD020419 Date Analyzed: Nov 23 2024 12:00AM

Lab File ID: BG063481.D Time Analyzed: 02:36

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	102084	7.833	423472	10.62	332670	14.47
UPPER LIMIT	204168	8.333	846944	11.118	665340	14.972
LOWER LIMIT	51042	7.333	211736	10.118	166335	13.972
EPA SAMPLE NO.						
24 C0TD8	116424	7.83	489269	10.62	388113	14.47
25 C0TF4	107021	7.83	466205	10.62	368163	14.47
26 C0TF5	115955	7.83	493889	10.62	376037	14.47
27 C0TF6	104966	7.83	450750	10.62	356114	14.47
28 C0TF7	121768	7.83	509118	10.62	396918	14.47
29 SLCS140	103084	7.83	433090	10.62	346003	14.47

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.: BG112224 SAS No.: BG112224 SDG NO.: BG112224

EPA Sample No.: SSTD020547 Date Analyzed: Nov 22 2024 12:00AM

Lab File ID: BG063511.D Time Analyzed: 09:44

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	93814	7.831	389508	10.62	299006	14.47
UPPER LIMIT	187628	8.331	779016	11.122	598012	14.97
LOWER LIMIT	46907	7.331	194754	10.122	149503	13.97
EPA SAMPLE NO.						
01 SBLK168	88272	7.83	354158	10.62	279798	14.47
02 SBLK149	80374	7.83	335462	10.62	257817	14.47
03 SBLK173	87761	7.83	357258	10.62	281882	14.47
04 MDL-WATER-QT4-2024-08	99983	7.83	424421	10.62	338666	14.47
05 MDL-SOIL-QT4-2024-08	101978	7.83	408786	10.62	314265	14.47
06 MDL-MED-SOIL-QT4-2024-08	104352	7.83	412372	10.62	318937	14.48

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.: BG112224 SAS No.: BG112224 SDG NO.: BG112224

EPA Sample No.: SSTD020548 Date Analyzed: Nov 22 2024 12:00AM

Lab File ID: BG063518.D Time Analyzed: 14:26

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	90574	7.829	377966	10.62	289927	14.47
UPPER LIMIT	181148	8.329	755932	11.12	579854	14.974
LOWER LIMIT	45287	7.329	188983	10.12	144963.5	13.974
EPA SAMPLE NO.						
01 SBLK173	81788	7.83	351843	10.62	279038	14.47
02 C0TD1	89427	7.83	386620	10.62	304560	14.48
03 C0TD2	90733	7.83	369795	10.62	289104	14.48
04 C0TD6	108827	7.83	436242	10.62	344256	14.47
05 C0TD7	95307	7.83	403980	10.62	314928	14.47
06 C0TE1	93612	7.83	388156	10.62	296050	14.47
07 C0TF9	103279	7.83	397634	10.62	312407	14.47
08 C0TG0	101583	7.83	405417	10.62	319282	14.47
09 E1PH7	103028	7.83	421919	10.62	338335	14.47
10 E1PH8	91795	7.83	365615	10.62	297643	14.47
11 SBLK199	94692	7.83	386965	10.62	299663	14.47
12 SLCS199	98792	7.83	396727	10.62	315459	14.47
13 SLCS173	94022	7.83	405604	10.62	327431	14.47

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.: BG112224 SAS No.: BG112224 SDG NO.: BG112224

EPA Sample No.: SSTD020549 Date Analyzed: Nov 23 2024 12:00AM

Lab File ID: BG063532.D Time Analyzed: 00:04

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	90149	7.83	378255	10.62	303483	14.47
UPPER LIMIT	180298	8.33	756510	11.121	606966	14.969
LOWER LIMIT	45074.5	7.33	189127.5	10.121	151741.5	13.969
EPA SAMPLE NO.						
01 SBLK173	85317	7.83	357417	10.62	293921	14.47
02 SBLK140	102559	7.83	435949	10.62	337252	14.47
03 C0TD4	110139	7.83	470565	10.62	368290	14.47
04 C0TD5	107123	7.83	466455	10.62	374991	14.47
05 C0TD8	116424	7.83	489269	10.62	388113	14.47
06 C0TF4	107021	7.83	466205	10.62	368163	14.47
07 C0TF5	115955	7.83	493889	10.62	376037	14.47
08 C0TF6	104966	7.83	450750	10.62	356114	14.47
09 C0TF7	121768	7.83	509118	10.62	396918	14.47
10 SLCS140	103084	7.83	433090	10.62	346003	14.47

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.: BG112224 SAS No.: BG112224 SDG NO.: BG112224

EPA Sample No.: SSTD020419 Date Analyzed: Nov 22 2024 12:00AM

Lab File ID: BG063481.D Time Analyzed: 09:44

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	798503	17.228	871478	21.482	939052	24.525
	UPPER LIMIT	1597006	17.728	1742956	21.982	1878104	25.025
	LOWER LIMIT	399251.5	16.728	435739	20.982	469526	24.025
	EPA SAMPLE NO.						
01	SBLK168	717581	17.22	844772	21.48	901603	24.53
02	SBLK149	652910	17.22	764106	21.49	828876	24.53
03	SBLK173	691028	17.23	762578	21.49	828935	24.53
04	MDL-WATER-QT4-2024-08	806149	17.23	881161	21.49	935717	24.53
05	MDL-SOIL-QT4-2024-08	785473	17.22	889546	21.48	945476	24.53
06	MDL-MED-SOIL-QT4-2024-08	800405	17.23	890735	21.48	942296	24.53
07	SBLK173	725446	17.22	843235	21.48	888574	24.53
08	C0TD1	749471	17.23	829098	21.49	889625	24.53
09	C0TD2	721783	17.23	829999	21.48	893990	24.53
10	C0TD6	829780	17.22	910423	21.48	993983	24.53
11	C0TD7	773952	17.23	810895	21.49	888245	24.53
12	C0TE1	757253	17.23	838639	21.49	925500	24.53
13	C0TF9	772896	17.22	874060	21.48	932752	24.53
14	C0TG0	787918	17.22	852723	21.48	929552	24.53
15	E1PH7	807789	17.22	856964	21.48	929036	24.53
16	E1PH8	715648	17.23	797830	21.48	870304	24.53
17	SBLK199	755862	17.23	887570	21.48	961653	24.53
18	SLCS199	781178	17.23	858779	21.49	945909	24.53
19	SLCS173	815917	17.23	907544	21.49	974828	24.53
20	SBLK173	739264	17.23	851696	21.49	899499	24.52
21	SBLK140	873223	17.22	990151	21.48	1.05858e+	24.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG112224 SAS No.: BG112224 SDG NO.: BG112224

EPA Sample No.: SSTD020419 Date Analyzed: Nov 23 2024 12:00AM

Lab File ID: BG063481.D Time Analyzed: 01:20

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	798503	17.228	871478	21.482	939052	24.525
	UPPER LIMIT	1597006	17.728	1742956	21.982	1878104	25.025
	LOWER LIMIT	399251.5	16.728	435739	20.982	469526	24.025
	EPA SAMPLE NO.						
22	C0TD4	909701	17.23	1.01868e+	21.49	1.11618e+	24.53
23	C0TD5	945517	17.23	1.04516e+	21.49	1.13161e+	24.53
24	C0TD8	991574	17.22	1.08026e+	21.48	1.1599e+0	24.53
25	C0TF4	924781	17.23	1.02645e+	21.49	1.11741e+	24.52
26	C0TF5	968275	17.22	1.04311e+	21.48	1.13496e+	24.53
27	C0TF6	909710	17.23	954170	21.49	1.04167e+	24.53
28	C0TF7	1.00726	17.23	1.08047e+	21.49	1.1641e+0	24.53
29	SLCS140	869273	17.22	968777	21.48	1.01953e+	24.53

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.: BG112224 SAS No.: BG112224 SDG NO.: BG112224

EPA Sample No.: SSTD020547 Date Analyzed: Nov 22 2024 12:00AM

Lab File ID: BG063511.D Time Analyzed: 09:44

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	712965	17.226	819652	21.486	899423	24.529
UPPER LIMIT	1425930	17.726	1639304	21.986	1798846	25.029
LOWER LIMIT	356482.5	16.726	409826	20.986	449711.5	24.029
EPA SAMPLE NO.						
01 SBLK168	717581	17.22	844772	21.48	901603	24.53
02 SBLK149	652910	17.22	764106	21.49	828876	24.53
03 SBLK173	691028	17.23	762578	21.49	828935	24.53
04 MDL-WATER-QT4-2024-08	806149	17.23	881161	21.49	935717	24.53
05 MDL-SOIL-QT4-2024-08	785473	17.22	889546	21.48	945476	24.53
06 MDL-MED-SOIL-QT4-2024-08	800405	17.23	890735	21.48	942296	24.53

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.: BG112224 SAS No.: BG112224 SDG NO.: BG112224

EPA Sample No.: SSTD020548 Date Analyzed: Nov 22 2024 12:00AM

Lab File ID: BG063518.D Time Analyzed: 14:26

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	721791	17.229	827621	21.489	909798	24.533
UPPER LIMIT	1443582	17.729	1655242	21.989	1819596	25.033
LOWER LIMIT	360895.5	16.729	413810.5	20.989	454899	24.033
EPA SAMPLE NO.						
01 SBLK173	725446	17.22	843235	21.48	888574	24.53
02 C0TD1	749471	17.23	829098	21.49	889625	24.53
03 C0TD2	721783	17.23	829999	21.48	893990	24.53
04 C0TD6	829780	17.22	910423	21.48	993983	24.53
05 C0TD7	773952	17.23	810895	21.49	888245	24.53
06 C0TE1	757253	17.23	838639	21.49	925500	24.53
07 C0TF9	772896	17.22	874060	21.48	932752	24.53
08 C0TG0	787918	17.22	852723	21.48	929552	24.53
09 E1PH7	807789	17.22	856964	21.48	929036	24.53
10 E1PH8	715648	17.23	797830	21.48	870304	24.53
11 SBLK199	755862	17.23	887570	21.48	961653	24.53
12 SLCS199	781178	17.23	858779	21.49	945909	24.53
13 SLCS173	815917	17.23	907544	21.49	974828	24.53

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.: BG112224 SAS No.: BG112224 SDG NO.: BG112224

EPA Sample No.: SSTD020549 Date Analyzed: Nov 23 2024 12:00AM

Lab File ID: BG063532.D Time Analyzed: 00:04

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	763609	17.225	838799	21.484	913859	24.528
UPPER LIMIT	1527218	17.725	1677598	21.984	1827718	25.028
LOWER LIMIT	381804.5	16.725	419399.5	20.984	456929.5	24.028
EPA SAMPLE NO.						
01 SBLK173	739264	17.23	851696	21.49	899499	24.52
02 SBLK140	873223	17.22	990151	21.48	1.05858e+	24.53
03 C0TD4	909701	17.23	1.01868e+	21.49	1.11618e+	24.53
04 C0TD5	945517	17.23	1.04516e+	21.49	1.13161e+	24.53
05 C0TD8	991574	17.22	1.08026e+	21.48	1.1599e+0	24.53
06 C0TF4	924781	17.23	1.02645e+	21.49	1.11741e+	24.52
07 C0TF5	968275	17.22	1.04311e+	21.48	1.13496e+	24.53
08 C0TF6	909710	17.23	954170	21.49	1.04167e+	24.53
09 C0TF7	1.00726	17.23	1.08047e+	21.49	1.1641e+0	24.53
10 SLCS140	869273	17.22	968777	21.48	1.01953e+	24.53

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.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB165140BS	1,4-Dioxane	530	290	ug/Kg	55				0	0	
	Benzaldehyde	1300	110	ug/Kg	8				0	0	
	Pyridine	1300	760	ug/Kg	58				0	0	
	Phenol	1300	920	ug/Kg	71				0	0	
	Bis(2-chloroethyl)ether	1300	900	ug/Kg	69				0	0	
	2-Chlorophenol	1300	940	ug/Kg	72				0	0	
	2-Methylphenol	1300	940	ug/Kg	72				0	0	
	2,2-oxybis(1-Chloropropane)	1300	910	ug/Kg	70				0	0	
	Acetophenone	1300	910	ug/Kg	70				0	0	
	4-Methylphenol	1300	950	ug/Kg	73				0	0	
	N-Nitroso-di-n-propylamine	1300	930	ug/Kg	72				0	0	
	Hexachloroethane	1300	900	ug/Kg	69				0	0	
	Nitrobenzene	1300	920	ug/Kg	71				0	0	
	Isophorone	1300	940	ug/Kg	72				0	0	
	2-Nitrophenol	1300	970	ug/Kg	75				0	0	
	2,4-Dimethylphenol	1300	720	ug/Kg	55				0	0	
	Bis(2-chloroethoxy)methane	1300	920	ug/Kg	71				0	0	
	2,4-Dichlorophenol	1300	940	ug/Kg	72				0	0	
	Naphthalene	1300	940	ug/Kg	72				0	0	
	4-Chloroaniline	1300	470	ug/Kg	36				0	0	
	Hexachlorobutadiene	1300	910	ug/Kg	70				0	0	
	Caprolactam	1300	920	ug/Kg	71				0	0	
	4-Chloro-3-methylphenol	1300	1000	ug/Kg	77				0	0	
	1-Methylnaphthalene	1300	900	ug/Kg	69				0	0	
	2-Methylnaphthalene	1300	960	ug/Kg	74				0	0	
	Hexachlorocyclopentadiene	1300	600	ug/Kg	46				0	0	
	2,4,6-Trichlorophenol	1300	940	ug/Kg	72				0	0	
	2,4,5-Trichlorophenol	1300	990	ug/Kg	76				0	0	
	1,1'-Biphenyl	1300	940	ug/Kg	72				0	0	
	2-Chloronaphthalene	1300	930	ug/Kg	72				0	0	
	2-Nitroaniline	1300	1000	ug/Kg	77				0	0	
	Dimethylphthalate	1300	930	ug/Kg	72				0	0	
	2,6-Dinitrotoluene	1300	980	ug/Kg	75				0	0	
	Acenaphthylene	1300	940	ug/Kg	72				0	0	
	3-Nitroaniline	1300	1000	ug/Kg	77				0	0	
	Acenaphthene	1300	950	ug/Kg	73				0	0	
	2,4-Dinitrophenol	1300	980	ug/Kg	75				0	0	
	4-Nitrophenol	1300	980	ug/Kg	75				0	0	
	Dibenzofuran	1300	950	ug/Kg	73				0	0	
	2,4-Dinitrotoluene	1300	970	ug/Kg	75				0	0	
	Diethylphthalate	1300	970	ug/Kg	75				0	0	
	Fluorene	1300	950	ug/Kg	73				0	0	
	4-Chlorophenyl-phenylether	1300	940	ug/Kg	72				0	0	
	4-Nitroaniline	1300	1200	ug/Kg	92				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165140BS	4,6-Dinitro-2-methylphenol	1300	960	ug/Kg	74				0	0	
	N-Nitrosodiphenylamine	1300	920	ug/Kg	71				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	900	ug/Kg	69				0	0	
	4-Bromophenyl-phenylether	1300	960	ug/Kg	74				0	0	
	Hexachlorobenzene	1300	930	ug/Kg	72				0	0	
	Atrazine	1300	850	ug/Kg	65				0	0	
	Pentachlorophenol	1300	870	ug/Kg	67				0	0	
	Phenanthrene	1300	960	ug/Kg	74				0	0	
	Pentachlorobenzene	1300	900	ug/Kg	69				0	0	
	Anthracene	1300	930	ug/Kg	72				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	870	ug/Kg	67				0	0	
	Carbazole	1300	1000	ug/Kg	77				0	0	
	Di-n-butylphthalate	1300	1000	ug/Kg	77				0	0	
	Fluoranthene	1300	970	ug/Kg	75				0	0	
	Pyrene	1300	960	ug/Kg	74				0	0	
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0	
	3,3'-Dichlorobenzidine	1300	930	ug/Kg	72				0	0	
	Benzo(a)anthracene	1300	950	ug/Kg	73				0	0	
	Chrysene	1300	950	ug/Kg	73				0	0	
	Bis(2-ethylhexyl)phthalate	1300	990	ug/Kg	76				0	0	
	Di-n-octylphthalate	1300	1000	ug/Kg	77				0	0	
	Benzo(b)fluoranthene	1300	990	ug/Kg	76				0	0	
	Benzo(k)fluoranthene	1300	950	ug/Kg	73				0	0	
	Benzo(a)pyrene	1300	960	ug/Kg	74				0	0	
	Indeno(1,2,3-cd)pyrene	1300	960	ug/Kg	74				0	0	
	Dibenzo(a,h)anthracene	1300	970	ug/Kg	75				0	0	
	Benzo(g,h,i)perylene	1300	980	ug/Kg	75				0	0	
	2,3,4,6-Tetrachlorophenol	1300	970	ug/Kg	75				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165173BS	1,4-Dioxane	530	300	ug/Kg	57				0	0		
	Benzaldehyde	1300	89	ug/Kg	7				0	0		
	Pyridine	1300	740	ug/Kg	57				0	0		
	Phenol	1300	890	ug/Kg	68				0	0		
	Bis(2-chloroethyl)ether	1300	870	ug/Kg	67				0	0		
	2-Chlorophenol	1300	900	ug/Kg	69				0	0		
	2-Methylphenol	1300	890	ug/Kg	68				0	0		
	2,2-oxybis(1-Chloropropane)	1300	870	ug/Kg	67				0	0		
	Acetophenone	1300	850	ug/Kg	65				0	0		
	4-Methylphenol	1300	900	ug/Kg	69				0	0		
	N-Nitroso-di-n-propylamine	1300	910	ug/Kg	70				0	0		
	Hexachloroethane	1300	860	ug/Kg	66				0	0		
	Nitrobenzene	1300	860	ug/Kg	66				0	0		
	Isophorone	1300	870	ug/Kg	67				0	0		
	2-Nitrophenol	1300	900	ug/Kg	69				0	0		
	2,4-Dimethylphenol	1300	700	ug/Kg	54				0	0		
	Bis(2-chloroethoxy)methane	1300	840	ug/Kg	65				0	0		
	2,4-Dichlorophenol	1300	910	ug/Kg	70				0	0		
	Naphthalene	1300	870	ug/Kg	67				0	0		
	4-Chloroaniline	1300	420	ug/Kg	32				0	0		
	Hexachlorobutadiene	1300	880	ug/Kg	68				0	0		
	Caprolactam	1300	880	ug/Kg	68				0	0		
	4-Chloro-3-methylphenol	1300	910	ug/Kg	70				0	0		
	1-Methylnaphthalene	1300	830	ug/Kg	64				0	0		
	2-Methylnaphthalene	1300	900	ug/Kg	69				0	0		
	Hexachlorocyclopentadiene	1300	610	ug/Kg	47				0	0		
	2,4,6-Trichlorophenol	1300	870	ug/Kg	67				0	0		
	2,4,5-Trichlorophenol	1300	910	ug/Kg	70				0	0		
	1,1'-Biphenyl	1300	860	ug/Kg	66				0	0		
	2-Chloronaphthalene	1300	870	ug/Kg	67				0	0		
	2-Nitroaniline	1300	920	ug/Kg	71				0	0		
	Dimethylphthalate	1300	890	ug/Kg	68				0	0		
	2,6-Dinitrotoluene	1300	910	ug/Kg	70				0	0		
	Acenaphthylene	1300	880	ug/Kg	68				0	0		
	3-Nitroaniline	1300	930	ug/Kg	72				0	0		
	Acenaphthene	1300	880	ug/Kg	68				0	0		
	2,4-Dinitrophenol	1300	880	ug/Kg	68				0	0		
	4-Nitrophenol	1300	880	ug/Kg	68				0	0		
	Dibenzofuran	1300	900	ug/Kg	69				0	0		
	2,4-Dinitrotoluene	1300	890	ug/Kg	68				0	0		
	Diethylphthalate	1300	920	ug/Kg	71				0	0		
	Fluorene	1300	890	ug/Kg	68				0	0		
	4-Chlorophenyl-phenylether	1300	900	ug/Kg	69				0	0		
	4-Nitroaniline	1300	1100	ug/Kg	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165173BS	4,6-Dinitro-2-methylphenol	1300	890	ug/Kg	68				0	0		
	N-Nitrosodiphenylamine	1300	850	ug/Kg	65				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	860	ug/Kg	66				0	0		
	4-Bromophenyl-phenylether	1300	890	ug/Kg	68				0	0		
	Hexachlorobenzene	1300	870	ug/Kg	67				0	0		
	Atrazine	1300	760	ug/Kg	58				0	0		
	Pentachlorophenol	1300	750	ug/Kg	58				0	0		
	Phenanthrene	1300	890	ug/Kg	68				0	0		
	Pentachlorobenzene	1300	850	ug/Kg	65				0	0		
	Anthracene	1300	870	ug/Kg	67				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	830	ug/Kg	64				0	0		
	Carbazole	1300	920	ug/Kg	71				0	0		
	Di-n-butylphthalate	1300	930	ug/Kg	72				0	0		
	Fluoranthene	1300	910	ug/Kg	70				0	0		
	Pyrene	1300	890	ug/Kg	68				0	0		
	Butylbenzylphthalate	1300	910	ug/Kg	70				0	0		
	3,3'-Dichlorobenzidine	1300	800	ug/Kg	62				0	0		
	Benzo(a)anthracene	1300	890	ug/Kg	68				0	0		
	Chrysene	1300	890	ug/Kg	68				0	0		
	Bis(2-ethylhexyl)phthalate	1300	900	ug/Kg	69				0	0		
	Di-n-octylphthalate	1300	930	ug/Kg	72				0	0		
	Benzo(b)fluoranthene	1300	880	ug/Kg	68				0	0		
	Benzo(k)fluoranthene	1300	910	ug/Kg	70				0	0		
	Benzo(a)pyrene	1300	880	ug/Kg	68				0	0		
	Indeno(1,2,3-cd)pyrene	1300	870	ug/Kg	67				0	0		
	Dibenzo(a,h)anthracene	1300	870	ug/Kg	67				0	0		
	Benzo(g,h,i)perylene	1300	890	ug/Kg	68				0	0		
	2,3,4,6-Tetrachlorophenol	1300	870	ug/Kg	67				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD			Limits		
						RPD	Qual	Qual	Low	High	RPD
PB165199BS	1,4-Dioxane	16	9.6	ug/L	60				0	0	
	Benzaldehyde	40	22	ug/L	55				0	0	
	Pyridine	40	25	ug/L	63				0	0	
	Phenol	40	31	ug/L	78				0	0	
	Bis(2-chloroethyl)ether	40	31	ug/L	78				0	0	
	2-Chlorophenol	40	31	ug/L	78				0	0	
	2-Methylphenol	40	32	ug/L	80				0	0	
	2,2-oxybis(1-Chloropropane)	40	30	ug/L	75				0	0	
	Acetophenone	40	31	ug/L	78				0	0	
	4-Methylphenol	40	31	ug/L	78				0	0	
	N-Nitroso-di-n-propylamine	40	32	ug/L	80				0	0	
	Hexachloroethane	40	31	ug/L	78				0	0	
	Nitrobenzene	40	33	ug/L	83				0	0	
	Isophorone	40	33	ug/L	83				0	0	
	2-Nitrophenol	40	34	ug/L	85				0	0	
	2,4-Dimethylphenol	40	27	ug/L	68				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	33	ug/L	83				0	0	
	4-Chloroaniline	40	23	ug/L	58				0	0	
	Hexachlorobutadiene	40	31	ug/L	78				0	0	
	Caprolactam	40	33	ug/L	83				0	0	
	4-Chloro-3-methylphenol	40	34	ug/L	85				0	0	
	1-Methylnaphthalene	40	32	ug/L	80				0	0	
	2-Methylnaphthalene	40	34	ug/L	85				0	0	
	Hexachlorocyclopentadiene	40	24	ug/L	60				0	0	
	2,4,6-Trichlorophenol	40	30	ug/L	75				0	0	
	2,4,5-Trichlorophenol	40	31	ug/L	78				0	0	
	1,1'-Biphenyl	40	33	ug/L	83				0	0	
	2-Chloronaphthalene	40	32	ug/L	80				0	0	
	2-Nitroaniline	40	36	ug/L	90				0	0	
	Dimethylphthalate	40	34	ug/L	85				0	0	
	2,6-Dinitrotoluene	40	35	ug/L	88				0	0	
	Acenaphthylene	40	34	ug/L	85				0	0	
	3-Nitroaniline	40	36	ug/L	90				0	0	
	Acenaphthene	40	33	ug/L	83				0	0	
	2,4-Dinitrophenol	40	33	ug/L	83				0	0	
	4-Nitrophenol	40	33	ug/L	83				0	0	
	Dibenzofuran	40	33	ug/L	83				0	0	
	2,4-Dinitrotoluene	40	34	ug/L	85				0	0	
	Diethylphthalate	40	34	ug/L	85				0	0	
	Fluorene	40	33	ug/L	83				0	0	
	4-Chlorophenyl-phenylether	40	33	ug/L	83				0	0	
	4-Nitroaniline	40	40	ug/L	100				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165199BS	4,6-Dinitro-2-methylphenol	40	34	ug/L	85				0	0	
	N-Nitrosodiphenylamine	40	33	ug/L	83				0	0	
	1,2,4,5-Tetrachlorobenzene	40	32	ug/L	80				0	0	
	4-Bromophenyl-phenylether	40	33	ug/L	83				0	0	
	Hexachlorobenzene	40	33	ug/L	83				0	0	
	Atrazine	40	13	ug/L	33				0	0	
	Pentachlorophenol	40	24	ug/L	60				0	0	
	Phenanthrene	40	34	ug/L	85				0	0	
	Pentachlorobenzene	40	31	ug/L	78				0	0	
	Anthracene	40	33	ug/L	83				0	0	
	1,2,3,4-Tetrachlorobenzene	40	31	ug/L	78				0	0	
	Carbazole	40	35	ug/L	88				0	0	
	Di-n-butylphthalate	40	35	ug/L	88				0	0	
	Fluoranthene	40	34	ug/L	85				0	0	
	Pyrene	40	34	ug/L	85				0	0	
	Butylbenzylphthalate	40	35	ug/L	88				0	0	
	3,3'-Dichlorobenzidine	40	34	ug/L	85				0	0	
	Benzo(a)anthracene	40	34	ug/L	85				0	0	
	Chrysene	40	34	ug/L	85				0	0	
	Bis(2-ethylhexyl)phthalate	40	35	ug/L	88				0	0	
	Di-n-octylphthalate	40	35	ug/L	88				0	0	
	Benzo(b)fluoranthene	40	35	ug/L	88				0	0	
	Benzo(k)fluoranthene	40	33	ug/L	83				0	0	
	Benzo(a)pyrene	40	33	ug/L	83				0	0	
	Indeno(1,2,3-cd)pyrene	40	33	ug/L	83				0	0	
	Dibenzo(a,h)anthracene	40	34	ug/L	85				0	0	
	Benzo(g,h,i)perylene	40	34	ug/L	85				0	0	
	2,3,4,6-Tetrachlorophenol	40	29	ug/L	73				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK140

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG112224

SAS No.: BG112224 SDG NO.: BG112224

Lab File ID: BG063534.D

Lab Sample ID: PB165140BL

Instrument ID: BNA_G

Date Extracted: 11/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/23/2024

Level: (low/med) LOW

Time Analyzed: 00:42

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0TD4	P4881-01	BG063535.D	11/23/2024
C0TD5	P4881-02	BG063536.D	11/23/2024
C0TD8	P4881-03	BG063537.D	11/23/2024
C0TF4	P4881-04	BG063538.D	11/23/2024
C0TF5	P4881-05	BG063539.D	11/23/2024
C0TF6	P4881-06	BG063540.D	11/23/2024
C0TF7	P4881-07	BG063541.D	11/23/2024
PB165140BS	PB165140BS	BG063542.D	11/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK149

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG112224

SAS No.: BG112224 SDG NO.: BG112224

Lab File ID: BG063513.D

Lab Sample ID: PB165149BL

Instrument ID: BNA_G

Date Extracted: 11/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/22/2024

Level: (low/med) MED

Time Analyzed: 10:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-MED-SOIL-QT4-2024-08	P4776-06	BG063517.D	11/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK168

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG112224

SAS No.: BG112224 SDG NO.: BG112224

Lab File ID: BG063512.D

Lab Sample ID: PB165168BL

Instrument ID: BNA_G

Date Extracted: 11/21/2024

Matrix: (soil/water) Water

Date Analyzed: 11/22/2024

Level: (low/med) LOW

Time Analyzed: 09:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT4-2024-08	P4776-02	BG063515.D	11/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK173

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG112224

SAS No.: BG112224 SDG NO.: BG112224

Lab File ID: BG063514.D

Lab Sample ID: PB165173BL

Instrument ID: BNA_G

Date Extracted: 11/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/22/2024

Level: (low/med) LOW

Time Analyzed: 11:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0TD1	P4943-01	BG063520.D	11/22/2024
C0TD2	P4943-02	BG063521.D	11/22/2024
C0TD6	P4943-03	BG063522.D	11/22/2024
C0TD7	P4943-04	BG063523.D	11/22/2024
C0TE1	P4943-05	BG063524.D	11/22/2024
C0TF9	P4943-06	BG063525.D	11/22/2024
C0TG0	P4943-07	BG063526.D	11/22/2024
MDL-SOIL-QT4-2024-08	P4776-04	BG063516.D	11/22/2024
PB165173BS	PB165173BS	BG063531.D	11/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK199

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG112224

SAS No.: BG112224 SDG NO.: BG112224

Lab File ID: BG063529.D

Lab Sample ID: PB165199BL

Instrument ID: BNA_G

Date Extracted: 11/22/2024

Matrix: (soil/water) Water

Date Analyzed: 11/22/2024

Level: (low/med) LOW

Time Analyzed: 20:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165199BS	PB165199BS	BG063530.D	11/22/2024
E1PH7	P4965-01	BG063527.D	11/22/2024
E1PH8	P4965-02	BG063528.D	11/22/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4881-01	C0TD4	BG063535.D	1,4-Dioxane-d8	8	3.59	45		15	120
			Pyridine-d5	40	6.82	17	*	20	120
			Phenol-d5	40	19.35	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.56	46		10	150
			2-Chlorophenol-d4	40	18.00	45		15	120
			4-Methylphenol-d8	40	19.24	48		10	140
			Nitrobenzene-d5	40	17.55	44		10	135
			2-Nitrophenol-d4	40	18.15	45		10	120
			2,4-Dichlorophenol-d3	40	18.06	45		10	140
			4-Chloroaniline-d4	40	16.90	42		1	145
			Dimethylphthalate-d6	40	22.82	57		10	145
			Acenaphthylene-d8	40	20.93	52		15	120
			4-Nitrophenol-d4	40	19.19	48		10	150
			Fluorene-d10	40	23.14	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.27	46		10	130
			Anthracene-d10	40	23.90	60		10	150
			Pyrene-d10	40	24.85	62		10	130
			Benzo(a)pyrene-d12	40	23.78	59		10	140
P4881-02	C0TD5	BG063536.D	1,4-Dioxane-d8	8	3.35	42		15	120
			Pyridine-d5	40	8.75	22		20	120
			Phenol-d5	40	20.45	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.64	52		10	150
			2-Chlorophenol-d4	40	20.76	52		15	120
			4-Methylphenol-d8	40	21.44	54		10	140
			Nitrobenzene-d5	40	21.04	53		10	135
			2-Nitrophenol-d4	40	20.57	51		10	120
			2,4-Dichlorophenol-d3	40	19.28	48		10	140
			4-Chloroaniline-d4	40	20.12	50		1	145
			Dimethylphthalate-d6	40	24.35	61		10	145
			Acenaphthylene-d8	40	22.62	57		15	120
			4-Nitrophenol-d4	40	20.02	50		10	150
			Fluorene-d10	40	23.96	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.65	47		10	130
			Anthracene-d10	40	24.92	62		10	150
			Pyrene-d10	40	25.82	65		10	130
			Benzo(a)pyrene-d12	40	24.89	62		10	140
P4881-03	C0TD8	BG063537.D	1,4-Dioxane-d8	8	2.82	35		15	120
			Pyridine-d5	40	1.60	4	*	20	120
			Phenol-d5	40	17.16	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.40	44		10	150
			2-Chlorophenol-d4	40	17.12	43		15	120
			4-Methylphenol-d8	40	17.93	45		10	140
			Nitrobenzene-d5	40	17.35	43		10	135
			2-Nitrophenol-d4	40	17.79	44		10	120
			2,4-Dichlorophenol-d3	40	17.20	43		10	140
			4-Chloroaniline-d4	40	15.84	40		1	145
			Dimethylphthalate-d6	40	20.22	51		10	145
			Acenaphthylene-d8	40	19.68	49		15	120
			4-Nitrophenol-d4	40	16.93	42		10	150

Surrogate Summary

SW-846

SDG No.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4881-03	C0TD8	BG063537.D	Fluorene-d10	40	20.50	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.55	39		10	130
			Anthracene-d10	40	20.17	50		10	150
			Pyrene-d10	40	21.28	53		10	130
			Benzo(a)pyrene-d12	40	20.58	51		10	140
P4881-04	C0TF4	BG063538.D	1,4-Dioxane-d8	8	3.35	42		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	20.72	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.83	55		10	150
			2-Chlorophenol-d4	40	20.86	52		15	120
			4-Methylphenol-d8	40	21.06	53		10	140
			Nitrobenzene-d5	40	21.58	54		10	135
			2-Nitrophenol-d4	40	21.37	53		10	120
			2,4-Dichlorophenol-d3	40	20.25	51		10	140
			4-Chloroaniline-d4	40	9.72	24		1	145
			Dimethylphthalate-d6	40	22.65	57		10	145
			Acenaphthylene-d8	40	22.59	56		15	120
			4-Nitrophenol-d4	40	19.11	48		10	150
			Fluorene-d10	40	23.63	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.71	44		10	130
			Anthracene-d10	40	23.58	59		10	150
			Pyrene-d10	40	25.16	63		10	130
			Benzo(a)pyrene-d12	40	23.78	59		10	140
			1,4-Dioxane-d8	8	3.83	48		15	120
			Pyridine-d5	40	0.00	0	*	20	120
P4881-05	C0TF5	BG063539.D	Phenol-d5	40	22.17	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.18	53		10	150
			2-Chlorophenol-d4	40	21.15	53		15	120
			4-Methylphenol-d8	40	22.19	55		10	140
			Nitrobenzene-d5	40	21.46	54		10	135
			2-Nitrophenol-d4	40	22.29	56		10	120
			2,4-Dichlorophenol-d3	40	21.26	53		10	140
			4-Chloroaniline-d4	40	13.19	33		1	145
			Dimethylphthalate-d6	40	23.39	58		10	145
			Acenaphthylene-d8	40	23.88	60		15	120
			4-Nitrophenol-d4	40	21.85	55		10	150
			Fluorene-d10	40	24.21	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.41	46		10	130
			Anthracene-d10	40	23.04	58		10	150
			Pyrene-d10	40	23.63	59		10	130
			Benzo(a)pyrene-d12	40	22.67	57		10	140
			1,4-Dioxane-d8	8	3.51	44		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	21.14	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.94	50		10	150
P4881-06	C0TF6	BG063540.D	2-Chlorophenol-d4	40	21.14	53		15	120
			4-Methylphenol-d8	40	22.26	56		10	140
			Nitrobenzene-d5	40	20.55	51		10	135
			2-Nitrophenol-d4	40	20.36	51		10	120

Surrogate Summary

SW-846

SDG No.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4881-06	C0TF6	BG063540.D	2,4-Dichlorophenol-d3	40	20.79	52		10	140
			4-Chloroaniline-d4	40	17.47	44		1	145
			Dimethylphthalate-d6	40	22.86	57		10	145
			Acenaphthylene-d8	40	22.29	56		15	120
			4-Nitrophenol-d4	40	20.14	50		10	150
			Fluorene-d10	40	23.70	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.75	44		10	130
			Anthracene-d10	40	22.56	56		10	150
			Pyrene-d10	40	24.16	60		10	130
			Benzo(a)pyrene-d12	40	22.66	57		10	140
			1,4-Dioxane-d8	8	3.68	46		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	20.85	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.88	52		10	150
P4881-07	C0TF7	BG063541.D	2-Chlorophenol-d4	40	21.22	53		15	120
			4-Methylphenol-d8	40	21.49	54		10	140
			Nitrobenzene-d5	40	21.65	54		10	135
			2-Nitrophenol-d4	40	21.59	54		10	120
			2,4-Dichlorophenol-d3	40	21.36	53		10	140
			4-Chloroaniline-d4	40	14.94	37		1	145
			Dimethylphthalate-d6	40	23.02	58		10	145
			Acenaphthylene-d8	40	22.59	56		15	120
			4-Nitrophenol-d4	40	22.07	55		10	150
			Fluorene-d10	40	23.27	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.21	48		10	130
			Anthracene-d10	40	21.86	55		10	150
			Pyrene-d10	40	23.75	59		10	130
			Benzo(a)pyrene-d12	40	22.55	56		10	140
			1,4-Dioxane-d8	8	5.32	67		15	120
			Pyridine-d5	40	22.03	55		20	120
			Phenol-d5	40	25.97	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.89	67		10	150
PB165140BL	PB165140BL	BG063534.D	2-Chlorophenol-d4	40	26.55	66		15	120
			4-Methylphenol-d8	40	25.63	64		10	140
			Nitrobenzene-d5	40	25.63	64		10	135
			2-Nitrophenol-d4	40	25.27	63		10	120
			2,4-Dichlorophenol-d3	40	24.38	61		10	140
			4-Chloroaniline-d4	40	25.05	63		1	145
			Dimethylphthalate-d6	40	27.84	70		10	145
			Acenaphthylene-d8	40	26.90	67		15	120
			4-Nitrophenol-d4	40	23.29	58		10	150
			Fluorene-d10	40	28.01	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.00	55		10	130
			Anthracene-d10	40	27.12	68		10	150
			Pyrene-d10	40	27.89	70		10	130
			Benzo(a)pyrene-d12	40	27.62	69		10	140
			1,4-Dioxane-d8	8	5.25	66		15	120
			Pyridine-d5	40	23.38	58		20	120
			Phenol-d5	40	28.81	72		10	130
PB165140BS	PB165140BS	BG063542.D							

Surrogate Summary

SW-846

SDG No.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165140BS	PB165140BS	BG063542.D	Bis(2-Chloroethyl)ether-d8	40	27.78	69		10	150
			2-Chlorophenol-d4	40	30.35	76		15	120
			4-Methylphenol-d8	40	28.23	71		10	140
			Nitrobenzene-d5	40	28.43	71		10	135
			2-Nitrophenol-d4	40	29.17	73		10	120
			2,4-Dichlorophenol-d3	40	29.27	73		10	140
			4-Chloroaniline-d4	40	24.19	60		1	145
			Dimethylphthalate-d6	40	29.29	73		10	145
			Acenaphthylene-d8	40	28.66	72		15	120
			4-Nitrophenol-d4	40	29.58	74		10	150
			Fluorene-d10	40	29.25	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.86	75		10	130
			Anthracene-d10	40	28.44	71		10	150
			Pyrene-d10	40	29.39	73		10	130
			Benzo(a)pyrene-d12	40	29.54	74		10	140

Surrogate Summary

SW-846

SDG No.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4776-06	MDL-MED-SOIL-(BG063517.D		1,4-Dioxane-d8	8	3.16	39		15	120
			Pyridine-d5	40	9.95	25		20	120
			Phenol-d5	40	12.35	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.89	32		10	150
			2-Chlorophenol-d4	40	12.63	32		15	120
			4-Methylphenol-d8	40	11.86	30		10	140
			Nitrobenzene-d5	40	13.26	33		10	135
			2-Nitrophenol-d4	40	12.65	32		10	120
			2,4-Dichlorophenol-d3	40	13.40	33		10	140
			4-Chloroaniline-d4	40	12.92	32		1	145
			Dimethylphthalate-d6	40	13.70	34		10	145
			Acenaphthylene-d8	40	13.95	35		15	120
			4-Nitrophenol-d4	40	10.66	27		10	150
			Fluorene-d10	40	14.00	35		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.80	27		10	130
			Anthracene-d10	40	13.43	34		10	150
			Pyrene-d10	40	13.96	35		10	130
			Benzo(a)pyrene-d12	40	13.76	34		10	140
PB165149BL	PB165149BL	BG063513.D	1,4-Dioxane-d8	8	6.39	80		15	120
			Pyridine-d5	40	31.50	79		20	120
			Phenol-d5	40	35.62	89		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.66	92		10	150
			2-Chlorophenol-d4	40	36.23	91		15	120
			4-Methylphenol-d8	40	34.68	87		10	140
			Nitrobenzene-d5	40	35.71	89		10	135
			2-Nitrophenol-d4	40	35.75	89		10	120
			2,4-Dichlorophenol-d3	40	33.96	85		10	140
			4-Chloroaniline-d4	40	33.80	85		1	145
			Dimethylphthalate-d6	40	38.62	97		10	145
			Acenaphthylene-d8	40	37.32	93		15	120
			4-Nitrophenol-d4	40	31.27	78		10	150
			Fluorene-d10	40	37.62	94		20	140
			4,6-Dinitro-2-methylphenol-d2	40	30.80	77		10	130
			Anthracene-d10	40	38.31	96		10	150
			Pyrene-d10	40	39.40	99		10	130
			Benzo(a)pyrene-d12	40	38.87	97		10	140

Surrogate Summary

SW-846

SDG No.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4776-02	MDL-WATER-QT4BG063515.D		1,4-Dioxane-d8	8	3.50	44		15	120
			Pyridine-d5	40	11.24	28		20	120
			Phenol-d5	40	13.32	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.65	34		25	120
			2-Chlorophenol-d4	40	13.96	35		20	130
			4-Methylphenol-d8	40	12.96	32		25	125
			Nitrobenzene-d5	40	13.28	33		20	125
			2-Nitrophenol-d4	40	12.52	31		20	130
			2,4-Dichlorophenol-d3	40	12.06	30		20	120
			4-Chloroaniline-d4	40	12.88	32		1	146
			Dimethylphthalate-d6	40	13.65	34		25	130
			Acenaphthylene-d8	40	13.61	34		10	130
			4-Nitrophenol-d4	40	9.81	25		10	150
			Fluorene-d10	40	13.86	35		25	125
			4,6-Dinitro-2-methylphenol-d2	40	10.85	27		10	130
			Anthracene-d10	40	13.51	34		25	130
			Pyrene-d10	40	14.14	35		15	130
			Benzo(a)pyrene-d12	40	13.65	34		20	130
PB165168BL	PB165168BL	BG063512.D	Pyridine-d5	40	31.04	78		20	120
			1,4-Dioxane-d8	8	6.54	82		15	120
			Phenol-d5	40	32.32	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.27	86		25	120
			2-Chlorophenol-d4	40	33.89	85		20	130
			4-Methylphenol-d8	40	31.67	79		25	125
			Nitrobenzene-d5	40	33.16	83		20	125
			2-Nitrophenol-d4	40	33.19	83		20	130
			2,4-Dichlorophenol-d3	40	31.68	79		20	120
			4-Chloroaniline-d4	40	31.84	80		1	146
			Dimethylphthalate-d6	40	36.02	90		25	130
			Acenaphthylene-d8	40	34.71	87		10	130
			4-Nitrophenol-d4	40	29.81	75		10	150
			Fluorene-d10	40	36.35	91		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.40	71		10	130
			Anthracene-d10	40	36.25	91		25	130
			Pyrene-d10	40	36.42	91		15	130
			Benzo(a)pyrene-d12	40	35.67	89		20	130

Surrogate Summary

SW-846

SDG No.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4776-04	MDL-SOIL-QT4-2(BG063516.D		1,4-Dioxane-d8	8	3.15	39		15	120
			Pyridine-d5	40	10.88	27		20	120
			Phenol-d5	40	12.25	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.77	32		10	150
			2-Chlorophenol-d4	40	12.87	32		15	120
			4-Methylphenol-d8	40	12.60	32		10	140
			Nitrobenzene-d5	40	12.51	31		10	135
			2-Nitrophenol-d4	40	12.44	31		10	120
			2,4-Dichlorophenol-d3	40	12.37	31		10	140
			4-Chloroaniline-d4	40	12.91	32		1	145
			Dimethylphthalate-d6	40	14.14	35		10	145
			Acenaphthylene-d8	40	13.82	35		15	120
			4-Nitrophenol-d4	40	10.08	25		10	150
			Fluorene-d10	40	13.84	35		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.19	28		10	130
			Anthracene-d10	40	13.57	34		10	150
			Pyrene-d10	40	14.01	35		10	130
			Benzo(a)pyrene-d12	40	13.55	34		10	140
P4943-01	C0TD1	BG063520.D	1,4-Dioxane-d8	8	3.22	40		15	120
			Pyridine-d5	40	2.03	5	*	20	120
			Phenol-d5	40	20.48	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.01	53		10	150
			2-Chlorophenol-d4	40	20.58	51		15	120
			4-Methylphenol-d8	40	19.82	50		10	140
			Nitrobenzene-d5	40	19.37	48		10	135
			2-Nitrophenol-d4	40	17.76	44		10	120
			2,4-Dichlorophenol-d3	40	18.13	45		10	140
			4-Chloroaniline-d4	40	14.95	37		1	145
			Dimethylphthalate-d6	40	21.69	54		10	145
			Acenaphthylene-d8	40	21.43	54		15	120
			4-Nitrophenol-d4	40	14.13	35		10	150
			Fluorene-d10	40	22.27	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.49	36		10	130
			Anthracene-d10	40	22.57	56		10	150
			Pyrene-d10	40	23.69	59		10	130
			Benzo(a)pyrene-d12	40	22.71	57		10	140
P4943-02	C0TD2	BG063521.D	1,4-Dioxane-d8	8	2.44	31		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	18.07	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.57	46		10	150
			2-Chlorophenol-d4	40	18.44	46		15	120
			4-Methylphenol-d8	40	17.28	43		10	140
			Nitrobenzene-d5	40	18.42	46		10	135
			2-Nitrophenol-d4	40	18.15	45		10	120
			2,4-Dichlorophenol-d3	40	17.99	45		10	140
			4-Chloroaniline-d4	40	1.11	3		1	145
			Dimethylphthalate-d6	40	20.11	50		10	145
			Acenaphthylene-d8	40	21.14	53		15	120
			4-Nitrophenol-d4	40	13.25	33		10	150

Surrogate Summary

SW-846

SDG No.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4943-02	C0TD2	BG063521.D	Fluorene-d10	40	22.73	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.97	35		10	130
			Anthracene-d10	40	23.18	58		10	150
			Pyrene-d10	40	23.25	58		10	130
			Benzo(a)pyrene-d12	40	22.35	56		10	140
P4943-03	C0TD6	BG063522.D	1,4-Dioxane-d8	8	1.94	24		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	13.48	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.35	33		10	150
			2-Chlorophenol-d4	40	13.19	33		15	120
			4-Methylphenol-d8	40	13.97	35		10	140
			Nitrobenzene-d5	40	14.65	37		10	135
			2-Nitrophenol-d4	40	13.59	34		10	120
			2,4-Dichlorophenol-d3	40	14.06	35		10	140
			4-Chloroaniline-d4	40	7.08	18		1	145
			Dimethylphthalate-d6	40	16.87	42		10	145
			Acenaphthylene-d8	40	16.19	40		15	120
			4-Nitrophenol-d4	40	12.22	31		10	150
			Fluorene-d10	40	18.15	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.54	31		10	130
			Anthracene-d10	40	18.86	47		10	150
			Pyrene-d10	40	19.46	49		10	130
			Benzo(a)pyrene-d12	40	18.28	46		10	140
P4943-04	C0TD7	BG063523.D	1,4-Dioxane-d8	8	3.30	41		15	120
			Pyridine-d5	40	1.60	4	*	20	120
			Phenol-d5	40	20.76	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.66	54		10	150
			2-Chlorophenol-d4	40	21.49	54		15	120
			4-Methylphenol-d8	40	21.35	53		10	140
			Nitrobenzene-d5	40	22.08	55		10	135
			2-Nitrophenol-d4	40	21.45	54		10	120
			2,4-Dichlorophenol-d3	40	20.81	52		10	140
			4-Chloroaniline-d4	40	17.69	44		1	145
			Dimethylphthalate-d6	40	24.75	62		10	145
			Acenaphthylene-d8	40	23.98	60		15	120
			4-Nitrophenol-d4	40	18.21	46		10	150
			Fluorene-d10	40	25.22	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.09	45		10	130
			Anthracene-d10	40	25.39	63		10	150
			Pyrene-d10	40	27.62	69		10	130
			Benzo(a)pyrene-d12	40	25.59	64		10	140
P4943-05	C0TE1	BG063524.D	1,4-Dioxane-d8	8	3.26	41		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	21.39	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.65	54		10	150
			2-Chlorophenol-d4	40	20.54	51		15	120
			4-Methylphenol-d8	40	21.13	53		10	140
			Nitrobenzene-d5	40	21.10	53		10	135
			2-Nitrophenol-d4	40	21.23	53		10	120

Surrogate Summary

SW-846

SDG No.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4943-05	C0TE1	BG063524.D	2,4-Dichlorophenol-d3	40	20.67	52		10	140
			4-Chloroaniline-d4	40	11.96	30		1	145
			Dimethylphthalate-d6	40	24.45	61		10	145
			Acenaphthylene-d8	40	24.50	61		15	120
			4-Nitrophenol-d4	40	19.76	49		10	150
			Fluorene-d10	40	25.75	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.84	45		10	130
			Anthracene-d10	40	25.65	64		10	150
			Pyrene-d10	40	26.40	66		10	130
			Benzo(a)pyrene-d12	40	24.45	61		10	140
P4943-06	C0TF9	BG063525.D	1,4-Dioxane-d8	8	2.59	32		15	120
			Pyridine-d5	40	6.02	15	*	20	120
			Phenol-d5	40	14.11	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.30	36		10	150
			2-Chlorophenol-d4	40	14.82	37		15	120
			4-Methylphenol-d8	40	13.86	35		10	140
			Nitrobenzene-d5	40	14.91	37		10	135
			2-Nitrophenol-d4	40	15.59	39		10	120
			2,4-Dichlorophenol-d3	40	14.74	37		10	140
			4-Chloroaniline-d4	40	14.33	36		1	145
			Dimethylphthalate-d6	40	18.41	46		10	145
			Acenaphthylene-d8	40	17.64	44		15	120
			4-Nitrophenol-d4	40	14.07	35		10	150
			Fluorene-d10	40	18.50	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.27	33		10	130
			Anthracene-d10	40	19.10	48		10	150
			Pyrene-d10	40	19.49	49		10	130
			Benzo(a)pyrene-d12	40	19.34	48		10	140
P4943-07	C0TGO	BG063526.D	1,4-Dioxane-d8	8	5.56	69		15	120
			Pyridine-d5	40	4.03	10	*	20	120
			Phenol-d5	40	30.46	76		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.04	80		10	150
			2-Chlorophenol-d4	40	31.04	78		15	120
			4-Methylphenol-d8	40	31.00	77		10	140
			Nitrobenzene-d5	40	34.08	85		10	135
			2-Nitrophenol-d4	40	33.88	85		10	120
			2,4-Dichlorophenol-d3	40	32.16	80		10	140
			4-Chloroaniline-d4	40	31.98	80		1	145
			Dimethylphthalate-d6	40	36.71	92		10	145
			Acenaphthylene-d8	40	35.38	88		15	120
			4-Nitrophenol-d4	40	31.31	78		10	150
			Fluorene-d10	40	36.71	92		20	140
			4,6-Dinitro-2-methylphenol-d2	40	30.64	77		10	130
			Anthracene-d10	40	36.46	91		10	150
			Pyrene-d10	40	37.88	95		10	130
			Benzo(a)pyrene-d12	40	36.23	91		10	140
PB165173BL	PB165173BL	BG063519.D	Pyridine-d5	40	23.88	60		20	120
			1,4-Dioxane-d8	8	5.59	70		15	120
		BG063514.D	Pyridine-d5	40	30.09	75		20	120

Surrogate Summary

SW-846

SDG No.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165173BL	PB165173BL	BG063514.D	1,4-Dioxane-d8	8	6.48	81		15	120
		BG063533.D	1,4-Dioxane-d8	8	5.06	63		15	120
			Pyridine-d5	40	21.80	54		20	120
			Phenol-d5	40	25.20	63		10	130
		BG063514.D	Phenol-d5	40	35.17	88		10	130
		BG063519.D	Phenol-d5	40	26.01	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.74	64		10	150
		BG063514.D	Bis(2-Chloroethyl)ether-d8	40	36.35	91		10	150
		BG063533.D	Bis(2-Chloroethyl)ether-d8	40	25.40	63		10	150
			2-Chlorophenol-d4	40	24.97	62		15	120
		BG063514.D	2-Chlorophenol-d4	40	36.15	90		15	120
		BG063519.D	2-Chlorophenol-d4	40	27.13	68		15	120
			4-Methylphenol-d8	40	25.16	63		10	140
		BG063514.D	4-Methylphenol-d8	40	34.12	85		10	140
		BG063533.D	4-Methylphenol-d8	40	25.29	63		10	140
			Nitrobenzene-d5	40	25.35	63		10	135
		BG063514.D	Nitrobenzene-d5	40	36.81	92		10	135
		BG063519.D	Nitrobenzene-d5	40	25.35	63		10	135
			2-Nitrophenol-d4	40	24.69	62		10	120
		BG063514.D	2-Nitrophenol-d4	40	36.23	91		10	120
		BG063533.D	2-Nitrophenol-d4	40	25.66	64		10	120
			2,4-Dichlorophenol-d3	40	23.44	59		10	140
		BG063514.D	2,4-Dichlorophenol-d3	40	34.19	85		10	140
		BG063519.D	2,4-Dichlorophenol-d3	40	24.83	62		10	140
			4-Chloroaniline-d4	40	24.53	61		1	145
		BG063514.D	4-Chloroaniline-d4	40	34.36	86		1	145
		BG063533.D	4-Chloroaniline-d4	40	25.06	63		1	145
			Dimethylphthalate-d6	40	27.00	67		10	145
		BG063514.D	Dimethylphthalate-d6	40	38.72	97		10	145
		BG063519.D	Dimethylphthalate-d6	40	27.73	69		10	145
			Acenaphthylene-d8	40	26.08	65		15	120
		BG063514.D	Acenaphthylene-d8	40	36.95	92		15	120
		BG063533.D	Acenaphthylene-d8	40	25.45	64		15	120
			4-Nitrophenol-d4	40	21.18	53		10	150
		BG063514.D	4-Nitrophenol-d4	40	30.95	77		10	150
		BG063519.D	4-Nitrophenol-d4	40	20.45	51		10	150
			Fluorene-d10	40	27.62	69		20	140
		BG063514.D	Fluorene-d10	40	38.19	95		20	140
		BG063533.D	Fluorene-d10	40	27.10	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.93	52		10	130
		BG063514.D	4,6-Dinitro-2-methylphenol-d2	40	31.43	79		10	130
		BG063519.D	4,6-Dinitro-2-methylphenol-d2	40	19.53	49		10	130
			Anthracene-d10	40	27.09	68		10	150
		BG063514.D	Anthracene-d10	40	38.86	97		10	150
		BG063533.D	Anthracene-d10	40	27.10	68		10	150
			Pyrene-d10	40	27.66	69		10	130
		BG063514.D	Pyrene-d10	40	39.98	100		10	130
		BG063519.D	Pyrene-d10	40	26.91	67		10	130
			Benzo(a)pyrene-d12	40	27.71	69		10	140

Surrogate Summary

SW-846

SDG No.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165173BL	PB165173BL	BG063514.D	Benzo(a)pyrene-d12	40	38.21	96		10	140
		BG063533.D	Benzo(a)pyrene-d12	40	27.20	68		10	140
PB165173BS	PB165173BS	BG063531.D	1,4-Dioxane-d8	8	4.24	53		15	120
			Pyridine-d5	40	22.05	55		20	120
			Phenol-d5	40	27.56	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.15	65		10	150
			2-Chlorophenol-d4	40	27.39	68		15	120
			4-Methylphenol-d8	40	26.72	67		10	140
			Nitrobenzene-d5	40	26.24	66		10	135
			2-Nitrophenol-d4	40	25.46	64		10	120
			2,4-Dichlorophenol-d3	40	27.92	70		10	140
			4-Chloroaniline-d4	40	22.30	56		1	145
			Dimethylphthalate-d6	40	27.58	69		10	145
			Acenaphthylene-d8	40	26.74	67		15	120
			4-Nitrophenol-d4	40	25.82	65		10	150
			Fluorene-d10	40	27.22	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.25	68		10	130
			Anthracene-d10	40	26.82	67		10	150
			Pyrene-d10	40	27.56	69		10	130
			Benzo(a)pyrene-d12	40	27.09	68		10	140

Surrogate Summary

SW-846

SDG No.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4965-01	E1PH7	BG063527.D	Pyridine-d5	40	6.76	17	*	20	120
			1,4-Dioxane-d8	8	4.35	54		15	120
			Phenol-d5	40	12.99	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.12	80		25	120
			2-Chlorophenol-d4	40	31.13	78		20	130
			4-Methylphenol-d8	40	23.79	59		25	125
			Nitrobenzene-d5	40	34.51	86		20	125
			2-Nitrophenol-d4	40	34.63	87		20	130
			2,4-Dichlorophenol-d3	40	32.16	80		20	120
			4-Chloroaniline-d4	40	26.67	67		1	146
			Dimethylphthalate-d6	40	37.22	93		25	130
			Acenaphthylene-d8	40	34.80	87		10	130
			4-Nitrophenol-d4	40	7.82	20		10	150
			Fluorene-d10	40	36.76	92		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.40	86		10	130
			Anthracene-d10	40	39.24	98		25	130
			Pyrene-d10	40	40.89	102		15	130
			Benzo(a)pyrene-d12	40	39.25	98		20	130
P4965-02	E1PH8	BG063528.D	1,4-Dioxane-d8	8	4.17	52	*	15	120
			Pyridine-d5	40	5.75	14		20	120
			Phenol-d5	40	8.90	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.79	82		25	120
			2-Chlorophenol-d4	40	29.83	75		20	130
			4-Methylphenol-d8	40	21.27	53		25	125
			Nitrobenzene-d5	40	36.33	91		20	125
			2-Nitrophenol-d4	40	34.74	87		20	130
			2,4-Dichlorophenol-d3	40	32.81	82		20	120
			4-Chloroaniline-d4	40	17.31	43		1	146
			Dimethylphthalate-d6	40	38.05	95		25	130
			Acenaphthylene-d8	40	36.08	90		10	130
			4-Nitrophenol-d4	40	8.58	21		10	150
			Fluorene-d10	40	38.34	96		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.56	91		10	130
			Anthracene-d10	40	42.33	106		25	130
			Pyrene-d10	40	43.31	108		15	130
			Benzo(a)pyrene-d12	40	42.31	106		20	130
PB165199BL	PB165199BL	BG063529.D	1,4-Dioxane-d8	8	5.47	68		15	120
			Pyridine-d5	40	24.36	61		20	120
			Phenol-d5	40	29.06	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.61	72		25	120
			2-Chlorophenol-d4	40	29.14	73		20	130
			4-Methylphenol-d8	40	28.37	71		25	125
			Nitrobenzene-d5	40	29.82	75		20	125
			2-Nitrophenol-d4	40	30.49	76		20	130
			2,4-Dichlorophenol-d3	40	28.41	71		20	120
			4-Chloroaniline-d4	40	27.77	69		1	146
			Dimethylphthalate-d6	40	31.37	78		25	130
			Acenaphthylene-d8	40	31.18	78		10	130
			4-Nitrophenol-d4	40	26.77	67		10	150

Surrogate Summary

SW-846

SDG No.: BG112224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165199BL	PB165199BL	BG063529.D	Fluorene-d10	40	32.22	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.24	68		10	130
			Anthracene-d10	40	32.50	81		25	130
			Pyrene-d10	40	32.14	80		15	130
			Benzo(a)pyrene-d12	40	32.17	80		20	130
PB165199BS	PB165199BS	BG063530.D	1,4-Dioxane-d8	8	5.51	69		15	120
			Pyridine-d5	40	26.85	67		20	120
			Phenol-d5	40	32.33	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.63	79		25	120
			2-Chlorophenol-d4	40	32.81	82		20	130
			4-Methylphenol-d8	40	33.21	83		25	125
			Nitrobenzene-d5	40	34.27	86		20	125
			2-Nitrophenol-d4	40	33.90	85		20	130
			2,4-Dichlorophenol-d3	40	33.80	84		20	120
			4-Chloroaniline-d4	40	30.63	77		1	146
			Dimethylphthalate-d6	40	35.47	89		25	130
			Acenaphthylene-d8	40	34.27	86		10	130
			4-Nitrophenol-d4	40	33.93	85		10	150
			Fluorene-d10	40	34.95	87		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.22	91		10	130
			Anthracene-d10	40	34.32	86		25	130
			Pyrene-d10	40	35.58	89		15	130
			Benzo(a)pyrene-d12	40	34.19	85		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG112224

Lab Code: CHEM

SAS No.: BG112224 SDG NO.: BG112224

Lab File ID: BG063510.D

DFTPP Injection Date: 11/22/2024

Instrument ID: BNA_G

DFTPP Injection Time: 08:27

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.2
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	36.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	36.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.6
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	11.1
442	Greater than 50% of mass 198	70
443	15.0 - 24.0% of mass 442	14.2 (20.3) 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
SSTD020547	SSTDCCC020	BG063511.D	11/22/2024	09:05
SBLK168	PB165168BL	BG063512.D	11/22/2024	09:44
SBLK149	PB165149BL	BG063513.D	11/22/2024	10:22
SBLK173	PB165173BL	BG063514.D	11/22/2024	11:00
MDL-WATER-QT4-2024-08	P4776-02	BG063515.D	11/22/2024	11:47
MDL-SOIL-QT4-2024-08	P4776-04	BG063516.D	11/22/2024	12:25
MDL-MED-SOIL-QT4-2024-08	P4776-06	BG063517.D	11/22/2024	13:03
SSTD020548	SSTDCCC020	BG063518.D	11/22/2024	13:47
SBLK173	PB165173BL	BG063519.D	11/22/2024	14:26
C0TD1	P4943-01	BG063520.D	11/22/2024	15:13
C0TD2	P4943-02	BG063521.D	11/22/2024	15:51
C0TD6	P4943-03	BG063522.D	11/22/2024	16:29
C0TD7	P4943-04	BG063523.D	11/22/2024	17:07
C0TE1	P4943-05	BG063524.D	11/22/2024	17:45
C0TF9	P4943-06	BG063525.D	11/22/2024	18:23
C0TG0	P4943-07	BG063526.D	11/22/2024	19:00
E1PH7	P4965-01	BG063527.D	11/22/2024	19:38
E1PH8	P4965-02	BG063528.D	11/22/2024	20:16

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG112224

Lab Code: CHEM

SAS No.: BG112224 SDG NO.: BG112224

Lab File ID: BG063510.D

DFTPP Injection Date: 11/22/2024

Instrument ID: BNA_G

DFTPP Injection Time: 08:27

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.2
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	36.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	36.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	29.6
365	Greater than 1% of mass 198	5.1
441	Present, but less than mass 443	11.1
442	Greater than 50% of mass 198	70
443	15.0 - 24.0% of mass 442	14.2 (20.3) 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
SBLK199	PB165199BL	BG063529.D	11/22/2024	20:54
SLCS199	PB165199BS	BG063530.D	11/22/2024	21:32
SLCS173	PB165173BS	BG063531.D	11/22/2024	22:10
SSTD020549	SSTDCCC020	BG063532.D	11/22/2024	23:26
SBLK173	PB165173BL	BG063533.D	11/23/2024	00:04
SBLK140	PB165140BL	BG063534.D	11/23/2024	00:42
C0TD4	P4881-01	BG063535.D	11/23/2024	01:20
C0TD5	P4881-02	BG063536.D	11/23/2024	01:58
C0TD8	P4881-03	BG063537.D	11/23/2024	02:36
C0TF4	P4881-04	BG063538.D	11/23/2024	03:14
C0TF5	P4881-05	BG063539.D	11/23/2024	03:52
C0TF6	P4881-06	BG063540.D	11/23/2024	04:30
C0TF7	P4881-07	BG063541.D	11/23/2024	05:08
SLCS140	PB165140BS	BG063542.D	11/23/2024	05:46
SSTD020550	SSTDCCC020EC	BG063543.D	11/23/2024	07:02