

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG122624 SAS No.: BG122624 SDG No.: BG122624

Instrument ID: BNA_G Calibration Date/Time: 12/26/2024 : 13:07

Lab File ID: BG063832.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020583 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.604	0.695	0.010	15.0482	40.0
Benzaldehyde	1.130	1.244	0.010	10.1119	40.0
Pyridine	1.724	1.897	0.010	9.9864	40.0
Phenol	1.963	2.041	0.080	3.974	20.0
Bis(2-Chloroethyl)ether	1.502	1.572	0.100	4.6287	20.0
2-Chlorophenol	1.207	1.335	0.200	10.6297	20.0
2-Methylphenol	1.419	1.481	0.010	4.3997	20.0
2,2-oxybis(1-Chloropropane)	2.230	2.239	0.010	0.4261	40.0
Acetophenone	2.426	2.512	0.060	3.5576	20.0
4-Methylphenol	1.553	1.661	0.010	6.951	20.0
N-Nitroso-di-n-propylamine	1.447	1.441	0.050	-0.4543	30.0
Hexachloroethane	0.593	0.607	0.100	2.3616	20.0
Nitrobenzene	0.477	0.508	0.050	6.5229	25.0
Isophorone	0.901	0.975	0.050	8.2154	25.0
2-Nitrophenol	0.165	0.195	0.050	18.3553	25.0
2,4-Dimethylphenol	0.373	0.411	0.050	10.0801	25.0
Bis(2-Chloroethoxy)methane	0.487	0.537	0.050	10.1328	20.0
2,4-Dichlorophenol	0.308	0.342	0.060	11.0165	20.0
Naphthalene	1.000	1.122	0.200	12.2439	20.0
4-Chloroaniline	0.374	0.491	0.010	31.1025	40.0
Hexachlorobutadiene	0.250	0.242	0.040	-3.3572	30.0
Caprolactam	0.106	0.143	0.010	34.4766	40.0
4-Chloro-3-methylphenol	0.362	0.406	0.040	12.4303	25.0
1-Methylnaphthalene	0.732	0.826	0.100	12.7952	20.0
2-Methylnaphthalene	0.719	0.808	0.100	12.4766	20.0
Hexachlorocyclopentadiene	0.253	0.200	0.010	-21.051	40.0
2,4,6-Trichlorophenol	0.362	0.378	0.090	4.4459	25.0
2,4,5-Trichlorophenol	0.378	0.410	0.100	8.5911	25.0
1,1-Biphenyl	1.319	1.405	0.200	6.5342	20.0
2-Chloronaphthalene	1.059	1.110	0.300	4.7876	20.0
2-Nitroaniline	0.355	0.416	0.050	17.1467	40.0
Dimethylphthalate	1.364	1.561	0.300	14.4615	20.0
2,6-Dinitrotoluene	0.253	0.311	0.080	22.67	30.0
Acenaphthylene	1.663	1.852	0.400	11.3525	20.0
3-Nitroaniline	0.234	0.226	0.010	-3.3797	40.0
Acenaphthene	1.179	1.333	0.200	13.0784	20.0
2,4-Dinitrophenol	0.129	0.149	0.010	14.7874	40.0
4-Nitrophenol	0.200	0.251	0.010	25.5386	40.0
Dibenzofuran	1.662	1.919	0.300	15.4189	20.0

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Lab Code: CHEM Case No.: BG122624 SAS No.: BG122624 SDG No.: BG122624

Instrument ID: BNA_G Calibration Date/Time: 12/26/2024 : 13:07

Lab File ID: BG063832.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020583 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.376	0.494	0.070	31.3604	30.0
Diethylphthalate	1.319	1.528	0.300	15.8991	20.0
Fluorene	1.327	1.541	0.200	16.069	20.0
4-Chlorophenyl-phenylether	0.739	0.792	0.100	7.1448	20.0
4-Nitroaniline	0.234	0.198	0.010	-15.3402	40.0
4,6-Dinitro-2-methylphenol	0.107	0.120	0.010	11.9643	40.0
N-Nitrosodiphenylamine	0.484	0.535	0.050	10.529	20.0
1,2,4,5-Tetrachlorobenzene	0.640	0.596	0.100	-6.9146	20.0
4-Bromophenyl-phenylether	0.204	0.213	0.070	4.7012	20.0
Hexachlorobenzene	0.228	0.247	0.050	8.3106	25.0
Atrazine	0.205	0.229	0.010	11.8951	25.0
Pentachlorophenol	0.096	0.094	0.010	-2.743	40.0
Phenanthrene	0.964	1.145	0.200	18.8176	20.0
Pentachlorobenzene	0.264	0.267	0.050	1.0503	20.0
Anthracene	0.975	1.155	0.200	18.4264	20.0
1,2,3,4-Tetrachlorobenzene	0.267	0.246	0.050	-7.813	20.0
Carbazole	0.790	1.034	0.050	30.9194	40.0
Di-n-butylphthalate	0.954	1.204	0.500	26.3027	25.0
Fluoranthene	1.183	1.320	0.400	11.5647	25.0
Pyrene	1.259	1.430	0.400	13.6575	25.0
Butylbenzylphthalate	0.386	0.488	0.100	26.3029	40.0
3,3-Dichlorobenzidine	0.361	0.335	0.010	-7.2626	40.0
Benzo (a) anthracene	1.253	1.386	0.300	10.5768	30.0
Chrysene	1.195	1.347	0.200	12.7887	30.0
Bis (2-ethylhexyl) phthalate	0.562	0.703	0.200	25.0451	40.0
Di-n-octyl phthalate	0.863	1.146	0.010	32.751	40.0
Benzo (b) fluoranthene	1.137	1.261	0.200	10.9177	25.0
Benzo (k) fluoranthene	1.134	1.286	0.200	13.3917	25.0
Benzo (a) pyrene	1.067	1.181	0.200	10.6859	20.0
Indeno (1,2,3-cd) pyrene	1.303	1.480	0.200	13.5666	25.0
Dibenzo (a,h) anthracene	1.043	1.205	0.200	15.6045	30.0
Benzo (g,h,i) perylene	1.034	1.153	0.200	11.4803	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.350	0.040	7.3907	20.0
1,4-Dioxane-d8	0.510	0.630	0.010	23.404	25.0
Pyridine-d5	1.610	1.732	0.010	7.5866	40.0
Phenol-d5	1.842	1.987	0.010	7.8816	25.0
Bis- (2-Chloroethyl) ether-d8	1.272	1.316	0.050	3.4793	25.0
2-Chlorophenol-d4	1.193	1.277	0.200	7.0817	20.0
4-Methylphenol-d8	1.430	1.471	0.010	2.8408	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG122624 SAS No.: BG122624 SDG No.: BG122624

Instrument ID: BNA_G Calibration Date/Time: 12/26/2024 : 13:07

Lab File ID: BG063832.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020583 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.166	0.050	16.0659	20.0
2-Nitrophenol-d4	0.160	0.183	0.050	14.3734	30.0
2,4-Dichlorophenol-d3	0.310	0.352	0.060	13.5661	20.0
4-Chloroaniline-d4	0.394	0.506	0.010	28.5792	40.0
Dimethylphthalate-d6	1.361	1.522	0.300	11.8484	20.0
Acenaphthylene-d8	1.551	1.722	0.400	10.9895	20.0
4-Nitrophenol-d4	0.193	0.241	0.010	25.1229	40.0
Fluorene-d10	1.203	1.360	0.100	13.0502	20.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.114	0.010	9.3521	40.0
Anthracene-d10	0.860	1.012	0.300	17.7256	20.0
Pyrene-d10	1.041	1.122	0.300	7.8072	25.0
Benzo(a)pyrene-d12	0.939	1.063	0.010	13.2306	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.: BG122624 SAS No.: BG122624 SDG No.: BG122624

Instrument ID: BNA_G Calibration Date/Time: 12/26/2024 : 22:02

Lab File ID: BG063845.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020584 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.604	0.667	0.010	10.4375	40.0
Benzaldehyde	1.130	1.101	0.010	-2.531	40.0
Pyridine	1.724	1.867	0.010	8.2501	40.0
Phenol	1.963	1.846	0.080	-5.9408	20.0
Bis(2-Chloroethyl)ether	1.502	1.417	0.100	-5.6327	20.0
2-Chlorophenol	1.207	1.203	0.200	-0.367	20.0
2-Methylphenol	1.419	1.367	0.010	-3.6378	20.0
2,2-oxybis(1-Chloropropane)	2.230	2.083	0.010	-6.6004	40.0
Acetophenone	2.426	2.338	0.060	-3.611	20.0
4-Methylphenol	1.553	1.562	0.010	0.5897	20.0
N-Nitroso-di-n-propylamine	1.447	1.325	0.050	-8.48	30.0
Hexachloroethane	0.593	0.534	0.100	-9.9166	20.0
Nitrobenzene	0.477	0.493	0.050	3.4607	25.0
Isophorone	0.901	0.904	0.050	0.3464	25.0
2-Nitrophenol	0.165	0.184	0.050	12.0625	25.0
2,4-Dimethylphenol	0.373	0.392	0.050	4.9199	25.0
Bis(2-Chloroethoxy)methane	0.487	0.505	0.050	3.7034	20.0
2,4-Dichlorophenol	0.308	0.327	0.060	6.2898	20.0
Naphthalene	1.000	1.059	0.200	5.9419	20.0
4-Chloroaniline	0.374	0.446	0.010	19.1905	40.0
Hexachlorobutadiene	0.250	0.234	0.040	-6.3079	30.0
Caprolactam	0.106	0.124	0.010	16.4582	40.0
4-Chloro-3-methylphenol	0.362	0.397	0.040	9.8894	25.0
1-Methylnaphthalene	0.732	0.781	0.100	6.7248	20.0
2-Methylnaphthalene	0.719	0.754	0.100	4.915	20.0
Hexachlorocyclopentadiene	0.253	0.198	0.010	-21.7763	40.0
2,4,6-Trichlorophenol	0.362	0.367	0.090	1.4961	25.0
2,4,5-Trichlorophenol	0.378	0.389	0.100	3.1211	25.0
1,1-Biphenyl	1.319	1.372	0.200	4.0543	20.0
2-Chloronaphthalene	1.059	1.109	0.300	4.6701	20.0
2-Nitroaniline	0.355	0.391	0.050	10.1949	40.0
Dimethylphthalate	1.364	1.416	0.300	3.8226	20.0
2,6-Dinitrotoluene	0.253	0.287	0.080	13.4648	30.0
Acenaphthylene	1.663	1.774	0.400	6.6429	20.0
3-Nitroaniline	0.234	0.205	0.010	-12.2815	40.0
Acenaphthene	1.179	1.262	0.200	7.0353	20.0
2,4-Dinitrophenol	0.129	0.108	0.010	-16.9052	40.0
4-Nitrophenol	0.200	0.208	0.010	3.7326	40.0
Dibenzofuran	1.662	1.804	0.300	8.5533	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG122624 SAS No.: BG122624 SDG No.: BG122624

Instrument ID: BNA_G Calibration Date/Time: 12/26/2024 : 22:02

Lab File ID: BG063845.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020584 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.376	0.434	0.070	15.3405	30.0
Diethylphthalate	1.319	1.422	0.300	7.8414	20.0
Fluorene	1.327	1.475	0.200	11.1375	20.0
4-Chlorophenyl-phenylether	0.739	0.767	0.100	3.6608	20.0
4-Nitroaniline	0.234	0.174	0.010	-25.6339	40.0
4,6-Dinitro-2-methylphenol	0.107	0.106	0.010	-1.0864	40.0
N-Nitrosodiphenylamine	0.484	0.518	0.050	6.9252	20.0
1,2,4,5-Tetrachlorobenzene	0.640	0.610	0.100	-4.7994	20.0
4-Bromophenyl-phenylether	0.204	0.206	0.070	1.0942	20.0
Hexachlorobenzene	0.228	0.234	0.050	2.5173	25.0
Atrazine	0.205	0.218	0.010	6.3774	25.0
Pentachlorophenol	0.096	0.068	0.010	-29.3971	40.0
Phenanthrene	0.964	1.079	0.200	11.9051	20.0
Pentachlorobenzene	0.264	0.263	0.050	-0.3583	20.0
Anthracene	0.975	1.096	0.200	12.3099	20.0
1,2,3,4-Tetrachlorobenzene	0.267	0.248	0.050	-7.1382	20.0
Carbazole	0.790	0.962	0.050	21.7937	40.0
Di-n-butylphthalate	0.954	1.078	0.500	13.0479	25.0
Fluoranthene	1.183	1.259	0.400	6.4702	25.0
Pyrene	1.259	1.343	0.400	6.6887	25.0
Butylbenzylphthalate	0.386	0.446	0.100	15.3296	40.0
3,3-Dichlorobenzidine	0.361	0.331	0.010	-8.3836	40.0
Benzo (a) anthracene	1.253	1.287	0.300	2.6887	30.0
Chrysene	1.195	1.219	0.200	2.0152	30.0
Bis (2-ethylhexyl) phthalate	0.562	0.645	0.200	14.8451	40.0
Di-n-octyl phthalate	0.863	1.062	0.010	22.9948	40.0
Benzo (b) fluoranthene	1.137	1.223	0.200	7.5652	25.0
Benzo (k) fluoranthene	1.134	1.196	0.200	5.4712	25.0
Benzo (a) pyrene	1.067	1.110	0.200	4.0798	20.0
Indeno (1,2,3-cd) pyrene	1.303	1.415	0.200	8.621	25.0
Dibenzo (a,h) anthracene	1.043	1.139	0.200	9.2309	30.0
Benzo (g,h,i) perylene	1.034	1.087	0.200	5.1174	30.0
2,3,4,6-Tetrachlorophenol	0.326	0.328	0.040	0.774	20.0
1,4-Dioxane-d8	0.510	0.578	0.010	13.181	25.0
Pyridine-d5	1.610	1.663	0.010	3.2908	40.0
Phenol-d5	1.842	1.809	0.010	-1.8167	25.0
Bis- (2-Chloroethyl) ether-d8	1.272	1.132	0.050	-11.0523	25.0
2-Chlorophenol-d4	1.193	1.163	0.200	-2.4451	20.0
4-Methylphenol-d8	1.430	1.358	0.010	-5.0253	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG122624 SAS No.: BG122624 SDG No.: BG122624
 Instrument ID: BNA_G Calibration Date/Time: 12/26/2024 : 22:02
 Lab File ID: BG063845.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020584 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.159	0.050	11.3761	20.0
2-Nitrophenol-d4	0.160	0.181	0.050	12.9947	30.0
2,4-Dichlorophenol-d3	0.310	0.336	0.060	8.4329	20.0
4-Chloroaniline-d4	0.394	0.467	0.010	18.7181	40.0
Dimethylphthalate-d6	1.361	1.427	0.300	4.8585	20.0
Acenaphthylene-d8	1.551	1.664	0.400	7.2742	20.0
4-Nitrophenol-d4	0.193	0.200	0.010	3.5988	40.0
Fluorene-d10	1.203	1.282	0.100	6.5556	20.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.102	0.010	-1.3981	40.0
Anthracene-d10	0.860	0.951	0.300	10.6294	20.0
Pyrene-d10	1.041	1.077	0.300	3.515	25.0
Benzo(a)pyrene-d12	0.939	0.997	0.010	6.1313	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SBLK796	SDG No.:	BG122624
Lab Sample ID:	PB165796BL	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
BG063833.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

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:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SBLK796	SDG No.:	BG122624
Lab Sample ID:	PB165796BL	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
BG063833.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

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:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SBLK796	SDG No.:	BG122624
Lab Sample ID:	PB165796BL	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
BG063833.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

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	6.284		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	30.846		20-120		77	SPK: -40
4165-62-2	Phenol-d5	27.028		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.383		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.702		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	24.972		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	25.922		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.749		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.614		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.006		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.493		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	25.629		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.616		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	27.131		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SBLK796	SDG No.:	BG122624
Lab Sample ID:	PB165796BL	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
BG063833.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.238		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	27.032		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	24.984		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.756		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63194	7.792				
1146-65-2	Naphthalene-d8	269762	10.583				
15067-26-2	Acenaphthene-d10	222255	14.437				
1517-22-2	Phenanthrene-d10	632230	17.193				
1719-03-5	Chrysene-d12	726709	21.441				
1520-96-3	Perylene-d12	764189	24.455				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2911	SDG No.:	BG122624
Lab Sample ID:	P5333-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BG063834.D	1	12/20/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.3	83	ug/Kg
100-52-7	Benzaldehyde	73	U	73	100	410	ug/Kg
110-86-1	Pyridine	96	U	96	210	410	ug/Kg
108-95-2	Phenol	51	J	38	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.1	210	ug/Kg
95-48-7	2-Methylphenol	39	U	39	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	100	410	ug/Kg
98-86-2	Acetophenone	83	U	83	100	410	ug/Kg
106-44-5	4-Methylphenol	66	U	66	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	99	U	99	53.1	210	ug/Kg
67-72-1	Hexachloroethane	76	U	76	53.1	210	ug/Kg
98-95-3	Nitrobenzene	80	U	80	53.1	210	ug/Kg
78-59-1	Isophorone	83	U	83	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	75	U	75	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	53.1	210	ug/Kg
91-20-3	Naphthalene	30	U	30	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	53.1	210	ug/Kg
105-60-2	Caprolactam	80	U	80	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	53.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2911	SDG No.:	BG122624
Lab Sample ID:	P5333-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BG063834.D	1	12/20/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53.1	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	83	U	83	100	410	ug/Kg
83-32-9	Acenaphthene	33	U	33	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	34	U	34	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53.1	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	53.1	210	ug/Kg
86-73-7	Fluorene	34	U	34	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.1	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53.1	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	75	J	34	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	53.1	210	ug/Kg
120-12-7	Anthracene	31	U	31	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	53.1	210	ug/Kg
86-74-8	Carbazole	43	U	43	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	53.1	210	ug/Kg
206-44-0	Fluoranthene	110	J	24	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2911	SDG No.:	BG122624
Lab Sample ID:	P5333-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BG063834.D	1	12/20/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	95	J	23	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	50	J	29	53.1	210	ug/Kg
218-01-9	Chrysene	49	J	30	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	61	J	46	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	49	J	39	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	J	40	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.922		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	24.561		20-120		61	SPK: -40
4165-62-2	Phenol-d5	24.889		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.883		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.1		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	24.477		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	24.286		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.163		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.719		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.213		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.127		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	21.574		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.817		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	19.553		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2911	SDG No.:	BG122624
Lab Sample ID:	P5333-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BG063834.D	1	12/20/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.648		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	19.433		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	16.157		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.8		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69154	7.794				
1146-65-2	Naphthalene-d8	320327	10.584				
15067-26-2	Acenaphthene-d10	264239	14.439				
1517-22-2	Phenanthrene-d10	614715	17.188				
1719-03-5	Chrysene-d12	610610	21.442				
1520-96-3	Perylene-d12	648024	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	440	J			15.802	
000057-10-3	n-Hexadecanoic acid	240	J			18.093	
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2913DL	SDG No.:	BG122624
Lab Sample ID:	P5333-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
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
BG063835.D	10	12/20/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	330	U	330	81.3	820	ug/Kg
100-52-7	Benzaldehyde	710	U	710	1000	4100	ug/Kg
110-86-1	Pyridine	950	U	950	2000	4100	ug/Kg
108-95-2	Phenol	370	U	370	1000	4100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	360	U	360	1000	4100	ug/Kg
95-57-8	2-Chlorophenol	340	U	340	520	2100	ug/Kg
95-48-7	2-Methylphenol	380	U	380	1000	4100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	490	U	490	1000	4100	ug/Kg
98-86-2	Acetophenone	810	U	810	1000	4100	ug/Kg
106-44-5	4-Methylphenol	650	U	650	1000	4100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	970	U	970	520	2100	ug/Kg
67-72-1	Hexachloroethane	750	U	750	520	2100	ug/Kg
98-95-3	Nitrobenzene	790	U	790	520	2100	ug/Kg
78-59-1	Isophorone	810	U	810	520	2100	ug/Kg
88-75-5	2-Nitrophenol	740	U	740	520	2100	ug/Kg
105-67-9	2,4-Dimethylphenol	390	U	390	520	2100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	550	U	550	520	2100	ug/Kg
120-83-2	2,4-Dichlorophenol	470	U	470	520	2100	ug/Kg
91-20-3	Naphthalene	1000	JD	300	520	2100	ug/Kg
106-47-8	4-Chloroaniline	440	U	440	520	4100	ug/Kg
87-68-3	Hexachlorobutadiene	430	U	430	520	2100	ug/Kg
105-60-2	Caprolactam	790	U	790	1000	4100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	510	U	510	520	2100	ug/Kg
90-12-0	1-Methylnaphthalene	470	JD	300	520	2100	ug/Kg
91-57-6	2-Methylnaphthalene	630	JD	390	520	2100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1200	U	1200	1000	4100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	300	U	300	520	2100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	410	U	410	520	2100	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2913DL	SDG No.:	BG122624
Lab Sample ID:	P5333-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
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
BG063835.D	10	12/20/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	320	U	320	520	2100	ug/Kg
91-58-7	2-Chloronaphthalene	410	U	410	520	2100	ug/Kg
88-74-4	2-Nitroaniline	550	U	550	520	2100	ug/Kg
131-11-3	Dimethylphthalate	370	U	370	520	2100	ug/Kg
606-20-2	2,6-Dinitrotoluene	250	U	250	520	2100	ug/Kg
208-96-8	Acenaphthylene	360	U	360	520	2100	ug/Kg
99-09-2	3-Nitroaniline	810	U	810	1000	4100	ug/Kg
83-32-9	Acenaphthene	2300	D	320	520	2100	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	1600	1000	4100	ug/Kg
100-02-7	4-Nitrophenol	540	U	540	1000	4100	ug/Kg
132-64-9	Dibenzofuran	1900	JD	330	520	2100	ug/Kg
121-14-2	2,4-Dinitrotoluene	430	U	430	520	2100	ug/Kg
84-66-2	Diethylphthalate	410	U	410	520	2100	ug/Kg
86-73-7	Fluorene	1800	JD	330	520	2100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	250	U	250	520	2100	ug/Kg
100-01-6	4-Nitroaniline	300	U	300	1000	4100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	470	U	470	1000	4100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	300	U	300	520	2100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	420	U	420	520	2100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	320	U	320	520	2100	ug/Kg
118-74-1	Hexachlorobenzene	340	U	340	520	2100	ug/Kg
1912-24-9	Atrazine	340	U	340	1000	4100	ug/Kg
87-86-5	Pentachlorophenol	1100	U	1100	1000	4100	ug/Kg
85-01-8	Phenanthrene	20000	D	330	520	2100	ug/Kg
608-93-5	Pentachlorobenzene	460	U	460	520	2100	ug/Kg
120-12-7	Anthracene	3400	D	310	520	2100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	210	U	210	520	2100	ug/Kg
86-74-8	Carbazole	2500	JD	420	1000	4100	ug/Kg
84-74-2	Di-n-butylphthalate	330	U	330	520	2100	ug/Kg
206-44-0	Fluoranthene	17000	D	230	1000	2100	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2913DL	SDG No.:	BG122624
Lab Sample ID:	P5333-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
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
BG063835.D	10	12/20/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	13000	D	220	520	2100	ug/Kg
85-68-7	Butylbenzylphthalate	270	U	270	520	2100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	640	U	640	1000	4100	ug/Kg
56-55-3	Benzo(a)anthracene	6300	D	280	520	2100	ug/Kg
218-01-9	Chrysene	6300	D	300	520	2100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	520	2100	ug/Kg
117-84-0	Di-n-octyl phthalate	590	U	590	1000	4100	ug/Kg
205-99-2	Benzo(b)fluoranthene	7400	D	460	520	2100	ug/Kg
207-08-9	Benzo(k)fluoranthene	2400	D	470	520	2100	ug/Kg
50-32-8	Benzo(a)pyrene	4800	D	380	520	2100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2600	D	340	520	2100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	930	JD	320	520	2100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3000	D	390	520	2100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	440	U	440	520	2100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	3.4	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	33.1		10-130		83	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.41		10-150		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.36		15-120		83	SPK: -40
190780-66-6	4-Methylphenol-d8	31.09		10-140		78	SPK: -40
4165-60-0	Nitrobenzene-d5	31.44		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.53		10-120		94	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.27		10-140		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.06		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.79		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	36.38		15-120		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	36.14		20-140		90	SPK: -40

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2913DL	SDG No.:	BG122624
Lab Sample ID:	P5333-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
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
BG063835.D	10	12/20/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	38.64		10-150		97	SPK: -40
1718-52-1	Pyrene-d10	30.54		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.83		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73820	7.794				
1146-65-2	Naphthalene-d8	317429	10.585				
15067-26-2	Acenaphthene-d10	262792	14.439				
1517-22-2	Phenanthrene-d10	663269	17.195				
1719-03-5	Chrysene-d12	692813	21.442				
1520-96-3	Perylene-d12	729566	24.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-68-3	3-Octanone	1400	JD			6.466	
000620-14-4	Benzene, 1-ethyl-3-methyl-	3500	JD			6.889	
000526-73-8	Benzene, 1,2,3-trimethyl-	6700	JD			7.447	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	1400	JD			8.434	
000486-25-9	9H-Fluoren-9-one	1400	JD			16.848	
000132-65-0	Dibenzothiophene	1100	JD			17.012	
000613-12-7	Anthracene, 2-methyl-	1200	JD			18.07	
000832-69-9	Phenanthrene, 1-methyl-	1600	JD			18.117	
000203-64-5	4H-Cyclopenta[def]phenanthrene	2100	JD			18.264	
000612-94-2	Naphthalene, 2-phenyl-	920	JD			18.569	
000084-65-1	9,10-Anthracenedione	1500	JD			18.616	
E966796	Total Alkanes	320	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1	SDG No.:	BG122624
Lab Sample ID:	P5331-01	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
BG063836.D	1	12/19/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165751

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	41	J	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:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1	SDG No.:	BG122624
Lab Sample ID:	P5331-01	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
BG063836.D	1	12/19/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165751

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:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1	SDG No.:	BG122624
Lab Sample ID:	P5331-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
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
BG063836.D	1	12/19/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165751

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	5.033		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	24.961		20-120		62	SPK: -40
4165-62-2	Phenol-d5	29.002		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.991		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.075		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	28.224		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	30.901		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.208		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.536		10-140		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.104		1-145		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.031		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	31.252		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.148		10-150		83	SPK: -40
81103-79-9	Fluorene-d10	33.196		20-140		83	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1	SDG No.:	BG122624
Lab Sample ID:	P5331-01	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
BG063836.D	1	12/19/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.904		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	33.993		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	31.244		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.687		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68676	7.799				
1146-65-2	Naphthalene-d8	286922	10.584				
15067-26-2	Acenaphthene-d10	240206	14.438				
1517-22-2	Phenanthrene-d10	602292	17.194				
1719-03-5	Chrysene-d12	628827	21.442				
1520-96-3	Perylene-d12	668303	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	720	J			15.802	
000057-10-3	n-Hexadecanoic acid	110	J			18.093	
005333-42-6	1-Dodecanol, 2-octyl-	130	J			21.107	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MS	SDG No.:	BG122624
Lab Sample ID:	P5331-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063837.D	1	12/19/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	540		30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	210	J	65	92.7	370	ug/Kg
110-86-1	Pyridine	1400		86	190	370	ug/Kg
108-95-2	Phenol	1500		34	92.7	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300		33	92.7	370	ug/Kg
95-57-8	2-Chlorophenol	1400		31	47.7	190	ug/Kg
95-48-7	2-Methylphenol	1400		35	92.7	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		45	92.7	370	ug/Kg
98-86-2	Acetophenone	1400		74	92.7	370	ug/Kg
106-44-5	4-Methylphenol	1500		60	92.7	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		89	47.7	190	ug/Kg
67-72-1	Hexachloroethane	1300		69	47.7	190	ug/Kg
98-95-3	Nitrobenzene	1400		72	47.7	190	ug/Kg
78-59-1	Isophorone	1500		74	47.7	190	ug/Kg
88-75-5	2-Nitrophenol	1600		67	47.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1600		36	47.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500		51	47.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		43	47.7	190	ug/Kg
91-20-3	Naphthalene	1500		27	47.7	190	ug/Kg
106-47-8	4-Chloroaniline	960		40	47.7	370	ug/Kg
87-68-3	Hexachlorobutadiene	1300		39	47.7	190	ug/Kg
105-60-2	Caprolactam	1800		72	92.7	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		46	47.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	1500		27	47.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	1500		36	47.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	610		110	92.7	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		27	47.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		37	47.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MS	SDG No.:	BG122624
Lab Sample ID:	P5331-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063837.D	1	12/19/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400		29	47.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	1400		37	47.7	190	ug/Kg
88-74-4	2-Nitroaniline	1600		51	47.7	190	ug/Kg
131-11-3	Dimethylphthalate	1500		34	47.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		22	47.7	190	ug/Kg
208-96-8	Acenaphthylene	1500		33	47.7	190	ug/Kg
99-09-2	3-Nitroaniline	1800		74	92.7	370	ug/Kg
83-32-9	Acenaphthene	1500		29	47.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		150	92.7	370	ug/Kg
100-02-7	4-Nitrophenol	1500		49	92.7	370	ug/Kg
132-64-9	Dibenzofuran	1500		30	47.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		39	47.7	190	ug/Kg
84-66-2	Diethylphthalate	1500		37	47.7	190	ug/Kg
86-73-7	Fluorene	1500		30	47.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		22	47.7	190	ug/Kg
100-01-6	4-Nitroaniline	2000		27	92.7	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		43	92.7	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600		27	47.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		38	47.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		29	47.7	190	ug/Kg
118-74-1	Hexachlorobenzene	1500		31	47.7	190	ug/Kg
1912-24-9	Atrazine	1500		31	92.7	370	ug/Kg
87-86-5	Pentachlorophenol	1300		99	92.7	370	ug/Kg
85-01-8	Phenanthrene	1600		30	47.7	190	ug/Kg
608-93-5	Pentachlorobenzene	1400		42	47.7	190	ug/Kg
120-12-7	Anthracene	1600		28	47.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300		19	47.7	190	ug/Kg
86-74-8	Carbazole	1800		38	92.7	370	ug/Kg
84-74-2	Di-n-butylphthalate	1700		30	47.7	190	ug/Kg
206-44-0	Fluoranthene	1500		21	92.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MS	SDG No.:	BG122624
Lab Sample ID:	P5331-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063837.D	1	12/19/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		20	47.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	1700		25	47.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		58	92.7	370	ug/Kg
56-55-3	Benzo(a)anthracene	1500		26	47.7	190	ug/Kg
218-01-9	Chrysene	1500		27	47.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		28	47.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		54	92.7	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		42	47.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		43	47.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	1600		35	47.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		31	47.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		29	47.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		36	47.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		40	47.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.164		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	24.712		20-120		62	SPK: -40
4165-62-2	Phenol-d5	28.778		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.273		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.877		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	28.1		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	31.037		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.568		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.038		10-140		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.588		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.082		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	30.042		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.994		10-150		90	SPK: -40
81103-79-9	Fluorene-d10	31.188		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MS	SDG No.:	BG122624
Lab Sample ID:	P5331-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063837.D	1	12/19/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.966		10-130		77	SPK: -40
1719-06-8	Anthracene-d10	32.256		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	29.47		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.664		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75625	7.8				
1146-65-2	Naphthalene-d8	314172	10.585				
15067-26-2	Acenaphthene-d10	262811	14.439				
1517-22-2	Phenanthrene-d10	624970	17.195				
1719-03-5	Chrysene-d12	647053	21.442				
1520-96-3	Perylene-d12	673395	24.457				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MSD	SDG No.:	BG122624
Lab Sample ID:	P5331-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063838.D	1	12/19/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	640		30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	210	J	65	92.5	370	ug/Kg
110-86-1	Pyridine	1600		86	180	370	ug/Kg
108-95-2	Phenol	1600		34	92.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		32	92.5	370	ug/Kg
95-57-8	2-Chlorophenol	1600		31	47.6	190	ug/Kg
95-48-7	2-Methylphenol	1600		35	92.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		45	92.5	370	ug/Kg
98-86-2	Acetophenone	1500		74	92.5	370	ug/Kg
106-44-5	4-Methylphenol	1700		59	92.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1500		89	47.6	190	ug/Kg
67-72-1	Hexachloroethane	1400		68	47.6	190	ug/Kg
98-95-3	Nitrobenzene	1700		72	47.6	190	ug/Kg
78-59-1	Isophorone	1600		74	47.6	190	ug/Kg
88-75-5	2-Nitrophenol	1800		67	47.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		36	47.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1600		50	47.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		43	47.6	190	ug/Kg
91-20-3	Naphthalene	1600		27	47.6	190	ug/Kg
106-47-8	4-Chloroaniline	1100		40	47.6	370	ug/Kg
87-68-3	Hexachlorobutadiene	1400		39	47.6	190	ug/Kg
105-60-2	Caprolactam	1900		72	92.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		46	47.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	1700		27	47.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	1700		36	47.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	740		110	92.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		27	47.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		37	47.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MSD	SDG No.:	BG122624
Lab Sample ID:	P5331-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063838.D	1	12/19/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1600		29	47.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	1600		37	47.6	190	ug/Kg
88-74-4	2-Nitroaniline	1900		50	47.6	190	ug/Kg
131-11-3	Dimethylphthalate	1700		34	47.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		22	47.6	190	ug/Kg
208-96-8	Acenaphthylene	1700		32	47.6	190	ug/Kg
99-09-2	3-Nitroaniline	2000		74	92.5	370	ug/Kg
83-32-9	Acenaphthene	1700		29	47.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	1800		150	92.5	370	ug/Kg
100-02-7	4-Nitrophenol	1700		49	92.5	370	ug/Kg
132-64-9	Dibenzofuran	1800		30	47.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		39	47.6	190	ug/Kg
84-66-2	Diethylphthalate	1700		37	47.6	190	ug/Kg
86-73-7	Fluorene	1800		30	47.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		22	47.6	190	ug/Kg
100-01-6	4-Nitroaniline	2300		27	92.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		43	92.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1700		27	47.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		38	47.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		29	47.6	190	ug/Kg
118-74-1	Hexachlorobenzene	1600		31	47.6	190	ug/Kg
1912-24-9	Atrazine	1700		31	92.5	370	ug/Kg
87-86-5	Pentachlorophenol	1500		99	92.5	370	ug/Kg
85-01-8	Phenanthrene	1800		30	47.6	190	ug/Kg
608-93-5	Pentachlorobenzene	1600		41	47.6	190	ug/Kg
120-12-7	Anthracene	1800		28	47.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1400		19	47.6	190	ug/Kg
86-74-8	Carbazole	1900		38	92.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	1800		30	47.6	190	ug/Kg
206-44-0	Fluoranthene	1700		21	92.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MSD	SDG No.:	BG122624
Lab Sample ID:	P5331-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063838.D	1	12/19/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1700		20	47.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	2000		25	47.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		58	92.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	1700		26	47.6	190	ug/Kg
218-01-9	Chrysene	1700		27	47.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		28	47.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2100		54	92.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		41	47.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		43	47.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	1700		35	47.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		31	47.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		29	47.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1800		36	47.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		40	47.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.078		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	28.896		20-120		72	SPK: -40
4165-62-2	Phenol-d5	31.974		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.075		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.432		15-120		79	SPK: -40
190780-66-6	4-Methylphenol-d8	32.31		10-140		81	SPK: -40
4165-60-0	Nitrobenzene-d5	34.525		10-135		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.201		10-120		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.637		10-140		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.454		1-145		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.627		10-145		89	SPK: -40
93951-97-4	Acenaphthylene-d8	33.971		15-120		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	41.589		10-150		104	SPK: -40
81103-79-9	Fluorene-d10	36.149		20-140		90	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MSD	SDG No.:	BG122624
Lab Sample ID:	P5331-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063838.D	1	12/19/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.204		10-130		86	SPK: -40
1719-06-8	Anthracene-d10	35.816		10-150		90	SPK: -40
1718-52-1	Pyrene-d10	33.267		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.688		10-140		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70917	7.794				
1146-65-2	Naphthalene-d8	293158	10.584				
15067-26-2	Acenaphthene-d10	233884	14.439				
1517-22-2	Phenanthrene-d10	574757	17.194				
1719-03-5	Chrysene-d12	577534	21.442				
1520-96-3	Perylene-d12	617721	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X5	SDG No.:	BG122624
Lab Sample ID:	P5324-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
Sample Wt/Vol:	30.1	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
BG063839.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.3	84	ug/Kg
100-52-7	Benzaldehyde	73	U	73	100	420	ug/Kg
110-86-1	Pyridine	97	U	97	210	420	ug/Kg
108-95-2	Phenol	38	U	38	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	100	420	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.6	210	ug/Kg
95-48-7	2-Methylphenol	39	U	39	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	100	420	ug/Kg
98-86-2	Acetophenone	83	U	83	100	420	ug/Kg
106-44-5	4-Methylphenol	67	U	67	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	53.6	210	ug/Kg
67-72-1	Hexachloroethane	77	U	77	53.6	210	ug/Kg
98-95-3	Nitrobenzene	81	U	81	53.6	210	ug/Kg
78-59-1	Isophorone	83	U	83	53.6	210	ug/Kg
88-75-5	2-Nitrophenol	76	U	76	53.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	53.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	53.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	53.6	210	ug/Kg
91-20-3	Naphthalene	30	U	30	53.6	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	53.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	53.6	210	ug/Kg
105-60-2	Caprolactam	81	U	81	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	53.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	53.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	53.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	53.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	53.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X5	SDG No.:	BG122624
Lab Sample ID:	P5324-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
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
BG063839.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	53.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	53.6	210	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	53.6	210	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	53.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53.6	210	ug/Kg
208-96-8	Acenaphthylene	37	U	37	53.6	210	ug/Kg
99-09-2	3-Nitroaniline	83	U	83	100	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	53.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	100	420	ug/Kg
132-64-9	Dibenzofuran	34	U	34	53.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53.6	210	ug/Kg
84-66-2	Diethylphthalate	42	U	42	53.6	210	ug/Kg
86-73-7	Fluorene	34	U	34	53.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.6	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	53.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	53.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	53.6	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53.6	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	34	U	34	53.6	210	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	53.6	210	ug/Kg
120-12-7	Anthracene	32	U	32	53.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	53.6	210	ug/Kg
86-74-8	Carbazole	43	U	43	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	53.6	210	ug/Kg
206-44-0	Fluoranthene	24	U	24	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X5	SDG No.:	BG122624
Lab Sample ID:	P5324-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
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
BG063839.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	23	U	23	53.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	53.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	53.6	210	ug/Kg
218-01-9	Chrysene	30	U	30	53.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	53.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	47	53.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	53.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	53.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	53.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	53.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	53.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.511		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	22.878		20-120		57	SPK: -40
4165-62-2	Phenol-d5	27.606		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.354		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.263		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	26.083		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	31.532		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.078		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.535		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.939		1-145		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.615		10-145		84	SPK: -40
93951-97-4	Acenaphthylene-d8	32.867		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.23		10-150		83	SPK: -40
81103-79-9	Fluorene-d10	35.932		20-140		90	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X5	SDG No.:	BG122624
Lab Sample ID:	P5324-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21
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
BG063839.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.972		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	35.927		10-150		90	SPK: -40
1718-52-1	Pyrene-d10	34.004		10-130		85	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.37		10-140		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83151	7.794				
1146-65-2	Naphthalene-d8	342077	10.585				
15067-26-2	Acenaphthene-d10	272239	14.439				
1517-22-2	Phenanthrene-d10	705515	17.195				
1719-03-5	Chrysene-d12	751708	21.443				
1520-96-3	Perylene-d12	789627	24.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	380	J			15.803	
1000282-98-2	Dichloroacetic acid, heptadecyl es	130	J			21.102	
E966796	Total Alkanes	33	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X7	SDG No.:	BG122624
Lab Sample ID:	P5324-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063840.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.1	81	ug/Kg
100-52-7	Benzaldehyde	71	U	71	100	400	ug/Kg
110-86-1	Pyridine	94	U	94	200	400	ug/Kg
108-95-2	Phenol	37	U	37	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.9	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	400	ug/Kg
98-86-2	Acetophenone	81	U	81	100	400	ug/Kg
106-44-5	4-Methylphenol	65	U	65	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	96	U	96	51.9	210	ug/Kg
67-72-1	Hexachloroethane	74	U	74	51.9	210	ug/Kg
98-95-3	Nitrobenzene	78	U	78	51.9	210	ug/Kg
78-59-1	Isophorone	81	U	81	51.9	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	51.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	51.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.9	210	ug/Kg
91-20-3	Naphthalene	29	U	29	51.9	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	51.9	400	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	51.9	210	ug/Kg
105-60-2	Caprolactam	78	U	78	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	51.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	51.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.9	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X7	SDG No.:	BG122624
Lab Sample ID:	P5324-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063840.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	51.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.9	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	51.9	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	51.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.9	210	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51.9	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	400	ug/Kg
83-32-9	Acenaphthene	32	U	32	51.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	51.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	51.9	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.9	210	ug/Kg
86-73-7	Fluorene	33	U	33	51.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.9	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	51.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	51.9	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.9	210	ug/Kg
1912-24-9	Atrazine	34	U	34	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	33	U	33	51.9	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.9	210	ug/Kg
120-12-7	Anthracene	31	U	31	51.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.9	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.9	210	ug/Kg
206-44-0	Fluoranthene	23	U	23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X7	SDG No.:	BG122624
Lab Sample ID:	P5324-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
Sample Wt/Vol:	30	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
BG063840.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	51.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	51.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	51.9	210	ug/Kg
218-01-9	Chrysene	29	U	29	51.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	51.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	51.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	51.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	51.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	51.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	51.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.682		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	6.471	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	11.159		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.338		10-150		28	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.635		15-120		29	SPK: -40
190780-66-6	4-Methylphenol-d8	10.733		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	12.764		10-135		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.93		10-120		32	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.251		10-140		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.792		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.515		10-145		34	SPK: -40
93951-97-4	Acenaphthylene-d8	13.774		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.334		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	14.908		20-140		37	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X7	SDG No.:	BG122624
Lab Sample ID:	P5324-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063840.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.459		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	14.813		10-150		37	SPK: -40
1718-52-1	Pyrene-d10	13.761		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.695		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86834	7.794				
1146-65-2	Naphthalene-d8	346449	10.585				
15067-26-2	Acenaphthene-d10	268693	14.439				
1517-22-2	Phenanthrene-d10	704497	17.189				
1719-03-5	Chrysene-d12	764289	21.443				
1520-96-3	Perylene-d12	825786	24.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	140	J			15.802	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5Y1	SDG No.:	BG122624
Lab Sample ID:	P5324-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
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
BG063841.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.2	83	ug/Kg
100-52-7	Benzaldehyde	72	U	72	100	410	ug/Kg
110-86-1	Pyridine	96	U	96	210	410	ug/Kg
108-95-2	Phenol	37	U	37	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53	210	ug/Kg
95-48-7	2-Methylphenol	39	U	39	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	100	410	ug/Kg
98-86-2	Acetophenone	82	U	82	100	410	ug/Kg
106-44-5	4-Methylphenol	66	U	66	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	99	U	99	53	210	ug/Kg
67-72-1	Hexachloroethane	76	U	76	53	210	ug/Kg
98-95-3	Nitrobenzene	80	U	80	53	210	ug/Kg
78-59-1	Isophorone	82	U	82	53	210	ug/Kg
88-75-5	2-Nitrophenol	75	U	75	53	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	53	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	53	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	53	210	ug/Kg
91-20-3	Naphthalene	30	U	30	53	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	53	410	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	53	210	ug/Kg
105-60-2	Caprolactam	80	U	80	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	53	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	53	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	53	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	53	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	53	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5Y1	SDG No.:	BG122624
Lab Sample ID:	P5324-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
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
BG063841.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	53	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	53	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	53	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	53	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	53	210	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	53	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	34	U	34	53	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	53	210	ug/Kg
86-73-7	Fluorene	34	U	34	53	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	53	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	53	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	53	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	34	U	34	53	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	53	210	ug/Kg
120-12-7	Anthracene	31	U	31	53	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	53	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	53	210	ug/Kg
206-44-0	Fluoranthene	24	U	24	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5Y1	SDG No.:	BG122624
Lab Sample ID:	P5324-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
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
BG063841.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	53	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	53	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	53	210	ug/Kg
218-01-9	Chrysene	30	U	30	53	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	53	210	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	U	46	53	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	53	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	53	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	53	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	53	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	53	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	53	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.835		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	24.679		20-120		62	SPK: -40
4165-62-2	Phenol-d5	26.208		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.119		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.018		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	25.613		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	30.196		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.376		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.755		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.945		1-145		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.027		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	32.154		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.173		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	33.477		20-140		84	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5Y1	SDG No.:	BG122624
Lab Sample ID:	P5324-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
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
BG063841.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.076		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	34.857		10-150		87	SPK: -40
1718-52-1	Pyrene-d10	32.77		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.14		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89056	7.8				
1146-65-2	Naphthalene-d8	364024	10.585				
15067-26-2	Acenaphthene-d10	282085	14.439				
1517-22-2	Phenanthrene-d10	692673	17.189				
1719-03-5	Chrysene-d12	713790	21.443				
1520-96-3	Perylene-d12	772812	24.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	370	J			15.797	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X6	SDG No.:	BG122624
Lab Sample ID:	P5324-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
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
BG063842.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.1	82	ug/Kg
100-52-7	Benzaldehyde	71	U	71	100	410	ug/Kg
110-86-1	Pyridine	95	U	95	200	410	ug/Kg
108-95-2	Phenol	37	U	37	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	410	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	52.2	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	410	ug/Kg
98-86-2	Acetophenone	81	U	81	100	410	ug/Kg
106-44-5	4-Methylphenol	65	U	65	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	97	U	97	52.2	210	ug/Kg
67-72-1	Hexachloroethane	75	U	75	52.2	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.2	210	ug/Kg
78-59-1	Isophorone	81	U	81	52.2	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	52.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	52.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.2	210	ug/Kg
91-20-3	Naphthalene	29	U	29	52.2	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	52.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.2	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	52.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	52.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	52.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	52.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	52.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X6	SDG No.:	BG122624
Lab Sample ID:	P5324-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
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
BG063842.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.2	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	52.2	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.2	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.2	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	52.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	33	U	33	52.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.2	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.2	210	ug/Kg
86-73-7	Fluorene	33	U	33	52.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.2	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	52.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.2	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	52.2	210	ug/Kg
1912-24-9	Atrazine	34	U	34	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	33	U	33	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	52.2	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.2	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.2	210	ug/Kg
206-44-0	Fluoranthene	23	U	23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X6	SDG No.:	BG122624
Lab Sample ID:	P5324-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
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
BG063842.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	52.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	52.2	210	ug/Kg
218-01-9	Chrysene	29	U	29	52.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	52.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	52.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	52.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.45		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	21.512		20-120		54	SPK: -40
4165-62-2	Phenol-d5	24.447		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.177		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.539		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	23.728		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	23.162		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.034		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.575		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.03		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.687		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	23.87		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.612		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	27.863		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X6	SDG No.:	BG122624
Lab Sample ID:	P5324-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
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
BG063842.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.457		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	32.352		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	26.304		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.318		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79068	7.795				
1146-65-2	Naphthalene-d8	329794	10.586				
15067-26-2	Acenaphthene-d10	269352	14.44				
1517-22-2	Phenanthrene-d10	682420	17.19				
1719-03-5	Chrysene-d12	750381	21.444				
1520-96-3	Perylene-d12	795484	24.458				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	330	J			15.798	
000557-61-9	Octacosanol	82	J			21.103	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X6MS	SDG No.:	BG122624
Lab Sample ID:	P5324-05MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.06	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
BG063843.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	510		33	8.1	82	ug/Kg
100-52-7	Benzaldehyde	430		71	100	410	ug/Kg
110-86-1	Pyridine	1300		95	200	410	ug/Kg
108-95-2	Phenol	1400		37	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		36	100	410	ug/Kg
95-57-8	2-Chlorophenol	1300		34	52.2	210	ug/Kg
95-48-7	2-Methylphenol	1400		38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		49	100	410	ug/Kg
98-86-2	Acetophenone	1300		81	100	410	ug/Kg
106-44-5	4-Methylphenol	1300		65	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1200		97	52.2	210	ug/Kg
67-72-1	Hexachloroethane	1200		75	52.2	210	ug/Kg
98-95-3	Nitrobenzene	1300		79	52.2	210	ug/Kg
78-59-1	Isophorone	1300		81	52.2	210	ug/Kg
88-75-5	2-Nitrophenol	1400		74	52.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		39	52.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300		55	52.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		47	52.2	210	ug/Kg
91-20-3	Naphthalene	1300		29	52.2	210	ug/Kg
106-47-8	4-Chloroaniline	890		44	52.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	1200		43	52.2	210	ug/Kg
105-60-2	Caprolactam	1500		79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		50	52.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	1300		29	52.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	1400		39	52.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	600		120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		29	52.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		41	52.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X6MS	SDG No.:	BG122624
Lab Sample ID:	P5324-05MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.06	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
BG063843.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1300		32	52.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	1400		41	52.2	210	ug/Kg
88-74-4	2-Nitroaniline	1600		55	52.2	210	ug/Kg
131-11-3	Dimethylphthalate	1400		37	52.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		25	52.2	210	ug/Kg
208-96-8	Acenaphthylene	1400		36	52.2	210	ug/Kg
99-09-2	3-Nitroaniline	1700		81	100	410	ug/Kg
83-32-9	Acenaphthene	1400		32	52.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		160	100	410	ug/Kg
100-02-7	4-Nitrophenol	1300		54	100	410	ug/Kg
132-64-9	Dibenzofuran	1400		33	52.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		43	52.2	210	ug/Kg
84-66-2	Diethylphthalate	1400		41	52.2	210	ug/Kg
86-73-7	Fluorene	1400		33	52.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		25	52.2	210	ug/Kg
100-01-6	4-Nitroaniline	1800		29	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1400		47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1400		29	52.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		42	52.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		32	52.2	210	ug/Kg
118-74-1	Hexachlorobenzene	1400		34	52.2	210	ug/Kg
1912-24-9	Atrazine	1400		34	100	410	ug/Kg
87-86-5	Pentachlorophenol	1100		110	100	410	ug/Kg
85-01-8	Phenanthrene	1500		33	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	1300		45	52.2	210	ug/Kg
120-12-7	Anthracene	1500		31	52.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		21	52.2	210	ug/Kg
86-74-8	Carbazole	1600		42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1500		33	52.2	210	ug/Kg
206-44-0	Fluoranthene	1400		23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X6MS	SDG No.:	BG122624
Lab Sample ID:	P5324-05MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063843.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		22	52.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	1500		27	52.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		64	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1400		28	52.2	210	ug/Kg
218-01-9	Chrysene	1400		29	52.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		31	52.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		59	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		45	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		47	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	1400		38	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		34	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		32	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		39	52.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		44	52.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.832		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	21.753		20-120		54	SPK: -40
4165-62-2	Phenol-d5	27.38		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.376		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.004		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	25.42		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	24.051		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.9		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.524		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.295		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.597		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	24.695		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.973		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	28.219		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X6MS	SDG No.:	BG122624
Lab Sample ID:	P5324-05MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063843.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.553		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	31.066		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	26.079		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.999		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90682	7.8				
1146-65-2	Naphthalene-d8	384445	10.585				
15067-26-2	Acenaphthene-d10	300890	14.439				
1517-22-2	Phenanthrene-d10	739675	17.189				
1719-03-5	Chrysene-d12	767258	21.443				
1520-96-3	Perylene-d12	815567	24.457				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X6MSD	SDG No.:	BG122624
Lab Sample ID:	P5324-06MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063844.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	500		33	8.1	82	ug/Kg
100-52-7	Benzaldehyde	440		71	100	410	ug/Kg
110-86-1	Pyridine	1300		95	200	410	ug/Kg
108-95-2	Phenol	1300		37	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		36	100	410	ug/Kg
95-57-8	2-Chlorophenol	1300		34	52.3	210	ug/Kg
95-48-7	2-Methylphenol	1300		38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		49	100	410	ug/Kg
98-86-2	Acetophenone	1300		81	100	410	ug/Kg
106-44-5	4-Methylphenol	1400		65	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1200		97	52.3	210	ug/Kg
67-72-1	Hexachloroethane	1200		75	52.3	210	ug/Kg
98-95-3	Nitrobenzene	1200		79	52.3	210	ug/Kg
78-59-1	Isophorone	1300		81	52.3	210	ug/Kg
88-75-5	2-Nitrophenol	1400		74	52.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		39	52.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300		55	52.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		47	52.3	210	ug/Kg
91-20-3	Naphthalene	1300		30	52.3	210	ug/Kg
106-47-8	4-Chloroaniline	850		44	52.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	1100		43	52.3	210	ug/Kg
105-60-2	Caprolactam	1600		79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		50	52.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	1300		30	52.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	1300		39	52.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	570		120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		30	52.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		41	52.3	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X6MSD	SDG No.:	BG122624
Lab Sample ID:	P5324-06MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063844.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1300		32	52.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	1200		41	52.3	210	ug/Kg
88-74-4	2-Nitroaniline	1500		55	52.3	210	ug/Kg
131-11-3	Dimethylphthalate	1400		37	52.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		25	52.3	210	ug/Kg
208-96-8	Acenaphthylene	1300		36	52.3	210	ug/Kg
99-09-2	3-Nitroaniline	1600		81	100	410	ug/Kg
83-32-9	Acenaphthene	1300		32	52.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		160	100	410	ug/Kg
100-02-7	4-Nitrophenol	1300		54	100	410	ug/Kg
132-64-9	Dibenzofuran	1400		33	52.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		43	52.3	210	ug/Kg
84-66-2	Diethylphthalate	1400		41	52.3	210	ug/Kg
86-73-7	Fluorene	1400		33	52.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		25	52.3	210	ug/Kg
100-01-6	4-Nitroaniline	1800		30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1400		30	52.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		42	52.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		32	52.3	210	ug/Kg
118-74-1	Hexachlorobenzene	1300		34	52.3	210	ug/Kg
1912-24-9	Atrazine	1400		34	100	410	ug/Kg
87-86-5	Pentachlorophenol	1100		110	100	410	ug/Kg
85-01-8	Phenanthrene	1400		33	52.3	210	ug/Kg
608-93-5	Pentachlorobenzene	1300		46	52.3	210	ug/Kg
120-12-7	Anthracene	1500		31	52.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		21	52.3	210	ug/Kg
86-74-8	Carbazole	1600		42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1500		33	52.3	210	ug/Kg
206-44-0	Fluoranthene	1400		23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X6MSD	SDG No.:	BG122624
Lab Sample ID:	P5324-06MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.04	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
BG063844.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		22	52.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	1500		27	52.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		64	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1300		28	52.3	210	ug/Kg
218-01-9	Chrysene	1300		30	52.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		31	52.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		59	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		46	52.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		47	52.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	1400		38	52.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		34	52.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		32	52.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		39	52.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		44	52.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.466		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	21.039		20-120		53	SPK: -40
4165-62-2	Phenol-d5	26.685		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.391		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.179		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	25.12		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	23.765		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.005		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.549		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.842		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.424		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	23.162		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.997		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	27.066		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X6MSD	SDG No.:	BG122624
Lab Sample ID:	P5324-06MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063844.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.535		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	31.055		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	26.007		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.024		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88327	7.8				
1146-65-2	Naphthalene-d8	382146	10.585				
15067-26-2	Acenaphthene-d10	311186	14.439				
1517-22-2	Phenanthrene-d10	749700	17.195				
1719-03-5	Chrysene-d12	782487	21.443				
1520-96-3	Perylene-d12	825859	24.463				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SBLK796	SDG No.:	BG122624
Lab Sample ID:	PB165796BL	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
BG063846.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

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:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SBLK796	SDG No.:	BG122624
Lab Sample ID:	PB165796BL	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
BG063846.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

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:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SBLK796	SDG No.:	BG122624
Lab Sample ID:	PB165796BL	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
BG063846.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

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	5.524		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	27.337		20-120		68	SPK: -40
4165-62-2	Phenol-d5	23.436		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.983		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.718		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	23.086		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	25.923		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.125		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.68		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.5		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.384		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.593		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.453		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	26.529		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SBLK796	SDG No.:	BG122624
Lab Sample ID:	PB165796BL	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
BG063846.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.401		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	27.061		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	24.703		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.429		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91825	7.795				
1146-65-2	Naphthalene-d8	349895	10.586				
15067-26-2	Acenaphthene-d10	269716	14.44				
1517-22-2	Phenanthrene-d10	715918	17.19				
1719-03-5	Chrysene-d12	801164	21.443				
1520-96-3	Perylene-d12	842856	24.458				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG122624
Lab Sample ID:	P5369-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063847.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	81	U	81	19.8	200	ug/Kg
100-52-7	Benzaldehyde	170	U	170	250	990	ug/Kg
110-86-1	Pyridine	230	U	230	500	990	ug/Kg
108-95-2	Phenol	90	U	90	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	87	U	87	250	990	ug/Kg
95-57-8	2-Chlorophenol	84	U	84	130	510	ug/Kg
95-48-7	2-Methylphenol	93	U	93	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	250	990	ug/Kg
98-86-2	Acetophenone	200	U	200	250	990	ug/Kg
106-44-5	4-Methylphenol	160	U	160	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	240	U	240	130	510	ug/Kg
67-72-1	Hexachloroethane	180	U	180	130	510	ug/Kg
98-95-3	Nitrobenzene	190	U	190	130	510	ug/Kg
78-59-1	Isophorone	200	U	200	130	510	ug/Kg
88-75-5	2-Nitrophenol	180	U	180	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	96	U	96	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	U	140	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	130	510	ug/Kg
91-20-3	Naphthalene	72	U	72	130	510	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	130	510	ug/Kg
105-60-2	Caprolactam	190	U	190	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	72	U	72	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	96	U	96	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	72	U	72	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99	U	99	130	510	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG122624
Lab Sample ID:	P5369-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063847.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	78	U	78	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	99	U	99	130	510	ug/Kg
88-74-4	2-Nitroaniline	140	U	140	130	510	ug/Kg
131-11-3	Dimethylphthalate	90	U	90	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	60	130	510	ug/Kg
208-96-8	Acenaphthylene	87	U	87	130	510	ug/Kg
99-09-2	3-Nitroaniline	200	U	200	250	990	ug/Kg
83-32-9	Acenaphthene	78	U	78	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	390	U	390	250	990	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	250	990	ug/Kg
132-64-9	Dibenzofuran	81	U	81	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	130	510	ug/Kg
84-66-2	Diethylphthalate	99	U	99	130	510	ug/Kg
86-73-7	Fluorene	81	U	81	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	130	510	ug/Kg
100-01-6	4-Nitroaniline	72	U	72	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	72	U	72	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78	U	78	130	510	ug/Kg
118-74-1	Hexachlorobenzene	84	U	84	130	510	ug/Kg
1912-24-9	Atrazine	84	U	84	250	990	ug/Kg
87-86-5	Pentachlorophenol	260	U	260	250	990	ug/Kg
85-01-8	Phenanthrene	81	U	81	130	510	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	130	510	ug/Kg
120-12-7	Anthracene	75	U	75	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	51	U	51	130	510	ug/Kg
86-74-8	Carbazole	100	U	100	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	81	U	81	130	510	ug/Kg
206-44-0	Fluoranthene	57	U	57	250	510	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG122624
Lab Sample ID:	P5369-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063847.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	66	U	66	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	69	U	69	130	510	ug/Kg
218-01-9	Chrysene	72	U	72	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	75	U	75	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84	U	84	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	78	U	78	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96	U	96	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	SPK: -40

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SVOC-GPC2-BLANK	SDG No.:	BG122624
Lab Sample ID:	P5369-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063847.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165822

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86844	7.796				
1146-65-2	Naphthalene-d8	337696	10.587				
15067-26-2	Acenaphthene-d10	267806	14.436				
1517-22-2	Phenanthrene-d10	697595	17.191				
1719-03-5	Chrysene-d12	743341	21.445				
1520-96-3	Perylene-d12	785943	24.465				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	78	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X8	SDG No.:	BG122624
Lab Sample ID:	P5324-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063848.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.3	84	ug/Kg
100-52-7	Benzaldehyde	73	U	73	100	420	ug/Kg
110-86-1	Pyridine	97	U	97	210	420	ug/Kg
108-95-2	Phenol	38	U	38	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	100	420	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.6	210	ug/Kg
95-48-7	2-Methylphenol	39	U	39	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	100	420	ug/Kg
98-86-2	Acetophenone	83	U	83	100	420	ug/Kg
106-44-5	4-Methylphenol	67	U	67	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	53.6	210	ug/Kg
67-72-1	Hexachloroethane	77	U	77	53.6	210	ug/Kg
98-95-3	Nitrobenzene	81	U	81	53.6	210	ug/Kg
78-59-1	Isophorone	83	U	83	53.6	210	ug/Kg
88-75-5	2-Nitrophenol	76	U	76	53.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	53.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	53.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	53.6	210	ug/Kg
91-20-3	Naphthalene	30	U	30	53.6	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	53.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	53.6	210	ug/Kg
105-60-2	Caprolactam	81	U	81	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	53.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	53.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	53.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	53.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	53.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X8	SDG No.:	BG122624
Lab Sample ID:	P5324-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063848.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	53.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	53.6	210	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	53.6	210	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	53.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53.6	210	ug/Kg
208-96-8	Acenaphthylene	37	U	37	53.6	210	ug/Kg
99-09-2	3-Nitroaniline	83	U	83	100	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	53.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	420	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	420	ug/Kg
132-64-9	Dibenzofuran	34	U	34	53.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53.6	210	ug/Kg
84-66-2	Diethylphthalate	42	U	42	53.6	210	ug/Kg
86-73-7	Fluorene	34	U	34	53.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.6	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	53.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	53.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	53.6	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53.6	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	34	U	34	53.6	210	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	53.6	210	ug/Kg
120-12-7	Anthracene	32	U	32	53.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	53.6	210	ug/Kg
86-74-8	Carbazole	43	U	43	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	53.6	210	ug/Kg
206-44-0	Fluoranthene	24	U	24	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X8	SDG No.:	BG122624
Lab Sample ID:	P5324-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063848.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	23	U	23	53.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	53.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	53.6	210	ug/Kg
218-01-9	Chrysene	30	U	30	53.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	53.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	47	53.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	53.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	53.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	53.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	53.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	53.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.821		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	16.428		20-120		41	SPK: -40
4165-62-2	Phenol-d5	20.802		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.451		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.466		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	21.346		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	18.406		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.538		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.686		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.543		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.062		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	19.668		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.924		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	21.925		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X8	SDG No.:	BG122624
Lab Sample ID:	P5324-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063848.D	1	12/23/2024 12:00:00 AM	12/26/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.788		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	29.44		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	21.218		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.828		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92033	7.795				
1146-65-2	Naphthalene-d8	370535	10.586				
15067-26-2	Acenaphthene-d10	293182	14.44				
1517-22-2	Phenanthrene-d10	709198	17.19				
1719-03-5	Chrysene-d12	759273	21.443				
1520-96-3	Perylene-d12	812180	24.458				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	300	J			15.803	
	(DEL) Alkane: Straight-Chain	21.103	J			21.103	
E966796	Total Alkanes	95				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X9	SDG No.:	BG122624
Lab Sample ID:	P5324-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.8
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
BG063849.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

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	98.8	400	ug/Kg
110-86-1	Pyridine	92	U	92	200	400	ug/Kg
108-95-2	Phenol	36	U	36	98.8	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	98.8	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	50.9	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.8	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.8	400	ug/Kg
98-86-2	Acetophenone	79	U	79	98.8	400	ug/Kg
106-44-5	4-Methylphenol	63	U	63	98.8	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	50.9	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	50.9	200	ug/Kg
98-95-3	Nitrobenzene	77	U	77	50.9	200	ug/Kg
78-59-1	Isophorone	79	U	79	50.9	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	50.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	50.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.9	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50.9	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.9	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	50.9	200	ug/Kg
105-60-2	Caprolactam	77	U	77	98.8	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	50.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.8	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	50.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	50.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X9	SDG No.:	BG122624
Lab Sample ID:	P5324-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.8
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
BG063849.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	50.9	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	50.9	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.9	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	50.9	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	98.8	400	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	98.8	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.8	400	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	50.9	200	ug/Kg
84-66-2	Diethylphthalate	40	U	40	50.9	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.9	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.8	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	98.8	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	50.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	50.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.9	200	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	50.9	200	ug/Kg
1912-24-9	Atrazine	34	U	34	98.8	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	98.8	400	ug/Kg
85-01-8	Phenanthrene	32	U	32	50.9	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.9	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.9	200	ug/Kg
86-74-8	Carbazole	41	U	41	98.8	400	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.9	200	ug/Kg
206-44-0	Fluoranthene	23	U	23	98.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X9	SDG No.:	BG122624
Lab Sample ID:	P5324-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.8
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
BG063849.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	50.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.8	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	50.9	200	ug/Kg
218-01-9	Chrysene	29	U	29	50.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	98.8	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	50.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	50.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.315		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	16.011		20-120		40	SPK: -40
4165-62-2	Phenol-d5	16.802		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.74		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.707		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	17.654		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	19.796		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.896		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.19		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.401		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.643		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.786		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.969		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	21.551		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5X9	SDG No.:	BG122624
Lab Sample ID:	P5324-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.8
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
BG063849.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.598		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	23.52		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	21.842		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.615		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85455	7.794				
1146-65-2	Naphthalene-d8	355564	10.585				
15067-26-2	Acenaphthene-d10	273059	14.439				
1517-22-2	Phenanthrene-d10	670025	17.195				
1719-03-5	Chrysene-d12	721976	21.442				
1520-96-3	Perylene-d12	772738	24.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	220	J			15.802	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5Z7	SDG No.:	BG122624
Lab Sample ID:	P5324-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.8
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
BG063850.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

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	92.5	370	ug/Kg
110-86-1	Pyridine	86	U	86	180	370	ug/Kg
108-95-2	Phenol	34	U	34	92.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	92.5	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.6	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.5	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.5	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	92.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	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	92.5	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	92.5	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:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5Z7	SDG No.:	BG122624
Lab Sample ID:	P5324-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.8
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
BG063850.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

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	33	U	33	47.6	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.5	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.5	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.5	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	92.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	92.5	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	92.5	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	92.5	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	92.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.6	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	92.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5Z7	SDG No.:	BG122624
Lab Sample ID:	P5324-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.8
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
BG063850.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

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	92.5	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	92.5	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	2.68		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	8.81		20-120		22	SPK: -40
4165-62-2	Phenol-d5	13.3		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.239		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.859		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	13.148		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	15.33		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.471		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.453		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.47		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.484		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	17.156		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.77		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	17.735		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5Z7	SDG No.:	BG122624
Lab Sample ID:	P5324-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.8
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
BG063850.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.896		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	18.219		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	17.189		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.502		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85194	7.8				
1146-65-2	Naphthalene-d8	343268	10.584				
15067-26-2	Acenaphthene-d10	270082	14.439				
1517-22-2	Phenanthrene-d10	678580	17.194				
1719-03-5	Chrysene-d12	746574	21.442				
1520-96-3	Perylene-d12	798773	24.456				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	160	J			15.802	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE695	SDG No.:	BG122624
Lab Sample ID:	P5324-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063851.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

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	98.8	400	ug/Kg
110-86-1	Pyridine	92	U	92	200	400	ug/Kg
108-95-2	Phenol	36	U	36	98.8	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	98.8	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	50.9	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.8	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.8	400	ug/Kg
98-86-2	Acetophenone	79	U	79	98.8	400	ug/Kg
106-44-5	4-Methylphenol	63	U	63	98.8	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	50.9	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	50.9	200	ug/Kg
98-95-3	Nitrobenzene	77	U	77	50.9	200	ug/Kg
78-59-1	Isophorone	79	U	79	50.9	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	50.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	50.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.9	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50.9	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.9	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	50.9	200	ug/Kg
105-60-2	Caprolactam	77	U	77	98.8	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	50.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.8	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	50.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	50.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE695	SDG No.:	BG122624
Lab Sample ID:	P5324-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063851.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	50.9	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	50.9	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.9	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	50.9	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	98.8	400	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	98.8	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.8	400	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	50.9	200	ug/Kg
84-66-2	Diethylphthalate	40	U	40	50.9	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.9	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.8	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	98.8	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	50.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	50.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.9	200	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	50.9	200	ug/Kg
1912-24-9	Atrazine	34	U	34	98.8	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	98.8	400	ug/Kg
85-01-8	Phenanthrene	32	U	32	50.9	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.9	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.9	200	ug/Kg
86-74-8	Carbazole	41	U	41	98.8	400	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.9	200	ug/Kg
206-44-0	Fluoranthene	23	U	23	98.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE695	SDG No.:	BG122624
Lab Sample ID:	P5324-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
Sample Wt/Vol:	30	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
BG063851.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	50.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.8	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	50.9	200	ug/Kg
218-01-9	Chrysene	29	U	29	50.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	98.8	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	50.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	50.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.096		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	25.675		20-120		64	SPK: -40
4165-62-2	Phenol-d5	25.324		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.268		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.242		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	25.515		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	28.057		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.267		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.171		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.683		1-145		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.187		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.864		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.737		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	28.426		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE695	SDG No.:	BG122624
Lab Sample ID:	P5324-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063851.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.559		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	29.9		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	28.499		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.355		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97971	7.794				
1146-65-2	Naphthalene-d8	402559	10.585				
15067-26-2	Acenaphthene-d10	299337	14.44				
1517-22-2	Phenanthrene-d10	715439	17.195				
1719-03-5	Chrysene-d12	770710	21.443				
1520-96-3	Perylene-d12	838769	24.457				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	360	J			15.797	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5Z8	SDG No.:	BG122624
Lab Sample ID:	P5324-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18
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
BG063852.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8	81	ug/Kg
100-52-7	Benzaldehyde	70	U	70	100	400	ug/Kg
110-86-1	Pyridine	94	U	94	200	400	ug/Kg
108-95-2	Phenol	36	U	36	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.7	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	400	ug/Kg
98-86-2	Acetophenone	80	U	80	100	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	96	U	96	51.7	210	ug/Kg
67-72-1	Hexachloroethane	74	U	74	51.7	210	ug/Kg
98-95-3	Nitrobenzene	78	U	78	51.7	210	ug/Kg
78-59-1	Isophorone	80	U	80	51.7	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	51.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	51.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.7	210	ug/Kg
91-20-3	Naphthalene	29	U	29	51.7	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	51.7	400	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	51.7	210	ug/Kg
105-60-2	Caprolactam	78	U	78	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	51.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	51.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5Z8	SDG No.:	BG122624
Lab Sample ID:	P5324-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18
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
BG063852.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	51.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.7	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	51.7	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.7	210	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51.7	210	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	100	400	ug/Kg
83-32-9	Acenaphthene	32	U	32	51.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	100	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	51.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	51.7	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.7	210	ug/Kg
86-73-7	Fluorene	33	U	33	51.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.7	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	51.7	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.7	210	ug/Kg
1912-24-9	Atrazine	34	U	34	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	33	U	33	51.7	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.7	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.7	210	ug/Kg
86-74-8	Carbazole	41	U	41	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.7	210	ug/Kg
206-44-0	Fluoranthene	23	U	23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5Z8	SDG No.:	BG122624
Lab Sample ID:	P5324-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18
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
BG063852.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	51.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	51.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	51.7	210	ug/Kg
218-01-9	Chrysene	29	U	29	51.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	51.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	51.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	51.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	51.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	51.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	51.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.376		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	10.705		20-120		27	SPK: -40
4165-62-2	Phenol-d5	14.858		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.94		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.579		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	14.526		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	16.428		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.427		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.594		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.616		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.49		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	17.953		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.636		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	18.704		20-140		47	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5Z8	SDG No.:	BG122624
Lab Sample ID:	P5324-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18
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
BG063852.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.084		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	20.525		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	18.287		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.279		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81724	7.797				
1146-65-2	Naphthalene-d8	339683	10.588				
15067-26-2	Acenaphthene-d10	257159	14.437				
1517-22-2	Phenanthrene-d10	635024	17.192				
1719-03-5	Chrysene-d12	735342	21.44				
1520-96-3	Perylene-d12	788122	24.46				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	200	J			15.8	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5Z9	SDG No.:	BG122624
Lab Sample ID:	P5324-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
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
BG063853.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.6	87	ug/Kg
100-52-7	Benzaldehyde	75	U	75	110	430	ug/Kg
110-86-1	Pyridine	100	U	100	210	430	ug/Kg
108-95-2	Phenol	39	U	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	110	430	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	55.3	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52	U	52	110	430	ug/Kg
98-86-2	Acetophenone	86	U	86	110	430	ug/Kg
106-44-5	4-Methylphenol	69	U	69	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	55.3	220	ug/Kg
67-72-1	Hexachloroethane	79	U	79	55.3	220	ug/Kg
98-95-3	Nitrobenzene	83	U	83	55.3	220	ug/Kg
78-59-1	Isophorone	86	U	86	55.3	220	ug/Kg
88-75-5	2-Nitrophenol	78	U	78	55.3	220	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	55.3	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	55.3	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	55.3	220	ug/Kg
91-20-3	Naphthalene	31	U	31	55.3	220	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	55.3	430	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	55.3	220	ug/Kg
105-60-2	Caprolactam	83	U	83	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	55.3	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	55.3	220	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	55.3	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	55.3	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	55.3	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5Z9	SDG No.:	BG122624
Lab Sample ID:	P5324-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063853.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	55.3	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	55.3	220	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	55.3	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	55.3	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	55.3	220	ug/Kg
208-96-8	Acenaphthylene	38	U	38	55.3	220	ug/Kg
99-09-2	3-Nitroaniline	86	U	86	110	430	ug/Kg
83-32-9	Acenaphthene	34	U	34	55.3	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	35	U	35	55.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	55.3	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	55.3	220	ug/Kg
86-73-7	Fluorene	35	U	35	55.3	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.3	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	55.3	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	55.3	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	55.3	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	55.3	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	430	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	430	ug/Kg
85-01-8	Phenanthrene	35	U	35	55.3	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	55.3	220	ug/Kg
120-12-7	Anthracene	33	U	33	55.3	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	55.3	220	ug/Kg
86-74-8	Carbazole	44	U	44	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	55.3	220	ug/Kg
206-44-0	Fluoranthene	25	U	25	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5Z9	SDG No.:	BG122624
Lab Sample ID:	P5324-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063853.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	23	U	23	55.3	220	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	55.3	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	55.3	220	ug/Kg
218-01-9	Chrysene	31	U	31	55.3	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	33	U	33	55.3	220	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	55.3	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	49	U	49	55.3	220	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	55.3	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	55.3	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	55.3	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	55.3	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	55.3	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.626		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	23.588		20-120		59	SPK: -40
4165-62-2	Phenol-d5	21.689		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.022		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.265		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	22.184		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	21.828		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.202		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.412		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.69		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.105		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	30.487		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	38.256		10-150		96	SPK: -40
81103-79-9	Fluorene-d10	35.446		20-140		89	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE5Z9	SDG No.:	BG122624
Lab Sample ID:	P5324-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063853.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.196		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	40.442		10-150		101	SPK: -40
1718-52-1	Pyrene-d10	38.138		10-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.706		10-140		102	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80011	7.8				
1146-65-2	Naphthalene-d8	334554	10.585				
15067-26-2	Acenaphthene-d10	250955	14.439				
1517-22-2	Phenanthrene-d10	636034	17.195				
1719-03-5	Chrysene-d12	719164	21.443				
1520-96-3	Perylene-d12	771099	24.463				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	290	J			15.802	
	(DEL) Alkane: Cyclic	110	J			21.108	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE600	SDG No.:	BG122624
Lab Sample ID:	P5324-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
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
BG063854.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8	81	ug/Kg
100-52-7	Benzaldehyde	71	U	71	100	400	ug/Kg
110-86-1	Pyridine	94	U	94	200	400	ug/Kg
108-95-2	Phenol	37	U	37	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.7	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	400	ug/Kg
98-86-2	Acetophenone	80	U	80	100	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	96	U	96	51.7	210	ug/Kg
67-72-1	Hexachloroethane	74	U	74	51.7	210	ug/Kg
98-95-3	Nitrobenzene	78	U	78	51.7	210	ug/Kg
78-59-1	Isophorone	80	U	80	51.7	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	51.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	51.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.7	210	ug/Kg
91-20-3	Naphthalene	29	U	29	51.7	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	51.7	400	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	51.7	210	ug/Kg
105-60-2	Caprolactam	78	U	78	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	51.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	51.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE600	SDG No.:	BG122624
Lab Sample ID:	P5324-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
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
BG063854.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	51.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.7	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	51.7	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	51.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.7	210	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51.7	210	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	100	400	ug/Kg
83-32-9	Acenaphthene	32	U	32	51.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	51.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	51.7	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.7	210	ug/Kg
86-73-7	Fluorene	33	U	33	51.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.7	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	51.7	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.7	210	ug/Kg
1912-24-9	Atrazine	34	U	34	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	33	U	33	51.7	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.7	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.7	210	ug/Kg
86-74-8	Carbazole	41	U	41	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.7	210	ug/Kg
206-44-0	Fluoranthene	23	U	23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE600	SDG No.:	BG122624
Lab Sample ID:	P5324-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063854.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	51.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	51.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	51.7	210	ug/Kg
218-01-9	Chrysene	29	U	29	51.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	51.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	51.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	51.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	51.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	51.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	51.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.942		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	25.933		20-120		65	SPK: -40
4165-62-2	Phenol-d5	27.866		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.933		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.728		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	29.176		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	33.741		10-135		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.069		10-120		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.724		10-140		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.238		1-145		86	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.529		10-145		94	SPK: -40
93951-97-4	Acenaphthylene-d8	35.862		15-120		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.635		10-150		87	SPK: -40
81103-79-9	Fluorene-d10	37.909		20-140		95	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE600	SDG No.:	BG122624
Lab Sample ID:	P5324-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.1
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
BG063854.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.189		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	40.069		10-150		100	SPK: -40
1718-52-1	Pyrene-d10	37.264		10-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.254		10-140		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95338	7.796				
1146-65-2	Naphthalene-d8	365756	10.587				
15067-26-2	Acenaphthene-d10	276152	14.441				
1517-22-2	Phenanthrene-d10	683858	17.191				
1719-03-5	Chrysene-d12	737534	21.444				
1520-96-3	Perylene-d12	800277	24.464				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	260	J			15.798	
000506-52-5	1-Hexacosanol	86	J			21.104	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE601	SDG No.:	BG122624
Lab Sample ID:	P5324-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063855.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.8	79	ug/Kg
100-52-7	Benzaldehyde	68	U	68	97.2	390	ug/Kg
110-86-1	Pyridine	91	U	91	190	390	ug/Kg
108-95-2	Phenol	35	U	35	97.2	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	97.2	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.1	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	97.2	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	97.2	390	ug/Kg
98-86-2	Acetophenone	78	U	78	97.2	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	97.2	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	50.1	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	50.1	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	50.1	200	ug/Kg
78-59-1	Isophorone	78	U	78	50.1	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	50.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.1	200	ug/Kg
91-20-3	Naphthalene	28	U	28	50.1	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	50.1	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.1	200	ug/Kg
105-60-2	Caprolactam	75	U	75	97.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	50.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	50.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.2	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	50.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE601	SDG No.:	BG122624
Lab Sample ID:	P5324-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063855.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.1	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	50.1	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.1	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50.1	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	97.2	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	97.2	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.2	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	50.1	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.1	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.1	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	97.2	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	97.2	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	50.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.1	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.1	200	ug/Kg
1912-24-9	Atrazine	33	U	33	97.2	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.2	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	50.1	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.1	200	ug/Kg
120-12-7	Anthracene	29	U	29	50.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.1	200	ug/Kg
86-74-8	Carbazole	40	U	40	97.2	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.1	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	97.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE601	SDG No.:	BG122624
Lab Sample ID:	P5324-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063855.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	50.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	97.2	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	50.1	200	ug/Kg
218-01-9	Chrysene	28	U	28	50.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	50.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	97.2	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	50.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.268		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	20.973		20-120		52	SPK: -40
4165-62-2	Phenol-d5	22.044		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.838		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.001		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	22.468		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	24.361		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.3		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.739		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.582		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.83		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	26.813		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.893		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	28.871		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	YE601	SDG No.:	BG122624
Lab Sample ID:	P5324-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063855.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.934		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	31.135		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	28.546		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.055		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93280	7.797				
1146-65-2	Naphthalene-d8	382199	10.588				
15067-26-2	Acenaphthene-d10	281464	14.442				
1517-22-2	Phenanthrene-d10	713603	17.192				
1719-03-5	Chrysene-d12	766135	21.445				
1520-96-3	Perylene-d12	805232	24.46				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	220	J			15.799	
074339-54-1	Trichloroacetic acid, hexadecyl es	87	J			21.105	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	YE630	SDG No.:	BG122624
Lab Sample ID:	P5324-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063856.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

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:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	YE630	SDG No.:	BG122624
Lab Sample ID:	P5324-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
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
BG063856.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

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:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	YE630	SDG No.:	BG122624
Lab Sample ID:	P5324-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063856.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

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	3.714		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	11.754		20-120		29	SPK: -40
4165-62-2	Phenol-d5	17.025		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.194		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.005		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	17.915		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	19.23		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.525		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.875		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.236		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.954		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	21.555		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.917		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	21.695		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	YE630	SDG No.:	BG122624
Lab Sample ID:	P5324-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063856.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.357		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	22.807		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	21.099		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.909		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98050	7.794				
1146-65-2	Naphthalene-d8	402891	10.585				
15067-26-2	Acenaphthene-d10	299700	14.44				
1517-22-2	Phenanthrene-d10	723032	17.195				
1719-03-5	Chrysene-d12	767525	21.443				
1520-96-3	Perylene-d12	829226	24.463				
TENTATIVE IDENTIFIED COMPOUNDS							
063621-15-8	2,4-Nonadiyne	120	J			7.448	
000106-44-5	p-Cresol	160	J			8.576	
000105-67-9	Phenol, 2,4-dimethyl-	210	J			9.774	
000108-43-0	Phenol, 3-chloro-	510	J			10.491	
000091-63-4	Quinoline, 2-methyl-	120	J			12.371	
000091-62-3	Quinoline, 6-methyl-	89	J			12.977	
000591-35-5	Phenol, 3,5-dichloro-	420	J			13.17	
000095-77-2	Phenol, 3,4-dichloro-	100	J			13.482	
000119-61-9	Benzophenone	240	J			15.797	
000057-10-3	n-Hexadecanoic acid	130	J			18.094	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	YE631	SDG No.:	BG122624
Lab Sample ID:	P5324-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.4
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
BG063857.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	8.8	89	ug/Kg
100-52-7	Benzaldehyde	77	U	77	110	440	ug/Kg
110-86-1	Pyridine	100	U	100	220	440	ug/Kg
108-95-2	Phenol	40	U	40	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	110	440	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	56.8	230	ug/Kg
95-48-7	2-Methylphenol	41	U	41	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	53	U	53	110	440	ug/Kg
98-86-2	Acetophenone	88	U	88	110	440	ug/Kg
106-44-5	4-Methylphenol	71	U	71	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	56.8	230	ug/Kg
67-72-1	Hexachloroethane	81	U	81	56.8	230	ug/Kg
98-95-3	Nitrobenzene	86	U	86	56.8	230	ug/Kg
78-59-1	Isophorone	88	U	88	56.8	230	ug/Kg
88-75-5	2-Nitrophenol	80	U	80	56.8	230	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	56.8	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	60	U	60	56.8	230	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	56.8	230	ug/Kg
91-20-3	Naphthalene	32	U	32	56.8	230	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	56.8	440	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	56.8	230	ug/Kg
105-60-2	Caprolactam	86	U	86	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	56.8	230	ug/Kg
90-12-0	1-Methylnaphthalene	32	U	32	56.8	230	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	56.8	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	32	U	32	56.8	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	56.8	230	ug/Kg

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	YE631	SDG No.:	BG122624
Lab Sample ID:	P5324-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063857.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35	U	35	56.8	230	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	56.8	230	ug/Kg
88-74-4	2-Nitroaniline	60	U	60	56.8	230	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	56.8	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	56.8	230	ug/Kg
208-96-8	Acenaphthylene	39	U	39	56.8	230	ug/Kg
99-09-2	3-Nitroaniline	88	U	88	110	440	ug/Kg
83-32-9	Acenaphthene	35	U	35	56.8	230	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	440	ug/Kg
100-02-7	4-Nitrophenol	59	U	59	110	440	ug/Kg
132-64-9	Dibenzofuran	36	U	36	56.8	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	56.8	230	ug/Kg
84-66-2	Diethylphthalate	44	U	44	56.8	230	ug/Kg
86-73-7	Fluorene	36	U	36	56.8	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	56.8	230	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51	U	51	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	32	U	32	56.8	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	56.8	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	56.8	230	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	56.8	230	ug/Kg
1912-24-9	Atrazine	37	U	37	110	440	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	440	ug/Kg
85-01-8	Phenanthrene	36	U	36	56.8	230	ug/Kg
608-93-5	Pentachlorobenzene	49	U	49	56.8	230	ug/Kg
120-12-7	Anthracene	33	U	33	56.8	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	23	U	23	56.8	230	ug/Kg
86-74-8	Carbazole	45	U	45	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	36	U	36	56.8	230	ug/Kg
206-44-0	Fluoranthene	25	U	25	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	YE631	SDG No.:	BG122624
Lab Sample ID:	P5324-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063857.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	24	U	24	56.8	230	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	56.8	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	56.8	230	ug/Kg
218-01-9	Chrysene	32	U	32	56.8	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	33	U	33	56.8	230	ug/Kg
117-84-0	Di-n-octyl phthalate	64	U	64	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	56.8	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	56.8	230	ug/Kg
50-32-8	Benzo(a)pyrene	41	U	41	56.8	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	56.8	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	56.8	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	56.8	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	56.8	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.759		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	18.147		20-120		45	SPK: -40
4165-62-2	Phenol-d5	15.889		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.296		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.372		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	17.331		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	18.177		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.323		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.995		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.4		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.171		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	18.569		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.399		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	17.849		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	YE631	SDG No.:	BG122624
Lab Sample ID:	P5324-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063857.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.279		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	18.432		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	16.28		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.499		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109468	7.799				
1146-65-2	Naphthalene-d8	438077	10.584				
15067-26-2	Acenaphthene-d10	311459	14.438				
1517-22-2	Phenanthrene-d10	717100	17.193				
1719-03-5	Chrysene-d12	741071	21.447				
1520-96-3	Perylene-d12	793573	24.467				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-47-6	o-Xylene	180	J			5.448	
	(DEL) Alkane: Straight-Chain7.423	1100	J			7.423	
000611-14-3	Benzene, 1-ethyl-2-methyl-	350	J			7.916	
000135-01-3	Benzene, 1,2-diethyl-	220	J			8.433	
000106-44-5	p-Cresol	640	J			8.574	
000099-87-6	p-Cymene	140	J			8.797	
000527-84-4	o-Cymene	510	J			8.897	
000105-67-9	Phenol, 2,4-dimethyl-	560	J			9.773	
000108-43-0	Phenol, 3-chloro-	1200	J			10.495	
002471-84-3	1H-Indene, 1-methylene-	800	J			10.642	
000698-71-5	Phenol, 3-ethyl-5-methyl-	120	J			10.954	
001123-94-0	Phenol, 4-ethyl-3-methyl-	140	J			11.13	
000098-54-4	Phenol, p-tert-butyl-	100	J			11.941	
000090-12-0	Naphthalene, 1-methyl-	190	J			12.246	
000091-63-4	Quinoline, 2-methyl-	100	J			12.37	
000091-57-6	Naphthalene, 2-methyl-	110	J			12.47	
000591-35-5	Phenol, 3,5-dichloro-	180	J			13.175	

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	YE631	SDG No.:	BG122624
Lab Sample ID:	P5324-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063857.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000095-77-2	Phenol, 3,4-dichloro-	250	J			13.486	
000582-16-1	Naphthalene, 2,7-dimethyl-	150	J			13.615	
000581-40-8	Naphthalene, 2,3-dimethyl-	120	J			13.756	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	210	J			13.921	
	(DEL) Alkane: Straight-Chain14.338	350	J			14.338	
000143-07-7	Dodecanoic acid	330	J			14.884	
000119-61-9	Benzophenone	250	J			15.795	
	(DEL) Alkane: Straight-Chain16.159	490	J			16.159	
000544-63-8	Tetradecanoic acid	1700	J			16.624	
	(DEL) Alkane: Straight-Chain16.953	380	J			16.953	
	(DEL) Alkane: Straight-Chain17.005	330	J			17.005	
	(DEL) Alkane: Straight-Chain17.693	400	J			17.693	
000120-32-1	Clorophene	110	J			17.91	
000057-10-3	n-Hexadecanoic acid	15000	J			18.151	
	(DEL) Alkane: Straight-Chain18.386	380	J			18.386	
000112-79-8	9-Octadecenoic acid, (E)-	3100	J			19.32	
000057-11-4	Octadecanoic acid	2900	J			19.397	
	(DEL) Alkane: Straight-Chain20.137	310	J			20.137	
005561-99-9	cis-11-Eicosenoic acid	410	J			20.366	
001235-74-1	Methyl dehydroabietate	190	J			20.566	
	(DEL) Alkane: Straight-Chain20.631	390	J			20.631	
	(DEL) Alkane: Straight-Chain22.194	210	J			22.194	
E966796	Total Alkanes	4300				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	YE635	SDG No.:	BG122624
Lab Sample ID:	P5324-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
Sample Wt/Vol:	30.1	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
BG063858.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.1	81	ug/Kg
100-52-7	Benzaldehyde	71	U	71	100	400	ug/Kg
110-86-1	Pyridine	94	U	94	200	400	ug/Kg
108-95-2	Phenol	37	U	37	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.8	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	400	ug/Kg
98-86-2	Acetophenone	81	U	81	100	400	ug/Kg
106-44-5	4-Methylphenol	65	U	65	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	96	U	96	51.8	210	ug/Kg
67-72-1	Hexachloroethane	74	U	74	51.8	210	ug/Kg
98-95-3	Nitrobenzene	78	U	78	51.8	210	ug/Kg
78-59-1	Isophorone	81	U	81	51.8	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	51.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	51.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.8	210	ug/Kg
91-20-3	Naphthalene	29	U	29	51.8	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	51.8	400	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	51.8	210	ug/Kg
105-60-2	Caprolactam	78	U	78	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	51.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	51.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.8	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	YE635	SDG No.:	BG122624
Lab Sample ID:	P5324-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
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
BG063858.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	51.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.8	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	51.8	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	51.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.8	210	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51.8	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	400	ug/Kg
83-32-9	Acenaphthene	32	U	32	51.8	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	400	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	51.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	51.8	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.8	210	ug/Kg
86-73-7	Fluorene	33	U	33	51.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.8	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	51.8	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.8	210	ug/Kg
1912-24-9	Atrazine	34	U	34	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	33	U	33	51.8	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.8	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.8	210	ug/Kg
86-74-8	Carbazole	41	U	41	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.8	210	ug/Kg
206-44-0	Fluoranthene	23	U	23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	YE635	SDG No.:	BG122624
Lab Sample ID:	P5324-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063858.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	51.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	51.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	51.8	210	ug/Kg
218-01-9	Chrysene	29	U	29	51.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	51.8	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	51.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	51.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	51.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	51.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	51.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51.8	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.904		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	23.739		20-120		59	SPK: -40
4165-62-2	Phenol-d5	26.636		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.36		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.362		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	27.759		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	27.183		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.268		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.594		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.402		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.089		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	29.207		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.968		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	30.169		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	YE635	SDG No.:	BG122624
Lab Sample ID:	P5324-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG063858.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0.838	*	10-130		2	SPK: -40
1719-06-8	Anthracene-d10	32.141		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	28.496		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.433		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97733	7.796				
1146-65-2	Naphthalene-d8	404336	10.587				
15067-26-2	Acenaphthene-d10	299136	14.442				
1517-22-2	Phenanthrene-d10	729066	17.191				
1719-03-5	Chrysene-d12	763368	21.445				
1520-96-3	Perylene-d12	803287	24.465				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	260	J			15.799	
	(DEL) Alkane: Straight-Chain	21.110	J			21.11	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SLCS796	SDG No.:	BG122624
Lab Sample ID:	PB165796BS	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
BG063859.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	340		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	120	J	58	82.5	330	ug/Kg
110-86-1	Pyridine	960		77	170	330	ug/Kg
108-95-2	Phenol	940		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	820		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	920		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	860		40	82.5	330	ug/Kg
98-86-2	Acetophenone	840		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	940		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	800		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	810		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	920		64	42.5	170	ug/Kg
78-59-1	Isophorone	870		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	950		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	980		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	880		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		38	42.5	170	ug/Kg
91-20-3	Naphthalene	930		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	620		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	840		35	42.5	170	ug/Kg
105-60-2	Caprolactam	1100		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	910		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	900		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	300	J	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SLCS796	SDG No.:	BG122624
Lab Sample ID:	PB165796BS	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
BG063859.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	930		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	940		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1100		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	980		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	960		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1200		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	970		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	260	J	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	720		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1000		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1000		33	42.5	170	ug/Kg
86-73-7	Fluorene	1000		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	920		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1300		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	940		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	850		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	900		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	900		28	42.5	170	ug/Kg
1912-24-9	Atrazine	930		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	520		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	1000		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	840		37	42.5	170	ug/Kg
120-12-7	Anthracene	1000		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	790		17	42.5	170	ug/Kg
86-74-8	Carbazole	1100		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1000		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	930		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SLCS796	SDG No.:	BG122624
Lab Sample ID:	PB165796BS	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
BG063859.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	940		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1100		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	840		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	930		23	42.5	170	ug/Kg
218-01-9	Chrysene	920		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	970		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	970		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	980		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	950		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.557		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	28.794		20-120		72	SPK: -40
4165-62-2	Phenol-d5	27.771		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.052		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.94		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	27.836		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	28.497		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.476		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.863		10-140		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.633		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.949		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.208		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.885		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	29.056		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	12/23/2024 12:00:00 AM
Project:		Date Received:	12/23/2024 12:00:00 AM
Client Sample ID:	SLCS796	SDG No.:	BG122624
Lab Sample ID:	PB165796BS	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
BG063859.D	1	12/23/2024 12:00:00 AM	12/27/2024 12:00:00 AM	PB165796

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.548		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	28.473		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	26.288		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.341		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88956	7.793				
1146-65-2	Naphthalene-d8	360262	10.584				
15067-26-2	Acenaphthene-d10	264685	14.439				
1517-22-2	Phenanthrene-d10	692972	17.194				
1719-03-5	Chrysene-d12	768717	21.448				
1520-96-3	Perylene-d12	805221	24.468				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG122624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : YE5X5								
P5324-01	YE5X5	Solid	Benzophenone	*	380.000	J		
P5324-01	YE5X5	Solid	Dichloroacetic acid, heptadecyl es	*	130.000	J		
P5324-01	YE5X5	Solid	Total Alkanes	*	0.000	33	210	ug/Kg
Total Tics :					510.00			
Total Concentration:					510.00			
Client ID : YE5X7								
P5324-02	YE5X7	Solid	Benzophenone	*	140.000	J		
P5324-02	YE5X7	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :					140.00			
Total Concentration:					140.00			
Client ID : YE5Y1								
P5324-03	YE5Y1	Solid	Benzophenone	*	370.000	J		
P5324-03	YE5Y1	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :					370.00			
Total Concentration:					370.00			
Client ID : YE5X6								
P5324-04	YE5X6	Solid	Benzophenone	*	330.000	J		
P5324-04	YE5X6	Solid	Octacosanol	*	82.000	J		
P5324-04	YE5X6	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :					412.00			
Total Concentration:					412.00			
Client ID : YE5X8								
P5324-07	YE5X8	Solid	(DEL) Alkane: Straight-Chain21.1	*	95.000	J		
P5324-07	YE5X8	Solid	Benzophenone	*	300.000	J		
P5324-07	YE5X8	Solid	Total Alkanes	*	95.000	33	210	ug/Kg
Total Tics :					490.00			
Total Concentration:					490.00			
Client ID : YE5X9								
P5324-08	YE5X9	Solid	Benzophenone	*	220.000	J		
P5324-08	YE5X9	Solid	Total Alkanes	*	0.000	31	200	ug/Kg
Total Tics :					220.00			
Total Concentration:					220.00			
Client ID : YE5Z7								
P5324-09	YE5Z7	Solid	Benzophenone	*	160.000	J		
P5324-09	YE5Z7	Solid	Total Alkanes	*	0.000	29	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG122624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :					160.00			
Total Concentration:					160.00			
Client ID : YE695								
P5324-10	YE695	Solid	Benzophenone	*	360.000	J		
P5324-10	YE695	Solid	Total Alkanes	*	0.000	31	200	ug/Kg
Total Tics :					360.00			
Total Concentration:					360.00			
Client ID : YE5Z8								
P5324-11	YE5Z8	Solid	Benzophenone	*	200.000	J		
P5324-11	YE5Z8	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :					200.00			
Total Concentration:					200.00			
Client ID : YE5Z9								
P5324-12	YE5Z9	Solid	(DEL) Alkane: Cyclic21.108	*	110.000	J		
P5324-12	YE5Z9	Solid	Benzophenone	*	290.000	J		
P5324-12	YE5Z9	Solid	Total Alkanes	*	110.000	34	220	ug/Kg
Total Tics :					510.00			
Total Concentration:					510.00			
Client ID : YE600								
P5324-13	YE600	Solid	1-Hexacosanol	*	86.000	J		
P5324-13	YE600	Solid	Benzophenone	*	260.000	J		
P5324-13	YE600	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :					346.00			
Total Concentration:					346.00			
Client ID : YE601								
P5324-14	YE601	Solid	Benzophenone	*	220.000	J		
P5324-14	YE601	Solid	Trichloroacetic acid, hexadecyl es	*	87.000	J		
P5324-14	YE601	Solid	Total Alkanes	*	0.000	31	200	ug/Kg
Total Tics :					307.00			
Total Concentration:					307.00			
Client ID : YE630								
P5324-15	YE630	Solid	2,4-Nonadiyne	*	120.000	J		
P5324-15	YE630	Solid	Benzophenone	*	240.000	J		
P5324-15	YE630	Solid	n-Hexadecanoic acid	*	130.000	J		
P5324-15	YE630	Solid	p-Cresol	*	160.000	J		
P5324-15	YE630	Solid	Phenol, 2,4-dimethyl-	*	210.000	J		
P5324-15	YE630	Solid	Phenol, 3,4-dichloro-	*	100.000	J		
P5324-15	YE630	Solid	Phenol, 3,5-dichloro-	*	420.000	J		

Hit Summary Sheet SW-846

SDG No.: BG122624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5324-15	YE630	Solid	Phenol, 3-chloro-	*	510.000	J		
P5324-15	YE630	Solid	Quinoline, 2-methyl-	*	120.000	J		
P5324-15	YE630	Solid	Quinoline, 6-methyl-	*	89.000	J		
P5324-15	YE630	Solid	Total Alkanes	*	0.000	30	200	ug/Kg
Total Tics :					2,099.00			
Total Concentration:					2,099.00			

Client ID : YE631

P5324-16	YE631	Solid	(DEL) Alkane: Straight-Chain14.3	*	350.000	J		
P5324-16	YE631	Solid	(DEL) Alkane: Straight-Chain16.1	*	490.000	J		
P5324-16	YE631	Solid	(DEL) Alkane: Straight-Chain16.9	*	380.000	J		
P5324-16	YE631	Solid	(DEL) Alkane: Straight-Chain17.0	*	330.000	J		
P5324-16	YE631	Solid	(DEL) Alkane: Straight-Chain17.6	*	400.000	J		
P5324-16	YE631	Solid	(DEL) Alkane: Straight-Chain18.3	*	380.000	J		
P5324-16	YE631	Solid	(DEL) Alkane: Straight-Chain20.1	*	310.000	J		
P5324-16	YE631	Solid	(DEL) Alkane: Straight-Chain20.6	*	390.000	J		
P5324-16	YE631	Solid	(DEL) Alkane: Straight-Chain22.1	*	210.000	J		
P5324-16	YE631	Solid	(DEL) Alkane: Straight-Chain7.42	*	1,100.000	J		
P5324-16	YE631	Solid	1H-Indene, 1-methylene-	*	800.000	J		
P5324-16	YE631	Solid	9-Octadecenoic acid, (E)-	*	3,100.000	J		
P5324-16	YE631	Solid	Benzene, 1,2-diethyl-	*	220.000	J		
P5324-16	YE631	Solid	Benzene, 1-ethyl-2-methyl-	*	350.000	J		
P5324-16	YE631	Solid	Benzophenone	*	250.000	J		
P5324-16	YE631	Solid	Carbonic acid, eicosyl vinyl ester	*	210.000	J		
P5324-16	YE631	Solid	cis-11-Eicosenoic acid	*	410.000	J		
P5324-16	YE631	Solid	Clorophene	*	110.000	J		
P5324-16	YE631	Solid	Dodecanoic acid	*	330.000	J		
P5324-16	YE631	Solid	Methyl dehydroabietate	*	190.000	J		
P5324-16	YE631	Solid	n-Hexadecanoic acid	*	15,000.000	J		
P5324-16	YE631	Solid	Naphthalene, 1-methyl-	*	190.000	J		
P5324-16	YE631	Solid	Naphthalene, 2,3-dimethyl-	*	120.000	J		
P5324-16	YE631	Solid	Naphthalene, 2,7-dimethyl-	*	150.000	J		
P5324-16	YE631	Solid	Naphthalene, 2-methyl-	*	110.000	J		
P5324-16	YE631	Solid	o-Cymene	*	510.000	J		
P5324-16	YE631	Solid	o-Xylene	*	180.000	J		
P5324-16	YE631	Solid	Octadecanoic acid	*	2,900.000	J		
P5324-16	YE631	Solid	p-Cresol	*	640.000	J		
P5324-16	YE631	Solid	p-Cymene	*	140.000	J		
P5324-16	YE631	Solid	Phenol, 2,4-dimethyl-	*	560.000	J		
P5324-16	YE631	Solid	Phenol, 3,4-dichloro-	*	250.000	J		
P5324-16	YE631	Solid	Phenol, 3,5-dichloro-	*	180.000	J		

Hit Summary Sheet SW-846

SDG No.: BG122624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5324-16	YE631	Solid	Phenol, 3-chloro-	*	1,200.000	J		
P5324-16	YE631	Solid	Phenol, 3-ethyl-5-methyl-	*	120.000	J		
P5324-16	YE631	Solid	Phenol, 4-ethyl-3-methyl-	*	140.000	J		
P5324-16	YE631	Solid	Phenol, p-tert-butyl-	*	100.000	J		
P5324-16	YE631	Solid	Quinoline, 2-methyl-	*	100.000	J		
P5324-16	YE631	Solid	Tetradecanoic acid	*	1,700.000	J		
P5324-16	YE631	Solid	Total Alkanes	*	4,300.000		35	230 ug/Kg
Total Tics :					38,900.00			
Total Concentration:					38,900.00			
Client ID : YE635								
P5324-17	YE635	Solid	(DEL) Alkane: Straight-Chain21.1	*	110.000	J		
P5324-17	YE635	Solid	Benzophenone	*	260.000	J		
P5324-17	YE635	Solid	Total Alkanes	*	110.000		32	210 ug/Kg
Total Tics :					480.00			
Total Concentration:					480.00			
Client ID : E2AQ1								
P5331-01	E2AQ1	Solid	1-Dodecanol, 2-octyl-	*	130.000	J		
P5331-01	E2AQ1	Solid	Benzophenone	*	720.000	J		
P5331-01	E2AQ1	Solid	n-Hexadecanoic acid	*	110.000	J		
P5331-01	E2AQ1	Solid	Total Alkanes	*	0.000		29	190 ug/Kg
Total Tics :					960.00			
P5331-01	E2AQ1	Solid	Phenol		41.000	J	34	370 ug/Kg
Total Svoc :					41.00			
Total Concentration:					1,001.00			
Client ID : E2911								
P5333-08	E2911	Solid	Benzophenone	*	440.000	J		
P5333-08	E2911	Solid	n-Hexadecanoic acid	*	240.000	J		
P5333-08	E2911	Solid	Total Alkanes	*	0.000		33	210 ug/Kg
Total Tics :					680.00			
P5333-08	E2911	Solid	Benzo(a)anthracene		50.000	J	29	210 ug/Kg
P5333-08	E2911	Solid	Benzo(a)pyrene		49.000	J	39	210 ug/Kg
P5333-08	E2911	Solid	Benzo(b)fluoranthene		61.000	J	46	210 ug/Kg
P5333-08	E2911	Solid	Benzo(g,h,i)perylene		46.000	J	40	210 ug/Kg
P5333-08	E2911	Solid	Chrysene		49.000	J	30	210 ug/Kg
P5333-08	E2911	Solid	Fluoranthene		110.000	J	24	210 ug/Kg
P5333-08	E2911	Solid	Phenanthrene		75.000	J	34	210 ug/Kg
P5333-08	E2911	Solid	Phenol		51.000	J	38	410 ug/Kg
P5333-08	E2911	Solid	Pyrene		95.000	J	23	210 ug/Kg
Total Svoc :					586.00			

Hit Summary Sheet
SW-846

SDG No.: BG122624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				1,266.00				
Client ID :	E2913DL							
P5333-11DL	E2913DL	Solid	3-Octanone	*	1,400.000	JD		
P5333-11DL	E2913DL	Solid	4H-Cyclopenta[def]phenanthrene	*	2,100.000	JD		
P5333-11DL	E2913DL	Solid	9,10-Anthracenedione	*	1,500.000	JD		
P5333-11DL	E2913DL	Solid	9H-Fluoren-9-one	*	1,400.000	JD		
P5333-11DL	E2913DL	Solid	Anthracene, 2-methyl-	*	1,200.000	JD		
P5333-11DL	E2913DL	Solid	Benzene, 1,2,3-trimethyl-	*	6,700.000	JD		
P5333-11DL	E2913DL	Solid	Benzene, 1-ethyl-3-methyl-	*	3,500.000	JD		
P5333-11DL	E2913DL	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	1,400.000	JD		
P5333-11DL	E2913DL	Solid	Dibenzothiophene	*	1,100.000	JD		
P5333-11DL	E2913DL	Solid	Naphthalene, 2-phenyl-	*	920.000	JD		
P5333-11DL	E2913DL	Solid	Phenanthrene, 1-methyl-	*	1,600.000	JD		
P5333-11DL	E2913DL	Solid	Total Alkanes	*	0.000	D 320	2100	ug/Kg
Total Tics :				22,820.00				
P5333-11DL	E2913DL	Solid	1-Methylnaphthalene		470.000	JD 300	2100	ug/Kg
P5333-11DL	E2913DL	Solid	2-Methylnaphthalene		630.000	JD 390	2100	ug/Kg
P5333-11DL	E2913DL	Solid	Acenaphthene		2,300.000	D 320	2100	ug/Kg
P5333-11DL	E2913DL	Solid	Anthracene		3,400.000	D 310	2100	ug/Kg
P5333-11DL	E2913DL	Solid	Benzo(a)anthracene		6,300.000	D 280	2100	ug/Kg
P5333-11DL	E2913DL	Solid	Benzo(a)pyrene		4,800.000	D 380	2100	ug/Kg
P5333-11DL	E2913DL	Solid	Benzo(b)fluoranthene		7,400.000	D 460	2100	ug/Kg
P5333-11DL	E2913DL	Solid	Benzo(g,h,i)perylene		3,000.000	D 390	2100	ug/Kg
P5333-11DL	E2913DL	Solid	Benzo(k)fluoranthene		2,400.000	D 470	2100	ug/Kg
P5333-11DL	E2913DL	Solid	Carbazole		2,500.000	JD 420	4100	ug/Kg
P5333-11DL	E2913DL	Solid	Chrysene		6,300.000	D 300	2100	ug/Kg
P5333-11DL	E2913DL	Solid	Dibenzo(a,h)anthracene		930.000	JD 320	2100	ug/Kg
P5333-11DL	E2913DL	Solid	Dibenzofuran		1,900.000	JD 330	2100	ug/Kg
P5333-11DL	E2913DL	Solid	Fluoranthene		17,000.000	D 230	2100	ug/Kg
P5333-11DL	E2913DL	Solid	Fluorene		1,800.000	JD 330	2100	ug/Kg
P5333-11DL	E2913DL	Solid	Indeno(1,2,3-cd)pyrene		2,600.000	D 340	2100	ug/Kg
P5333-11DL	E2913DL	Solid	Naphthalene		1,000.000	JD 300	2100	ug/Kg
P5333-11DL	E2913DL	Solid	Phenanthrene		20,000.000	D 330	2100	ug/Kg
P5333-11DL	E2913DL	Solid	Pyrene		13,000.000	D 220	2100	ug/Kg
Total Svoc :				97,730.00				
Total Concentration:				120,550.00				
Client ID :	SVOC-GPC2-BLANK							
P5369-10	SVOC-GPC2-BLANK	Solid	Total Alkanes	*	0.000	78	510	ug/Kg
Total Tics :				0.00				



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

Hit Summary Sheet
SW-846

SDG No.: BG122624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			0.00		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG121124 SAS No.: BG121124 SDG No.: BG121124

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

Calibration Time(s): 13:23

LAB FILE ID:	RRFAL1 = BG063651.D			RRFAL2 = BG063652.D		RRFAL3 = BG063653.D		
	RRFAL4 = BG063654.D			RRFAL5 = BG063655.D		RRFAL6 = BG063656.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.567	0.593	0.689	0.576	0.596		0.604	8.1
Benzaldehyde		1.337	1.446	1.195	0.907	0.764	1.130	25.4
Pyridine		1.604	1.815	1.707	1.876	1.620	1.724	6.9
Hexachloroethane	0.587	0.609	0.627	0.590	0.553		0.593	4.7
Nitrobenzene	0.424	0.448	0.521	0.504	0.488		0.477	8.4
Isophorone	0.875	0.868	0.989	0.918	0.853		0.901	6.1
2-Nitrophenol	0.139	0.151	0.183	0.180	0.170		0.165	11.6
2,4-Dimethylphenol	0.352	0.361	0.404	0.384	0.365		0.373	5.5
Bis(2-Chloroethoxy)methane	0.467	0.476	0.531	0.494	0.469		0.487	5.5
2,4-Dichlorophenol	0.269	0.299	0.342	0.319	0.311		0.308	8.7
Naphthalene	0.957	1.007	1.105	1.008	0.923		1.000	6.9
4-Chloroaniline		0.347	0.423	0.390	0.372	0.341	0.374	9.0
Hexachlorobutadiene	0.234	0.242	0.271	0.253	0.250		0.250	5.5
Phenol		1.813	2.129	2.027	1.934	1.913	1.963	6.1
Caprolactam		0.099	0.119	0.110	0.101	0.104	0.106	7.7
4-Chloro-3-methylphenol	0.342	0.349	0.383	0.376	0.358		0.362	4.8
1-Methylnaphthalene	0.708	0.740	0.797	0.745	0.671		0.732	6.4
2-Methylnaphthalene	0.729	0.703	0.783	0.716	0.662		0.719	6.1
Hexachlorocyclopentadiene		0.151	0.230	0.265	0.297	0.322	0.253	26.4
2,4,6-Trichlorophenol	0.328	0.348	0.392	0.373	0.368		0.362	6.8
2,4,5-Trichlorophenol	0.345	0.352	0.398	0.410	0.384		0.378	7.5
1,1-Biphenyl	1.269	1.316	1.449	1.343	1.217		1.319	6.6
2-Chloronaphthalene	1.014	1.040	1.167	1.084	0.992		1.059	6.5
2-Nitroaniline	0.306	0.319	0.371	0.391	0.387		0.355	11.1
Bis(2-Chloroethyl)ether		1.454	1.662	1.509	1.473	1.413	1.502	6.4
Dimethylphthalate	1.341	1.334	1.504	1.396	1.245		1.364	7.0
2,6-Dinitrotoluene	0.217	0.238	0.277	0.269	0.265		0.253	9.9
Acenaphthylene	1.652	1.643	1.868	1.677	1.477		1.663	8.3
3-Nitroaniline		0.221	0.250	0.240	0.228	0.232	0.234	4.7
Acenaphthene	1.155	1.191	1.295	1.175	1.079		1.179	6.6
2,4-Dinitrophenol		0.074	0.104	0.128	0.162	0.179	0.129	32.8
4-Nitrophenol		0.151	0.194	0.213	0.216	0.228	0.200	15.0
Dibenzofuran	1.605	1.682	1.847	1.695	1.482		1.662	8.0
2,4-Dinitrotoluene	0.334	0.346	0.411	0.406	0.384		0.376	9.3
Diethylphthalate	1.290	1.289	1.462	1.338	1.214		1.319	7.0
2-Chlorophenol	0.995	1.193	1.372	1.249	1.227		1.207	11.3

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG121124 SAS No.: BG121124 SDG No.: BG121124

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

Calibration Time(s): 13:23

LAB FILE ID:		RRFAL1 = BG063651.D		RRFAL2 = BG063652.D		RRFAL3 = BG063653.D		
		RRFAL4 = BG063654.D		RRFAL5 = BG063655.D		RRFAL6 = BG063656.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.338	1.354	1.472	1.310	1.163		1.327	8.3
4-Chlorophenyl-phenylether	0.737	0.741	0.814	0.743	0.663		0.739	7.2
4-Nitroaniline		0.208	0.267	0.248	0.224	0.226	0.234	9.8
4,6-Dinitro-2-methylphenol		0.087	0.106	0.112	0.115	0.115	0.107	11.1
N-Nitrosodiphenylamine	0.451	0.488	0.533	0.486	0.463		0.484	6.5
1,2,4,5-Tetrachlorobenzene	0.604	0.627	0.694	0.654	0.623		0.640	5.4
4-Bromophenyl-phenylether	0.187	0.198	0.227	0.207	0.200		0.204	7.4
Hexachlorobenzene	0.223	0.230	0.249	0.221	0.219		0.228	5.4
Atrazine		0.201	0.225	0.213	0.199	0.186	0.205	7.2
Pentachlorophenol		0.071	0.090	0.097	0.108	0.115	0.096	17.8
2-Methylphenol		1.316	1.568	1.465	1.384	1.361	1.419	7.0
Phenanthrene	0.964	0.985	1.066	0.970	0.834		0.964	8.6
Pentachlorobenzene	0.247	0.261	0.288	0.266	0.260		0.264	5.7
Anthracene	0.958	0.994	1.104	0.987	0.835		0.975	9.9
1,2,3,4-Tetrachlorobenzene	0.235	0.264	0.293	0.271	0.271		0.267	7.8
Carbazole		0.822	0.925	0.848	0.754	0.599	0.790	15.6
Di-n-butylphthalate	0.957	0.964	1.072	0.956	0.820		0.954	9.4
Fluoranthene	1.179	1.254	1.324	1.190	0.967		1.183	11.3
Pyrene	1.265	1.339	1.449	1.252	0.987		1.259	13.6
Butylbenzylphthalate	0.382	0.370	0.415	0.390	0.375		0.386	4.5
3,3-Dichlorobenzidine		0.365	0.405	0.371	0.355	0.309	0.361	9.6
2,2-oxybis(1-Chloropropane)		2.203	2.500	2.268	2.137	2.040	2.230	7.8
Benzo(a)anthracene	1.254	1.274	1.415	1.251	1.073		1.253	9.7
Chrysene	1.228	1.201	1.351	1.189	1.004		1.195	10.4
Bis(2-ethylhexyl)phthalate	0.563	0.550	0.617	0.559	0.521		0.562	6.3
Di-n-octyl phthalate		0.914	0.987	0.912	0.826	0.677	0.863	13.8
Benzo(b)fluoranthene	1.064	1.121	1.270	1.150	1.079		1.137	7.2
Benzo(k)fluoranthene	1.090	1.149	1.279	1.148	1.003		1.134	8.9
Benzo(a)pyrene	0.989	1.046	1.199	1.094	1.007		1.067	7.9
Indeno(1,2,3-cd)pyrene	1.193	1.272	1.436	1.325	1.290		1.303	6.8
Dibenzo(a,h)anthracene	0.930	1.020	1.169	1.066	1.028		1.043	8.3
Benzo(g,h,i)perylene	0.977	1.012	1.133	1.041	1.007		1.034	5.8
Acetophenone		2.390	2.742	2.504	2.332	2.160	2.426	8.9
2,3,4,6-Tetrachlorophenol	0.275	0.320	0.346	0.348	0.339		0.326	9.2
1,4-Dioxane-d8	0.446	0.484	0.598	0.481	0.543		0.510	11.8
Pyridine-d5		1.381	1.735	1.588	1.794	1.553	1.610	10.1

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.: BG121124 SAS No.: BG121124 SDG No.: BG121124
Instrument ID: _____ Calibration Date(s): 12/11/2024 _____
Calibration Time(s): 13:23 _____

LAB FILE ID:		RRFAL1 = BG063651.D			RRFAL2 = BG063652.D		RRFAL3 = BG063653.D	
		RRFAL4 = BG063654.D			RRFAL5 = BG063655.D		RRFAL6 = BG063656.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.679	2.009	1.888	1.812	1.823	1.842	6.5
Bis-(2-Chloroethyl)ether-d8		1.201	1.404	1.260	1.261	1.236	1.272	6.1
2-Chlorophenol-d4	1.063	1.162	1.331	1.232	1.175		1.193	8.2
4-Methylphenol-d8		1.365	1.553	1.475	1.372	1.386	1.430	5.7
Nitrobenzene-d5	0.125	0.139	0.153	0.149	0.148		0.143	7.7
2-Nitrophenol-d4	0.149	0.145	0.169	0.171	0.168		0.160	7.6
2,4-Dichlorophenol-d3	0.275	0.296	0.343	0.324	0.312		0.310	8.4
4-Chloroaniline-d4		0.377	0.422	0.414	0.391	0.364	0.394	6.2
4-Methylphenol		1.415	1.728	1.625	1.514	1.482	1.553	8.0
Dimethylphthalate-d6	1.331	1.366	1.489	1.367	1.251		1.361	6.3
Acenaphthylene-d8	1.521	1.520	1.726	1.572	1.418		1.551	7.2
4-Nitrophenol-d4		0.145	0.195	0.204	0.207	0.213	0.193	14.4
Fluorene-d10	1.172	1.190	1.335	1.215	1.104		1.203	7.0
4,6-Dinitro-2-methylphenol		0.088	0.099	0.107	0.111	0.113	0.104	9.9
Anthracene-d10	0.869	0.871	0.938	0.848	0.773		0.860	6.9
Pyrene-d10	1.011	1.102	1.159	1.044	0.887		1.041	9.9
Benzo(a)pyrene-d12	0.866	0.913	1.046	0.956	0.916		0.939	7.2
N-Nitroso-di-n-propylamine	1.342	1.371	1.614	1.522	1.388		1.447	8.0

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.: BG122624 SAS No.: BG122624 SDG NO.: BG122624

EPA Sample No.: SSTD020433

Date Analyzed: Dec 26 2024 12:00AM

Lab File ID: BG063653.D

Time Analyzed: 13:51

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	134078	7.812	591107	10.60	436199	14.45
	UPPER LIMIT	268156	8.312	1182214	11.103	872398	14.951
	LOWER LIMIT	67039	7.312	295553.5	10.103	218099.5	13.951
	EPA SAMPLE NO.						
01	SBLK796	63194 *	7.79	269762 *	10.58	222255	14.44
02	E2911	69154	7.79	320327	10.58	264239	14.44
03	E2913DL	73820	7.79	317429	10.59	262792	14.44
04	E2AQ1	68676	7.80	286922 *	10.58	240206	14.44
05	E2AQ1MS	75625	7.80	314172	10.59	262811	14.44
06	E2AQ1MSD	70917	7.79	293158 *	10.58	233884	14.44
07	YE5X5	83151	7.79	342077	10.59	272239	14.44
08	YE5X7	86834	7.79	346449	10.59	268693	14.44
09	YE5Y1	89056	7.80	364024	10.59	282085	14.44
10	YE5X6	79068	7.80	329794	10.59	269352	14.44
11	YE5X6MS	90682	7.80	384445	10.59	300890	14.44
12	YE5X6MSD	88327	7.80	382146	10.59	311186	14.44
13	SBLK796	91825	7.80	349895	10.59	269716	14.44
14	SVOC-GPC2-BLANK	86844	7.80	337696	10.59	267806	14.44
15	YE5X8	92033	7.80	370535	10.59	293182	14.44
16	YE5X9	85455	7.79	355564	10.59	273059	14.44
17	YE5Z7	85194	7.80	343268	10.58	270082	14.44
18	YE695	97971	7.79	402559	10.59	299337	14.44
19	YE5Z8	81724	7.80	339683	10.59	257159	14.44
20	YE5Z9	80011	7.80	334554	10.59	250955	14.44
21	YE600	95338	7.80	365756	10.59	276152	14.44
22	YE601	93280	7.80	382199	10.59	281464	14.44
23	YE630	98050	7.79	402891	10.59	299700	14.44

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG122624 SAS No.: BG122624 SDG NO.: BG122624

EPA Sample No.: SSTD020433 Date Analyzed: Dec 27 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 05:32

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	134078	7.812	591107	10.60	436199	14.45
UPPER LIMIT	268156	8.312	1182214	11.103	872398	14.951
LOWER LIMIT	67039	7.312	295553.5	10.103	218099.5	13.951
EPA SAMPLE NO.						
24 YE631	109468	7.80	438077	10.58	311459	14.44
25 YE635	97733	7.80	404336	10.59	299136	14.44
26 SLCS796	88956	7.79	360262	10.58	264685	14.44

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.: BG122624 SAS No.: BG122624 SDG NO.: BG122624

EPA Sample No.: SSTD020583 Date Analyzed: Dec 26 2024 12:00AM

Lab File ID: BG063832.D Time Analyzed: 13:51

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	69613	7.794	295678	10.58	235219	14.44
UPPER LIMIT	139226	8.294	591356	11.084	470438	14.939
LOWER LIMIT	34806.5	7.294	147839	10.084	117609.5	13.939
EPA SAMPLE NO.						
01 SBLK796	63194	7.79	269762	10.58	222255	14.44
02 E2911	69154	7.79	320327	10.58	264239	14.44
03 E2913DL	73820	7.79	317429	10.59	262792	14.44
04 E2AQ1	68676	7.80	286922	10.58	240206	14.44
05 E2AQ1MS	75625	7.80	314172	10.59	262811	14.44
06 E2AQ1MSD	70917	7.79	293158	10.58	233884	14.44
07 YE5X5	83151	7.79	342077	10.59	272239	14.44
08 YE5X7	86834	7.79	346449	10.59	268693	14.44
09 YE5Y1	89056	7.80	364024	10.59	282085	14.44
10 YE5X6	79068	7.80	329794	10.59	269352	14.44
11 YE5X6MS	90682	7.80	384445	10.59	300890	14.44
12 YE5X6MSD	88327	7.80	382146	10.59	311186	14.44

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.: BG122624 SAS No.: BG122624 SDG NO.: BG122624

EPA Sample No.: SSTD020584 Date Analyzed: Dec 26 2024 12:00AM

Lab File ID: BG063845.D Time Analyzed: 22:40

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	88227	7.798	358736	10.59	277241	14.44
UPPER LIMIT	176454	8.298	717472	11.088	554482	14.937
LOWER LIMIT	44113.5	7.298	179368	10.088	138620.5	13.937
EPA SAMPLE NO.						
01 SBLK796	91825	7.80	349895	10.59	269716	14.44
02 SVOC-GPC2-BLANK	86844	7.80	337696	10.59	267806	14.44
03 YE5X8	92033	7.80	370535	10.59	293182	14.44
04 YE5X9	85455	7.79	355564	10.59	273059	14.44
05 YE5Z7	85194	7.80	343268	10.58	270082	14.44
06 YE695	97971	7.79	402559	10.59	299337	14.44
07 YE5Z8	81724	7.80	339683	10.59	257159	14.44
08 YE5Z9	80011	7.80	334554	10.59	250955	14.44
09 YE600	95338	7.80	365756	10.59	276152	14.44
10 YE601	93280	7.80	382199	10.59	281464	14.44
11 YE630	98050	7.79	402891	10.59	299700	14.44
12 YE631	109468	7.80	438077	10.58	311459	14.44
13 YE635	97733	7.80	404336	10.59	299136	14.44
14 SLCS796	88956	7.79	360262	10.58	264685	14.44

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.: BG122624 SAS No.: BG122624 SDG NO.: BG122624

EPA Sample No.: SSTD020433 Date Analyzed: Dec 26 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 13:51

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	1.04718e+01	17.207	1.05243e+	21.461	1.14487e+01	24.481
	UPPER LIMIT	2094360	17.707	2104860	21.961	2289740	24.981
	LOWER LIMIT	523590	16.707	526215	20.961	572435	23.981
	EPA SAMPLE NO.						
01	SBLK796	632230	17.19	726709	21.44	764189	24.46
02	E2911	614715	17.19	610610	21.44	648024	24.46
03	E2913DL	663269	17.20	692813	21.44	729566	24.46
04	E2AQ1	602292	17.19	628827	21.44	668303	24.46
05	E2AQ1MS	624970	17.20	647053	21.44	673395	24.46
06	E2AQ1MSD	574757	17.19	577534	21.44	617721	24.46
07	YE5X5	705515	17.20	751708	21.44	789627	24.46
08	YE5X7	704497	17.19	764289	21.44	825786	24.46
09	YE5Y1	692673	17.19	713790	21.44	772812	24.46
10	YE5X6	682420	17.19	750381	21.44	795484	24.46
11	YE5X6MS	739675	17.19	767258	21.44	815567	24.46
12	YE5X6MSD	749700	17.20	782487	21.44	825859	24.46
13	SBLK796	715918	17.19	801164	21.44	842856	24.46
14	SVOC-GPC2-BLANK	697595	17.19	743341	21.45	785943	24.47
15	YE5X8	709198	17.19	759273	21.44	812180	24.46
16	YE5X9	670025	17.20	721976	21.44	772738	24.46
17	YE5Z7	678580	17.19	746574	21.44	798773	24.46
18	YE695	715439	17.20	770710	21.44	838769	24.46
19	YE5Z8	635024	17.19	735342	21.44	788122	24.46
20	YE5Z9	636034	17.20	719164	21.44	771099	24.46
21	YE600	683858	17.19	737534	21.44	800277	24.46

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG122624 SAS No.: BG122624 SDG NO.: BG122624

EPA Sample No.: SSTD020433 Date Analyzed: Dec 27 2024 12:00AM

Lab File ID: BG063653.D Time Analyzed: 04:17

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	1.04718e+01	17.207	1.05243e+01	21.461	1.14487e+01	24.481
UPPER LIMIT	2094360	17.707	2104860	21.961	2289740	24.981
LOWER LIMIT	523590	16.707	526215	20.961	572435	23.981
EPA SAMPLE NO.						
22 YE601	713603	17.19	766135	21.45	805232	24.46
23 YE630	723032	17.20	767525	21.44	829226	24.46
24 YE631	717100	17.19	741071	21.45	793573	24.47
25 YE635	729066	17.19	763368	21.45	803287	24.47
26 SLCS796	692972	17.19	768717	21.45	805221	24.47

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.: BG122624 SAS No.: BG122624 SDG NO.: BG122624

EPA Sample No.: SSTD020583 Date Analyzed: Dec 26 2024 12:00AM

Lab File ID: BG063832.D Time Analyzed: 13:51

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	590054	17.188	638728	21.442	690224	24.456
UPPER LIMIT	1180108	17.688	1277456	21.942	1380448	24.956
LOWER LIMIT	295027	16.688	319364	20.942	345112	23.956
EPA SAMPLE NO.						
01 SBLK796	632230	17.19	726709	21.44	764189	24.46
02 E2911	614715	17.19	610610	21.44	648024	24.46
03 E2913DL	663269	17.20	692813	21.44	729566	24.46
04 E2AQ1	602292	17.19	628827	21.44	668303	24.46
05 E2AQ1MS	624970	17.20	647053	21.44	673395	24.46
06 E2AQ1MSD	574757	17.19	577534	21.44	617721	24.46
07 YE5X5	705515	17.20	751708	21.44	789627	24.46
08 YE5X7	704497	17.19	764289	21.44	825786	24.46
09 YE5Y1	692673	17.19	713790	21.44	772812	24.46
10 YE5X6	682420	17.19	750381	21.44	795484	24.46
11 YE5X6MS	739675	17.19	767258	21.44	815567	24.46
12 YE5X6MSD	749700	17.20	782487	21.44	825859	24.46

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.: BG122624 SAS No.: BG122624 SDG NO.: BG122624

EPA Sample No.: SSTD020584 Date Analyzed: Dec 26 2024 12:00AM

Lab File ID: BG063845.D Time Analyzed: 22:40

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	683480	17.192	711419	21.44	747668	24.46
UPPER LIMIT	1366960	17.692	1422838	21.94	1495336	24.96
LOWER LIMIT	341740	16.692	355709.5	20.94	373834	23.96
EPA SAMPLE NO.						
01 SBLK796	715918	17.19	801164	21.44	842856	24.46
02 SVOC-GPC2-BLANK	697595	17.19	743341	21.45	785943	24.47
03 YE5X8	709198	17.19	759273	21.44	812180	24.46
04 YE5X9	670025	17.20	721976	21.44	772738	24.46
05 YE5Z7	678580	17.19	746574	21.44	798773	24.46
06 YE695	715439	17.20	770710	21.44	838769	24.46
07 YE5Z8	635024	17.19	735342	21.44	788122	24.46
08 YE5Z9	636034	17.20	719164	21.44	771099	24.46
09 YE600	683858	17.19	737534	21.44	800277	24.46
10 YE601	713603	17.19	766135	21.45	805232	24.46
11 YE630	723032	17.20	767525	21.44	829226	24.46
12 YE631	717100	17.19	741071	21.45	793573	24.47
13 YE635	729066	17.19	763368	21.45	803287	24.47
14 SLCS796	692972	17.19	768717	21.45	805221	24.47

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.: BG122624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165796BS	1,4-Dioxane	530	340	ug/Kg	64				0	0		
	Benzaldehyde	1300	120	ug/Kg	9				0	0		
	Pyridine	1300	960	ug/Kg	74				0	0		
	Phenol	1300	940	ug/Kg	72				0	0		
	Bis(2-chloroethyl)ether	1300	820	ug/Kg	63				0	0		
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0		
	2-Methylphenol	1300	920	ug/Kg	71				0	0		
	2,2-oxybis(1-Chloropropane)	1300	860	ug/Kg	66				0	0		
	Acetophenone	1300	840	ug/Kg	65				0	0		
	4-Methylphenol	1300	940	ug/Kg	72				0	0		
	N-Nitroso-di-n-propylamine	1300	800	ug/Kg	62				0	0		
	Hexachloroethane	1300	810	ug/Kg	62				0	0		
	Nitrobenzene	1300	920	ug/Kg	71				0	0		
	Isophorone	1300	870	ug/Kg	67				0	0		
	2-Nitrophenol	1300	950	ug/Kg	73				0	0		
	2,4-Dimethylphenol	1300	980	ug/Kg	75				0	0		
	Bis(2-chloroethoxy)methane	1300	880	ug/Kg	68				0	0		
	2,4-Dichlorophenol	1300	1000	ug/Kg	77				0	0		
	Naphthalene	1300	930	ug/Kg	72				0	0		
	4-Chloroaniline	1300	620	ug/Kg	48				0	0		
	Hexachlorobutadiene	1300	840	ug/Kg	65				0	0		
	Caprolactam	1300	1100	ug/Kg	85				0	0		
	4-Chloro-3-methylphenol	1300	1000	ug/Kg	77				0	0		
	1-Methylnaphthalene	1300	910	ug/Kg	70				0	0		
	2-Methylnaphthalene	1300	900	ug/Kg	69				0	0		
	Hexachlorocyclopentadiene	1300	300	ug/Kg	23				0	0		
	2,4,6-Trichlorophenol	1300	1000	ug/Kg	77				0	0		
	2,4,5-Trichlorophenol	1300	1100	ug/Kg	85				0	0		
	1,1'-Biphenyl	1300	930	ug/Kg	72				0	0		
	2-Chloronaphthalene	1300	940	ug/Kg	72				0	0		
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Dimethylphthalate	1300	980	ug/Kg	75				0	0		
	2,6-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Acenaphthylene	1300	960	ug/Kg	74				0	0		
	3-Nitroaniline	1300	1200	ug/Kg	92				0	0		
	Acenaphthene	1300	970	ug/Kg	75				0	0		
	2,4-Dinitrophenol	1300	260	ug/Kg	20				0	0		
	4-Nitrophenol	1300	720	ug/Kg	55				0	0		
	Dibenzofuran	1300	1000	ug/Kg	77				0	0		
	2,4-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Diethylphthalate	1300	1000	ug/Kg	77				0	0		
	Fluorene	1300	1000	ug/Kg	77				0	0		
	4-Chlorophenyl-phenylether	1300	920	ug/Kg	71				0	0		
	4-Nitroaniline	1300	1300	ug/Kg	100				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG122624

Client: _____

Analytical Method: SFAM_SVOC DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165796BS	4,6-Dinitro-2-methylphenol	1300	370	ug/Kg	28				0	0	
	N-Nitrosodiphenylamine	1300	940	ug/Kg	72				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	850	ug/Kg	65				0	0	
	4-Bromophenyl-phenylether	1300	900	ug/Kg	69				0	0	
	Hexachlorobenzene	1300	900	ug/Kg	69				0	0	
	Atrazine	1300	930	ug/Kg	72				0	0	
	Pentachlorophenol	1300	520	ug/Kg	40				0	0	
	Phenanthrene	1300	1000	ug/Kg	77				0	0	
	Pentachlorobenzene	1300	840	ug/Kg	65				0	0	
	Anthracene	1300	1000	ug/Kg	77				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	790	ug/Kg	61				0	0	
	Carbazole	1300	1100	ug/Kg	85				0	0	
	Di-n-butylphthalate	1300	1000	ug/Kg	77				0	0	
	Fluoranthene	1300	930	ug/Kg	72				0	0	
	Pyrene	1300	940	ug/Kg	72				0	0	
	Butylbenzylphthalate	1300	1100	ug/Kg	85				0	0	
	3,3'-Dichlorobenzidine	1300	840	ug/Kg	65				0	0	
	Benzo(a)anthracene	1300	930	ug/Kg	72				0	0	
	Chrysene	1300	920	ug/Kg	71				0	0	
	Bis(2-ethylhexyl)phthalate	1300	1100	ug/Kg	85				0	0	
	Di-n-octylphthalate	1300	1200	ug/Kg	92				0	0	
	Benzo(b)fluoranthene	1300	970	ug/Kg	75				0	0	
	Benzo(k)fluoranthene	1300	970	ug/Kg	75				0	0	
	Benzo(a)pyrene	1300	960	ug/Kg	74				0	0	
	Indeno(1,2,3-cd)pyrene	1300	980	ug/Kg	75				0	0	
	Dibenzo(a,h)anthracene	1300	1000	ug/Kg	77				0	0	
	Benzo(g,h,i)perylene	1300	950	ug/Kg	73				0	0	
	2,3,4,6-Tetrachlorophenol	1300	1000	ug/Kg	77				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E2AQ1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG122624

SAS No.: BG122624 SDG NO.: BG122624

Lab File ID: BG063836.D

Lab Sample ID: P5331-01

Instrument ID: BNA_G

Date Extracted: 12/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/26/2024

Level: (low/med) LOW

Time Analyzed: 15:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2AQ1	P5331-01	BG063836.D	12/26/2024
E2AQ1MS	P5331-02MS	BG063837.D	12/26/2024
E2AQ1MSD	P5331-03MSD	BG063838.D	12/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E2911

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG122624

SAS No.: BG122624 SDG NO.: BG122624

Lab File ID: BG063834.D

Lab Sample ID: P5333-08

Instrument ID: BNA_G

Date Extracted: 12/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/26/2024

Level: (low/med) LOW

Time Analyzed: 14:31

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2911	P5333-08	BG063834.D	12/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK796

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG122624

SAS No.: BG122624 SDG NO.: BG122624

Lab File ID: BG063833.D

Lab Sample ID: PB165796BL

Instrument ID: BNA_G

Date Extracted: 12/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/26/2024

Level: (low/med) LOW

Time Analyzed: 13:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YE5X5	P5324-01	BG063839.D	12/26/2024
YE5X7	P5324-02	BG063840.D	12/26/2024
YE5Y1	P5324-03	BG063841.D	12/26/2024
YE5X6	P5324-04	BG063842.D	12/26/2024
YE5X6MS	P5324-05MS	BG063843.D	12/26/2024
YE5X6MSD	P5324-06MSD	BG063844.D	12/26/2024
YE5X8	P5324-07	BG063848.D	12/26/2024
YE5X9	P5324-08	BG063849.D	12/27/2024
YE5Z7	P5324-09	BG063850.D	12/27/2024
YE695	P5324-10	BG063851.D	12/27/2024
YE5Z8	P5324-11	BG063852.D	12/27/2024
YE5Z9	P5324-12	BG063853.D	12/27/2024
YE600	P5324-13	BG063854.D	12/27/2024
YE601	P5324-14	BG063855.D	12/27/2024
YE630	P5324-15	BG063856.D	12/27/2024
YE631	P5324-16	BG063857.D	12/27/2024
YE635	P5324-17	BG063858.D	12/27/2024
PB165796BS	PB165796BS	BG063859.D	12/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG122624

SAS No.: BG122624 SDG NO.: BG122624

Lab File ID: BG063847.D

Lab Sample ID: P5369-10

Instrument ID: BNA_G

Date Extracted: 12/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/26/2024

Level: (low/med) LOW

Time Analyzed: 23:18

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	P5369-10	BG063847.D	12/26/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5331-02MS	Client Sample ID:	E2AQ1MS				DataFile:	BG063837.D			
1,4-Dioxane	600		540	ug/Kg	90				15	120	
Benzaldehyde	1500		210	ug/Kg	14				0	0	
Pyridine	1500		1400	ug/Kg	93				0	0	
Phenol	1500	41	1500	ug/Kg	97	*			26	90	
Bis(2-chloroethyl)ether	1500		1300	ug/Kg	87				0	0	
2-Chlorophenol	1500		1400	ug/Kg	93				25	102	
2-Methylphenol	1500		1400	ug/Kg	93				0	0	
2,2-oxybis(1-Chloropropane)	1500		1300	ug/Kg	87				0	0	
Acetophenone	1500		1400	ug/Kg	93				0	0	
4-Methylphenol	1500		1500	ug/Kg	100				0	0	
N-Nitroso-di-n-propylamine	1500		1300	ug/Kg	87				41	126	
Hexachloroethane	1500		1300	ug/Kg	87				0	0	
Nitrobenzene	1500		1400	ug/Kg	93				0	0	
Isophorone	1500		1500	ug/Kg	100				0	0	
2-Nitrophenol	1500		1600	ug/Kg	107				0	0	
2,4-Dimethylphenol	1500		1600	ug/Kg	107				0	0	
Bis(2-chloroethoxy)methane	1500		1500	ug/Kg	100				0	0	
2,4-Dichlorophenol	1500		1600	ug/Kg	107				0	0	
Naphthalene	1500		1500	ug/Kg	100				0	0	
4-Chloroaniline	1500		960	ug/Kg	64				0	0	
Hexachlorobutadiene	1500		1300	ug/Kg	87				0	0	
Caprolactam	1500		1800	ug/Kg	120				0	0	
4-Chloro-3-methylphenol	1500		1700	ug/Kg	113	*			26	103	
1-Methylnaphthalene	1500		1500	ug/Kg	100				0	0	
2-Methylnaphthalene	1500		1500	ug/Kg	100				0	0	
Hexachlorocyclopentadiene	1500		610	ug/Kg	41				0	0	
2,4,6-Trichlorophenol	1500		1500	ug/Kg	100				0	0	
2,4,5-Trichlorophenol	1500		1500	ug/Kg	100				0	0	
1,1'-Biphenyl	1500		1400	ug/Kg	93				0	0	
2-Chloronaphthalene	1500		1400	ug/Kg	93				0	0	
2-Nitroaniline	1500		1600	ug/Kg	107				0	0	
Dimethylphthalate	1500		1500	ug/Kg	100				0	0	
2,6-Dinitrotoluene	1500		1600	ug/Kg	107				0	0	
Acenaphthylene	1500		1500	ug/Kg	100				0	0	
3-Nitroaniline	1500		1800	ug/Kg	120				0	0	
Acenaphthene	1500		1500	ug/Kg	100				31	137	
2,4-Dinitrophenol	1500		1500	ug/Kg	100				0	0	
4-Nitrophenol	1500		1500	ug/Kg	100				11	114	
Dibenzofuran	1500		1500	ug/Kg	100				0	0	
2,4-Dinitrotoluene	1500		1700	ug/Kg	113	*			28	89	
Diethylphthalate	1500		1500	ug/Kg	100				0	0	
Fluorene	1500		1500	ug/Kg	100				0	0	
4-Chlorophenyl-phenylether	1500		1500	ug/Kg	100				0	0	
4-Nitroaniline	1500		2000	ug/Kg	133				0	0	
4,6-Dinitro-2-methylphenol	1500		1600	ug/Kg	107				0	0	
N-Nitrosodiphenylamine	1500		1600	ug/Kg	107				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1500		1300	ug/Kg	87				0	0	
4-Bromophenyl-phenylether	1500		1500	ug/Kg	100				0	0	
Hexachlorobenzene	1500		1500	ug/Kg	100				0	0	
Atrazine	1500		1500	ug/Kg	100				0	0	
Pentachlorophenol	1500		1300	ug/Kg	87				17	109	
Phenanthrene	1500		1600	ug/Kg	107				0	0	
Pentachlorobenzene	1500		1400	ug/Kg	93				0	0	
Anthracene	1500		1600	ug/Kg	107				0	0	
1,2,3,4-Tetrachlorobenzene	1500		1300	ug/Kg	87				0	0	
Carbazole	1500		1800	ug/Kg	120				0	0	
Di-n-butylphthalate	1500		1700	ug/Kg	113				0	0	
Fluoranthene	1500		1500	ug/Kg	100				0	0	
Pyrene	1500		1500	ug/Kg	100				35	142	
Butylbenzylphthalate	1500		1700	ug/Kg	113				0	0	
3,3'-Dichlorobenzidine	1500		1300	ug/Kg	87				0	0	
Benzo(a)anthracene	1500		1500	ug/Kg	100				0	0	
Chrysene	1500		1500	ug/Kg	100				0	0	
Bis(2-ethylhexyl)phthalate	1500		1700	ug/Kg	113				0	0	
Di-n-octylphthalate	1500		1900	ug/Kg	127				0	0	
Benzo(b)fluoranthene	1500		1500	ug/Kg	100				0	0	
Benzo(k)fluoranthene	1500		1600	ug/Kg	107				0	0	
Benzo(a)pyrene	1500		1600	ug/Kg	107				0	0	
Indeno(1,2,3-cd)pyrene	1500		1600	ug/Kg	107				0	0	
Dibenzo(a,h)anthracene	1500		1600	ug/Kg	107				0	0	
Benzo(g,h,i)perylene	1500		1600	ug/Kg	107				0	0	
2,3,4,6-Tetrachlorophenol	1500		1500	ug/Kg	100				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5331-03MSD	Client Sample ID:	E2AQ1MSD					DataFile:	BG063838.D		
1,4-Dioxane	600		640	ug/Kg	107		17		15	120	50
Benzaldehyde	1500		210	ug/Kg	14		0		0	0	0
Pyridine	1500		1600	ug/Kg	107		14	*	0	0	0
Phenol	1500	41	1600	ug/Kg	104	*	7		26	90	35
Bis(2-chloroethyl)ether	1500		1400	ug/Kg	93		7	*	0	0	0
2-Chlorophenol	1500		1600	ug/Kg	107	*	14		25	102	50
2-Methylphenol	1500		1600	ug/Kg	107		14	*	0	0	0
2,2-oxybis(1-Chloropropane)	1500		1500	ug/Kg	100		14	*	0	0	0
Acetophenone	1500		1500	ug/Kg	100		7	*	0	0	0
4-Methylphenol	1500		1700	ug/Kg	113		12	*	0	0	0
N-Nitroso-di-n-propylamine	1500		1500	ug/Kg	100		14		41	126	38
Hexachloroethane	1500		1400	ug/Kg	93		7	*	0	0	0
Nitrobenzene	1500		1700	ug/Kg	113		19	*	0	0	0
Isophorone	1500		1600	ug/Kg	107		7	*	0	0	0
2-Nitrophenol	1500		1800	ug/Kg	120		11	*	0	0	0
2,4-Dimethylphenol	1500		1700	ug/Kg	113		5	*	0	0	0
Bis(2-chloroethoxy)methane	1500		1600	ug/Kg	107		7	*	0	0	0
2,4-Dichlorophenol	1500		1800	ug/Kg	120		11	*	0	0	0
Naphthalene	1500		1600	ug/Kg	107		7	*	0	0	0
4-Chloroaniline	1500		1100	ug/Kg	73		13	*	0	0	0
Hexachlorobutadiene	1500		1400	ug/Kg	93		7	*	0	0	0
Caprolactam	1500		1900	ug/Kg	127		6	*	0	0	0
4-Chloro-3-methylphenol	1500		1800	ug/Kg	120	*	6		26	103	33
1-Methylnaphthalene	1500		1700	ug/Kg	113		12	*	0	0	0
2-Methylnaphthalene	1500		1700	ug/Kg	113		12	*	0	0	0
Hexachlorocyclopentadiene	1500		740	ug/Kg	49		18	*	0	0	0
2,4,6-Trichlorophenol	1500		1700	ug/Kg	113		12	*	0	0	0
2,4,5-Trichlorophenol	1500		1800	ug/Kg	120		18	*	0	0	0
1,1'-Biphenyl	1500		1600	ug/Kg	107		14	*	0	0	0
2-Chloronaphthalene	1500		1600	ug/Kg	107		14	*	0	0	0
2-Nitroaniline	1500		1900	ug/Kg	127		17	*	0	0	0
Dimethylphthalate	1500		1700	ug/Kg	113		12	*	0	0	0
2,6-Dinitrotoluene	1500		1900	ug/Kg	127		17	*	0	0	0
Acenaphthylene	1500		1700	ug/Kg	113		12	*	0	0	0
3-Nitroaniline	1500		2000	ug/Kg	133		10	*	0	0	0
Acenaphthene	1500		1700	ug/Kg	113		12		31	137	19
2,4-Dinitrophenol	1500		1800	ug/Kg	120		18	*	0	0	0
4-Nitrophenol	1500		1700	ug/Kg	113		12		11	114	50
Dibenzofuran	1500		1800	ug/Kg	120		18	*	0	0	0
2,4-Dinitrotoluene	1500		2000	ug/Kg	133	*	16		28	89	47
Diethylphthalate	1500		1700	ug/Kg	113		12	*	0	0	0
Fluorene	1500		1800	ug/Kg	120		18	*	0	0	0
4-Chlorophenyl-phenylether	1500		1600	ug/Kg	107		7	*	0	0	0
4-Nitroaniline	1500		2300	ug/Kg	153		14	*	0	0	0
4,6-Dinitro-2-methylphenol	1500		1700	ug/Kg	113		5	*	0	0	0
N-Nitrosodiphenylamine	1500		1700	ug/Kg	113		5	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1500		1400	ug/Kg	93		7	*	0	0	0
4-Bromophenyl-phenylether	1500		1600	ug/Kg	107		7	*	0	0	0
Hexachlorobenzene	1500		1600	ug/Kg	107		7	*	0	0	0
Atrazine	1500		1700	ug/Kg	113		12	*	0	0	0
Pentachlorophenol	1500		1500	ug/Kg	100		14		17	109	47
Phenanthrene	1500		1800	ug/Kg	120		11	*	0	0	0
Pentachlorobenzene	1500		1600	ug/Kg	107		14	*	0	0	0
Anthracene	1500		1800	ug/Kg	120		11	*	0	0	0
1,2,3,4-Tetrachlorobenzene	1500		1400	ug/Kg	93		7	*	0	0	0
Carbazole	1500		1900	ug/Kg	127		6	*	0	0	0
Di-n-butylphthalate	1500		1800	ug/Kg	120		6	*	0	0	0
Fluoranthene	1500		1700	ug/Kg	113		12	*	0	0	0
Pyrene	1500		1700	ug/Kg	113		12		35	142	36
Butylbenzylphthalate	1500		2000	ug/Kg	133		16	*	0	0	0
3,3'-Dichlorobenzidine	1500		1500	ug/Kg	100		14	*	0	0	0
Benzo(a)anthracene	1500		1700	ug/Kg	113		12	*	0	0	0
Chrysene	1500		1700	ug/Kg	113		12	*	0	0	0
Bis(2-ethylhexyl)phthalate	1500		2000	ug/Kg	133		16	*	0	0	0
Di-n-octylphthalate	1500		2100	ug/Kg	140		10	*	0	0	0
Benzo(b)fluoranthene	1500		1700	ug/Kg	113		12	*	0	0	0
Benzo(k)fluoranthene	1500		1700	ug/Kg	113		5	*	0	0	0
Benzo(a)pyrene	1500		1700	ug/Kg	113		5	*	0	0	0
Indeno(1,2,3-cd)pyrene	1500		1800	ug/Kg	120		11	*	0	0	0
Dibenzo(a,h)anthracene	1500		1800	ug/Kg	120		11	*	0	0	0
Benzo(g,h,i)perylene	1500		1800	ug/Kg	120		11	*	0	0	0
2,3,4,6-Tetrachlorophenol	1500		1700	ug/Kg	113		12	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5324-05MS	Client Sample ID:	YE5X6MS				DataFile:	BG063843.D			
1,4-Dioxane	660		510	ug/Kg	77				15	120	
Benzaldehyde	1600		430	ug/Kg	27				0	0	
Pyridine	1600		1300	ug/Kg	81				0	0	
Phenol	1600		1400	ug/Kg	88				26	90	
Bis(2-chloroethyl)ether	1600		1200	ug/Kg	75				0	0	
2-Chlorophenol	1600		1300	ug/Kg	81				25	102	
2-Methylphenol	1600		1400	ug/Kg	88				0	0	
2,2-oxybis(1-Chloropropane)	1600		1200	ug/Kg	75				0	0	
Acetophenone	1600		1300	ug/Kg	81				0	0	
4-Methylphenol	1600		1300	ug/Kg	81				0	0	
N-Nitroso-di-n-propylamine	1600		1200	ug/Kg	75				41	126	
Hexachloroethane	1600		1200	ug/Kg	75				0	0	
Nitrobenzene	1600		1300	ug/Kg	81				0	0	
Isophorone	1600		1300	ug/Kg	81				0	0	
2-Nitrophenol	1600		1400	ug/Kg	88				0	0	
2,4-Dimethylphenol	1600		1400	ug/Kg	88				0	0	
Bis(2-chloroethoxy)methane	1600		1300	ug/Kg	81				0	0	
2,4-Dichlorophenol	1600		1400	ug/Kg	88				0	0	
Naphthalene	1600		1300	ug/Kg	81				0	0	
4-Chloroaniline	1600		890	ug/Kg	56				0	0	
Hexachlorobutadiene	1600		1200	ug/Kg	75				0	0	
Caprolactam	1600		1500	ug/Kg	94				0	0	
4-Chloro-3-methylphenol	1600		1500	ug/Kg	94				26	103	
1-Methylnaphthalene	1600		1300	ug/Kg	81				0	0	
2-Methylnaphthalene	1600		1400	ug/Kg	88				0	0	
Hexachlorocyclopentadiene	1600		600	ug/Kg	38				0	0	
2,4,6-Trichlorophenol	1600		1400	ug/Kg	88				0	0	
2,4,5-Trichlorophenol	1600		1400	ug/Kg	88				0	0	
1,1'-Biphenyl	1600		1300	ug/Kg	81				0	0	
2-Chloronaphthalene	1600		1400	ug/Kg	88				0	0	
2-Nitroaniline	1600		1600	ug/Kg	100				0	0	
Dimethylphthalate	1600		1400	ug/Kg	88				0	0	
2,6-Dinitrotoluene	1600		1500	ug/Kg	94				0	0	
Acenaphthylene	1600		1400	ug/Kg	88				0	0	
3-Nitroaniline	1600		1700	ug/Kg	106				0	0	
Acenaphthene	1600		1400	ug/Kg	88				31	137	
2,4-Dinitrophenol	1600		1400	ug/Kg	88				0	0	
4-Nitrophenol	1600		1300	ug/Kg	81				11	114	
Dibenzofuran	1600		1400	ug/Kg	88				0	0	
2,4-Dinitrotoluene	1600		1600	ug/Kg	100	*			28	89	
Diethylphthalate	1600		1400	ug/Kg	88				0	0	
Fluorene	1600		1400	ug/Kg	88				0	0	
4-Chlorophenyl-phenylether	1600		1400	ug/Kg	88				0	0	
4-Nitroaniline	1600		1800	ug/Kg	113				0	0	
4,6-Dinitro-2-methylphenol	1600		1400	ug/Kg	88				0	0	
N-Nitrosodiphenylamine	1600		1400	ug/Kg	88				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1600		1200	ug/Kg	75				0	0	
4-Bromophenyl-phenylether	1600		1300	ug/Kg	81				0	0	
Hexachlorobenzene	1600		1400	ug/Kg	88				0	0	
Atrazine	1600		1400	ug/Kg	88				0	0	
Pentachlorophenol	1600		1100	ug/Kg	69				17	109	
Phenanthrene	1600		1500	ug/Kg	94				0	0	
Pentachlorobenzene	1600		1300	ug/Kg	81				0	0	
Anthracene	1600		1500	ug/Kg	94				0	0	
1,2,3,4-Tetrachlorobenzene	1600		1200	ug/Kg	75				0	0	
Carbazole	1600		1600	ug/Kg	100				0	0	
Di-n-butylphthalate	1600		1500	ug/Kg	94				0	0	
Fluoranthene	1600		1400	ug/Kg	88				0	0	
Pyrene	1600		1400	ug/Kg	88				35	142	
Butylbenzylphthalate	1600		1500	ug/Kg	94				0	0	
3,3'-Dichlorobenzidine	1600		1400	ug/Kg	88				0	0	
Benzo(a)anthracene	1600		1400	ug/Kg	88				0	0	
Chrysene	1600		1400	ug/Kg	88				0	0	
Bis(2-ethylhexyl)phthalate	1600		1500	ug/Kg	94				0	0	
Di-n-octylphthalate	1600		1700	ug/Kg	106				0	0	
Benzo(b)fluoranthene	1600		1400	ug/Kg	88				0	0	
Benzo(k)fluoranthene	1600		1400	ug/Kg	88				0	0	
Benzo(a)pyrene	1600		1400	ug/Kg	88				0	0	
Indeno(1,2,3-cd)pyrene	1600		1500	ug/Kg	94				0	0	
Dibenzo(a,h)anthracene	1600		1500	ug/Kg	94				0	0	
Benzo(g,h,i)perylene	1600		1500	ug/Kg	94				0	0	
2,3,4,6-Tetrachlorophenol	1600		1400	ug/Kg	88				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5324-06MSD	Client Sample ID:	YE5X6MSD					DataFile:	BG063844.D		
1,4-Dioxane	660		500	ug/Kg	76		1		15	120	50
Benzaldehyde	1600		440	ug/Kg	28		4	*	0	0	0
Pyridine	1600		1300	ug/Kg	81		0		0	0	0
Phenol	1600		1300	ug/Kg	81		8		26	90	35
Bis(2-chloroethyl)ether	1600		1200	ug/Kg	75		0		0	0	0
2-Chlorophenol	1600		1300	ug/Kg	81		0		25	102	50
2-Methylphenol	1600		1300	ug/Kg	81		8	*	0	0	0
2,2-oxybis(1-Chloropropane)	1600		1200	ug/Kg	75		0		0	0	0
Acetophenone	1600		1300	ug/Kg	81		0		0	0	0
4-Methylphenol	1600		1400	ug/Kg	88		8	*	0	0	0
N-Nitroso-di-n-propylamine	1600		1200	ug/Kg	75		0		41	126	38
Hexachloroethane	1600		1200	ug/Kg	75		0		0	0	0
Nitrobenzene	1600		1200	ug/Kg	75		8	*	0	0	0
Isophorone	1600		1300	ug/Kg	81		0		0	0	0
2-Nitrophenol	1600		1400	ug/Kg	88		0		0	0	0
2,4-Dimethylphenol	1600		1400	ug/Kg	88		0		0	0	0
Bis(2-chloroethoxy)methane	1600		1300	ug/Kg	81		0		0	0	0
2,4-Dichlorophenol	1600		1400	ug/Kg	88		0		0	0	0
Naphthalene	1600		1300	ug/Kg	81		0		0	0	0
4-Chloroaniline	1600		850	ug/Kg	53		6	*	0	0	0
Hexachlorobutadiene	1600		1100	ug/Kg	69		8	*	0	0	0
Caprolactam	1600		1600	ug/Kg	100		6	*	0	0	0
4-Chloro-3-methylphenol	1600		1500	ug/Kg	94		0		26	103	33
1-Methylnaphthalene	1600		1300	ug/Kg	81		0		0	0	0
2-Methylnaphthalene	1600		1300	ug/Kg	81		8	*	0	0	0
Hexachlorocyclopentadiene	1600		570	ug/Kg	36		5	*	0	0	0
2,4,6-Trichlorophenol	1600		1300	ug/Kg	81		8	*	0	0	0
2,4,5-Trichlorophenol	1600		1400	ug/Kg	88		0		0	0	0
1,1'-Biphenyl	1600		1300	ug/Kg	81		0		0	0	0
2-Chloronaphthalene	1600		1200	ug/Kg	75		16	*	0	0	0
2-Nitroaniline	1600		1500	ug/Kg	94		6	*	0	0	0
Dimethylphthalate	1600		1400	ug/Kg	88		0		0	0	0
2,6-Dinitrotoluene	1600		1500	ug/Kg	94		0		0	0	0
Acenaphthylene	1600		1300	ug/Kg	81		8	*	0	0	0
3-Nitroaniline	1600		1600	ug/Kg	100		6	*	0	0	0
Acenaphthene	1600		1300	ug/Kg	81		8		31	137	19
2,4-Dinitrophenol	1600		1400	ug/Kg	88		0		0	0	0
4-Nitrophenol	1600		1300	ug/Kg	81		0		11	114	50
Dibenzofuran	1600		1400	ug/Kg	88		0		0	0	0
2,4-Dinitrotoluene	1600		1600	ug/Kg	100	*	0		28	89	47
Diethylphthalate	1600		1400	ug/Kg	88		0		0	0	0
Fluorene	1600		1400	ug/Kg	88		0		0	0	0
4-Chlorophenyl-phenylether	1600		1300	ug/Kg	81		8	*	0	0	0
4-Nitroaniline	1600		1800	ug/Kg	113		0		0	0	0
4,6-Dinitro-2-methylphenol	1600		1500	ug/Kg	94		7	*	0	0	0
N-Nitrosodiphenylamine	1600		1400	ug/Kg	88		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG122624

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1600		1100	ug/Kg	69	8	*		0	0	0
4-Bromophenyl-phenylether	1600		1300	ug/Kg	81	0			0	0	0
Hexachlorobenzene	1600		1300	ug/Kg	81	8	*		0	0	0
Atrazine	1600		1400	ug/Kg	88	0			0	0	0
Pentachlorophenol	1600		1100	ug/Kg	69	0			17	109	47
Phenanthrene	1600		1400	ug/Kg	88	7	*		0	0	0
Pentachlorobenzene	1600		1300	ug/Kg	81	0			0	0	0
Anthracene	1600		1500	ug/Kg	94	0			0	0	0
1,2,3,4-Tetrachlorobenzene	1600		1200	ug/Kg	75	0			0	0	0
Carbazole	1600		1600	ug/Kg	100	0			0	0	0
Di-n-butylphthalate	1600		1500	ug/Kg	94	0			0	0	0
Fluoranthene	1600		1400	ug/Kg	88	0			0	0	0
Pyrene	1600		1300	ug/Kg	81	8			35	142	36
Butylbenzylphthalate	1600		1500	ug/Kg	94	0			0	0	0
3,3'-Dichlorobenzidine	1600		1400	ug/Kg	88	0			0	0	0
Benzo(a)anthracene	1600		1300	ug/Kg	81	8	*		0	0	0
Chrysene	1600		1300	ug/Kg	81	8	*		0	0	0
Bis(2-ethylhexyl)phthalate	1600		1500	ug/Kg	94	0			0	0	0
Di-n-octylphthalate	1600		1700	ug/Kg	106	0			0	0	0
Benzo(b)fluoranthene	1600		1400	ug/Kg	88	0			0	0	0
Benzo(k)fluoranthene	1600		1400	ug/Kg	88	0			0	0	0
Benzo(a)pyrene	1600		1400	ug/Kg	88	0			0	0	0
Indeno(1,2,3-cd)pyrene	1600		1400	ug/Kg	88	7	*		0	0	0
Dibenzo(a,h)anthracene	1600		1400	ug/Kg	88	7	*		0	0	0
Benzo(g,h,i)perylene	1600		1400	ug/Kg	88	7	*		0	0	0
2,3,4,6-Tetrachlorophenol	1600		1300	ug/Kg	81	8	*		0	0	0

Surrogate Summary

SW-846

SDG No.: **BG122624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5331-01	E2AQ1	BG063836.D	1,4-Dioxane-d8	8	5.03	63		15	120
			Pyridine-d5	40	24.96	62		20	120
			Phenol-d5	40	29.00	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.99	67		10	150
			2-Chlorophenol-d4	40	28.08	70		15	120
			4-Methylphenol-d8	40	28.22	71		10	140
			Nitrobenzene-d5	40	30.90	77		10	135
			2-Nitrophenol-d4	40	32.21	81		10	120
			2,4-Dichlorophenol-d3	40	31.54	79		10	140
			4-Chloroaniline-d4	40	31.10	78		1	145
			Dimethylphthalate-d6	40	32.03	80		10	145
			Acenaphthylene-d8	40	31.25	78		15	120
			4-Nitrophenol-d4	40	33.15	83		10	150
			Fluorene-d10	40	33.20	83		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.90	60		10	130
			Anthracene-d10	40	33.99	85		10	150
			Pyrene-d10	40	31.24	78		10	130
			Benzo(a)pyrene-d12	40	30.69	77		10	140
P5331-02MS	E2AQ1MS	BG063837.D	1,4-Dioxane-d8	8	5.16	65		15	120
			Pyridine-d5	40	24.71	62		20	120
			Phenol-d5	40	28.78	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.27	63		10	150
			2-Chlorophenol-d4	40	26.88	67		15	120
			4-Methylphenol-d8	40	28.10	70		10	140
			Nitrobenzene-d5	40	31.04	78		10	135
			2-Nitrophenol-d4	40	31.57	79		10	120
			2,4-Dichlorophenol-d3	40	33.04	83		10	140
			4-Chloroaniline-d4	40	28.59	71		1	145
			Dimethylphthalate-d6	40	31.08	78		10	145
			Acenaphthylene-d8	40	30.04	75		15	120
			4-Nitrophenol-d4	40	35.99	90		10	150
			Fluorene-d10	40	31.19	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	30.97	77		10	130
			Anthracene-d10	40	32.26	81		10	150
			Pyrene-d10	40	29.47	74		10	130
			Benzo(a)pyrene-d12	40	29.66	74		10	140
P5331-03MSD	E2AQ1MSD	BG063838.D	1,4-Dioxane-d8	8	6.08	76		15	120
			Pyridine-d5	40	28.90	72		20	120
			Phenol-d5	40	31.97	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.08	70		10	150
			2-Chlorophenol-d4	40	31.43	79		15	120
			4-Methylphenol-d8	40	32.31	81		10	140
			Nitrobenzene-d5	40	34.53	86		10	135
			2-Nitrophenol-d4	40	37.20	93		10	120
			2,4-Dichlorophenol-d3	40	36.64	92		10	140
			4-Chloroaniline-d4	40	31.45	79		1	145
			Dimethylphthalate-d6	40	35.63	89		10	145
			Acenaphthylene-d8	40	33.97	85		15	120
			4-Nitrophenol-d4	40	41.59	104		10	150

Surrogate Summary

SW-846

SDG No.: BG122624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5331-03MSD	E2AQ1MSD	BG063838.D	Fluorene-d10	40	36.15	90		20	140
			4,6-Dinitro-2-methylphenol-d2	40	34.20	86		10	130
			Anthracene-d10	40	35.82	90		10	150
			Pyrene-d10	40	33.27	83		10	130
			Benzo(a)pyrene-d12	40	32.69	82		10	140

Surrogate Summary

SW-846

SDG No.: BG122624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5333-08	E2911	BG063834.D	1,4-Dioxane-d8	8	5.92	74		15	120
			Pyridine-d5	40	24.56	61		20	120
			Phenol-d5	40	24.89	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.88	57		10	150
			2-Chlorophenol-d4	40	25.10	63		15	120
			4-Methylphenol-d8	40	24.48	61		10	140
			Nitrobenzene-d5	40	24.29	61		10	135
			2-Nitrophenol-d4	40	25.16	63		10	120
			2,4-Dichlorophenol-d3	40	23.72	59		10	140
			4-Chloroaniline-d4	40	11.21	28		1	145
			Dimethylphthalate-d6	40	24.13	60		10	145
			Acenaphthylene-d8	40	21.57	54		15	120
			4-Nitrophenol-d4	40	21.82	55		10	150
			Fluorene-d10	40	19.55	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.65	44		10	130
			Anthracene-d10	40	19.43	49		10	150
			Pyrene-d10	40	16.16	40		10	130
			Benzo(a)pyrene-d12	40	13.80	34		10	140
P5333-11DL	E2913DL	BG063835.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	33.10	83		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.41	81		10	150
			2-Chlorophenol-d4	40	33.36	83		15	120
			4-Methylphenol-d8	40	31.09	78		10	140
			Nitrobenzene-d5	40	31.44	79		10	135
			2-Nitrophenol-d4	40	37.53	94		10	120
			2,4-Dichlorophenol-d3	40	36.27	91		10	140
			4-Chloroaniline-d4	40	20.06	50		1	145
			Dimethylphthalate-d6	40	16.79	42		10	145
			Acenaphthylene-d8	40	36.38	91		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	36.14	90		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	38.64	97		10	150
			Pyrene-d10	40	30.54	76		10	130
			Benzo(a)pyrene-d12	40	22.83	57		10	140

Surrogate Summary

SW-846

SDG No.: **BG122624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5324-01	YE5X5	BG063839.D	1,4-Dioxane-d8	8	5.51	69		15	120
			Pyridine-d5	40	22.88	57		20	120
			Phenol-d5	40	27.61	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.35	66		10	150
			2-Chlorophenol-d4	40	27.26	68		15	120
			4-Methylphenol-d8	40	26.08	65		10	140
			Nitrobenzene-d5	40	31.53	79		10	135
			2-Nitrophenol-d4	40	32.08	80		10	120
			2,4-Dichlorophenol-d3	40	29.54	74		10	140
			4-Chloroaniline-d4	40	30.94	77		1	145
			Dimethylphthalate-d6	40	33.62	84		10	145
			Acenaphthylene-d8	40	32.87	82		15	120
			4-Nitrophenol-d4	40	33.23	83		10	150
			Fluorene-d10	40	35.93	90		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.97	57		10	130
			Anthracene-d10	40	35.93	90		10	150
			Pyrene-d10	40	34.00	85		10	130
			Benzo(a)pyrene-d12	40	35.37	88		10	140
P5324-02	YE5X7	BG063840.D	1,4-Dioxane-d8	8	2.68	34		15	120
			Pyridine-d5	40	6.47	16	*	20	120
			Phenol-d5	40	11.16	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.34	28		10	150
			2-Chlorophenol-d4	40	11.64	29		15	120
			4-Methylphenol-d8	40	10.73	27		10	140
			Nitrobenzene-d5	40	12.76	32		10	135
			2-Nitrophenol-d4	40	12.93	32		10	120
			2,4-Dichlorophenol-d3	40	12.25	31		10	140
			4-Chloroaniline-d4	40	10.79	27		1	145
			Dimethylphthalate-d6	40	13.52	34		10	145
			Acenaphthylene-d8	40	13.77	34		15	120
			4-Nitrophenol-d4	40	10.33	26		10	150
			Fluorene-d10	40	14.91	37		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.46	16		10	130
			Anthracene-d10	40	14.81	37		10	150
			Pyrene-d10	40	13.76	34		10	130
			Benzo(a)pyrene-d12	40	13.70	34		10	140
P5324-03	YE5Y1	BG063841.D	1,4-Dioxane-d8	8	4.84	60		15	120
			Pyridine-d5	40	24.68	62		20	120
			Phenol-d5	40	26.21	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.12	63		10	150
			2-Chlorophenol-d4	40	26.02	65		15	120
			4-Methylphenol-d8	40	25.61	64		10	140
			Nitrobenzene-d5	40	30.20	75		10	135
			2-Nitrophenol-d4	40	32.38	81		10	120
			2,4-Dichlorophenol-d3	40	28.76	72		10	140
			4-Chloroaniline-d4	40	30.95	77		1	145
			Dimethylphthalate-d6	40	32.03	80		10	145
			Acenaphthylene-d8	40	32.15	80		15	120
			4-Nitrophenol-d4	40	31.17	78		10	150

Surrogate Summary

SW-846

SDG No.: **BG122624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5324-03	YE5Y1	BG063841.D	Fluorene-d10	40	33.48	84		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.08	58		10	130
			Anthracene-d10	40	34.86	87		10	150
			Pyrene-d10	40	32.77	82		10	130
			Benzo(a)pyrene-d12	40	32.14	80		10	140
P5324-04	YE5X6	BG063842.D	1,4-Dioxane-d8	8	4.45	56		15	120
			Pyridine-d5	40	21.51	54		20	120
			Phenol-d5	40	24.45	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.18	50		10	150
			2-Chlorophenol-d4	40	22.54	56		15	120
			4-Methylphenol-d8	40	23.73	59		10	140
			Nitrobenzene-d5	40	23.16	58		10	135
			2-Nitrophenol-d4	40	27.03	68		10	120
			2,4-Dichlorophenol-d3	40	25.58	64		10	140
			4-Chloroaniline-d4	40	27.03	68		1	145
			Dimethylphthalate-d6	40	29.69	74		10	145
			Acenaphthylene-d8	40	23.87	60		15	120
			4-Nitrophenol-d4	40	27.61	69		10	150
			Fluorene-d10	40	27.86	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.46	49		10	130
			Anthracene-d10	40	32.35	81		10	150
			Pyrene-d10	40	26.30	66		10	130
			Benzo(a)pyrene-d12	40	28.32	71		10	140
P5324-05MS	YE5X6MS	BG063843.D	1,4-Dioxane-d8	8	4.83	60		15	120
			Pyridine-d5	40	21.75	54		20	120
			Phenol-d5	40	27.38	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.38	53		10	150
			2-Chlorophenol-d4	40	25.00	63		15	120
			4-Methylphenol-d8	40	25.42	64		10	140
			Nitrobenzene-d5	40	24.05	60		10	135
			2-Nitrophenol-d4	40	28.90	72		10	120
			2,4-Dichlorophenol-d3	40	29.52	74		10	140
			4-Chloroaniline-d4	40	28.30	71		1	145
			Dimethylphthalate-d6	40	30.60	76		10	145
			Acenaphthylene-d8	40	24.70	62		15	120
			4-Nitrophenol-d4	40	29.97	75		10	150
			Fluorene-d10	40	28.22	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.55	64		10	130
			Anthracene-d10	40	31.07	78		10	150
			Pyrene-d10	40	26.08	65		10	130
			Benzo(a)pyrene-d12	40	28.00	70		10	140
P5324-06MSD	YE5X6MSD	BG063844.D	1,4-Dioxane-d8	8	4.47	56		15	120
			Pyridine-d5	40	21.04	53		20	120
			Phenol-d5	40	26.69	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.39	51		10	150
			2-Chlorophenol-d4	40	24.18	60		15	120
			4-Methylphenol-d8	40	25.12	63		10	140
			Nitrobenzene-d5	40	23.77	59		10	135
			2-Nitrophenol-d4	40	28.01	70		10	120

Surrogate Summary

SW-846

SDG No.: **BG122624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5324-06MSD	YE5X6MSD	BG063844.D	2,4-Dichlorophenol-d3	40	28.55	71		10	140
			4-Chloroaniline-d4	40	27.84	70		1	145
			Dimethylphthalate-d6	40	29.42	74		10	145
			Acenaphthylene-d8	40	23.16	58		15	120
			4-Nitrophenol-d4	40	30.00	75		10	150
			Fluorene-d10	40	27.07	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.54	64		10	130
			Anthracene-d10	40	31.06	78		10	150
			Pyrene-d10	40	26.01	65		10	130
			Benzo(a)pyrene-d12	40	27.02	68		10	140
P5324-07	YE5X8	BG063848.D	1,4-Dioxane-d8	8	3.82	48		15	120
			Pyridine-d5	40	16.43	41		20	120
			Phenol-d5	40	20.80	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.45	41		10	150
			2-Chlorophenol-d4	40	19.47	49		15	120
			4-Methylphenol-d8	40	21.35	53		10	140
			Nitrobenzene-d5	40	18.41	46		10	135
			2-Nitrophenol-d4	40	22.54	56		10	120
			2,4-Dichlorophenol-d3	40	21.69	54		10	140
			4-Chloroaniline-d4	40	23.54	59		1	145
			Dimethylphthalate-d6	40	26.06	65		10	145
			Acenaphthylene-d8	40	19.67	49		15	120
			4-Nitrophenol-d4	40	18.92	47		10	150
			Fluorene-d10	40	21.93	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.79	37		10	130
			Anthracene-d10	40	29.44	74		10	150
			Pyrene-d10	40	21.22	53		10	130
			Benzo(a)pyrene-d12	40	22.83	57		10	140
P5324-08	YE5X9	BG063849.D	1,4-Dioxane-d8	8	3.32	41		15	120
			Pyridine-d5	40	16.01	40		20	120
			Phenol-d5	40	16.80	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.74	42		10	150
			2-Chlorophenol-d4	40	17.71	44		15	120
			4-Methylphenol-d8	40	17.65	44		10	140
			Nitrobenzene-d5	40	19.80	49		10	135
			2-Nitrophenol-d4	40	18.90	47		10	120
			2,4-Dichlorophenol-d3	40	18.19	45		10	140
			4-Chloroaniline-d4	40	18.40	46		1	145
			Dimethylphthalate-d6	40	20.64	52		10	145
			Acenaphthylene-d8	40	20.79	52		15	120
			4-Nitrophenol-d4	40	16.97	42		10	150
			Fluorene-d10	40	21.55	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.60	31		10	130
			Anthracene-d10	40	23.52	59		10	150
			Pyrene-d10	40	21.84	55		10	130
			Benzo(a)pyrene-d12	40	22.62	57		10	140
P5324-09	YE5Z7	BG063850.D	1,4-Dioxane-d8	8	2.68	34		15	120
			Pyridine-d5	40	8.81	22		20	120
			Phenol-d5	40	13.30	33		10	130

Surrogate Summary

SW-846

SDG No.: **BG122624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5324-09	YE5Z7	BG063850.D	Bis(2-Chloroethyl)ether-d8	40	13.24	33		10	150
			2-Chlorophenol-d4	40	13.86	35		15	120
			4-Methylphenol-d8	40	13.15	33		10	140
			Nitrobenzene-d5	40	15.33	38		10	135
			2-Nitrophenol-d4	40	15.47	39		10	120
			2,4-Dichlorophenol-d3	40	14.45	36		10	140
			4-Chloroaniline-d4	40	13.47	34		1	145
			Dimethylphthalate-d6	40	16.48	41		10	145
			Acenaphthylene-d8	40	17.16	43		15	120
			4-Nitrophenol-d4	40	12.77	32		10	150
			Fluorene-d10	40	17.74	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.90	22		10	130
			Anthracene-d10	40	18.22	46		10	150
			Pyrene-d10	40	17.19	43		10	130
			Benzo(a)pyrene-d12	40	17.50	44		10	140
P5324-10	YE695	BG063851.D	1,4-Dioxane-d8	8	5.10	64		15	120
			Pyridine-d5	40	25.68	64		20	120
			Phenol-d5	40	25.32	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.27	61		10	150
			2-Chlorophenol-d4	40	25.24	63		15	120
			4-Methylphenol-d8	40	25.52	64		10	140
			Nitrobenzene-d5	40	28.06	70		10	135
			2-Nitrophenol-d4	40	28.27	71		10	120
			2,4-Dichlorophenol-d3	40	26.17	65		10	140
			4-Chloroaniline-d4	40	27.68	69		1	145
			Dimethylphthalate-d6	40	29.19	73		10	145
			Acenaphthylene-d8	40	28.86	72		15	120
			4-Nitrophenol-d4	40	24.74	62		10	150
			Fluorene-d10	40	28.43	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.56	44		10	130
			Anthracene-d10	40	29.90	75		10	150
			Pyrene-d10	40	28.50	71		10	130
P5324-11	YE5Z8	BG063852.D	Benzo(a)pyrene-d12	40	27.36	68		10	140
			1,4-Dioxane-d8	8	3.38	42		15	120
			Pyridine-d5	40	10.71	27		20	120
			Phenol-d5	40	14.86	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.94	35		10	150
			2-Chlorophenol-d4	40	15.58	39		15	120
			4-Methylphenol-d8	40	14.53	36		10	140
			Nitrobenzene-d5	40	16.43	41		10	135
			2-Nitrophenol-d4	40	16.43	41		10	120
			2,4-Dichlorophenol-d3	40	15.59	39		10	140
			4-Chloroaniline-d4	40	14.62	37		1	145
			Dimethylphthalate-d6	40	18.49	46		10	145
			Acenaphthylene-d8	40	17.95	45		15	120
			4-Nitrophenol-d4	40	14.64	37		10	150
			Fluorene-d10	40	18.70	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.08	20		10	130
			Anthracene-d10	40	20.53	51		10	150

Surrogate Summary

SW-846

SDG No.: **BG122624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5324-11	YE5Z8	BG063852.D	Pyrene-d10	40	18.29	46		10	130
			Benzo(a)pyrene-d12	40	18.28	46		10	140
P5324-12	YE5Z9	BG063853.D	1,4-Dioxane-d8	8	4.63	58		15	120
			Pyridine-d5	40	23.59	59		20	120
			Phenol-d5	40	21.69	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.02	45		10	150
			2-Chlorophenol-d4	40	21.27	53		15	120
			4-Methylphenol-d8	40	22.18	55		10	140
			Nitrobenzene-d5	40	21.83	55		10	135
			2-Nitrophenol-d4	40	22.20	56		10	120
			2,4-Dichlorophenol-d3	40	23.41	59		10	140
			4-Chloroaniline-d4	40	24.69	62		1	145
			Dimethylphthalate-d6	40	35.11	88		10	145
			Acenaphthylene-d8	40	30.49	76		15	120
			4-Nitrophenol-d4	40	38.26	96		10	150
			Fluorene-d10	40	35.45	89		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.20	68		10	130
			Anthracene-d10	40	40.44	101		10	150
			Pyrene-d10	40	38.14	95		10	130
			Benzo(a)pyrene-d12	40	40.71	102		10	140
P5324-13	YE600	BG063854.D	1,4-Dioxane-d8	8	4.94	62		15	120
			Pyridine-d5	40	25.93	65		20	120
			Phenol-d5	40	27.87	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.93	65		10	150
			2-Chlorophenol-d4	40	28.73	72		15	120
			4-Methylphenol-d8	40	29.18	73		10	140
			Nitrobenzene-d5	40	33.74	84		10	135
			2-Nitrophenol-d4	40	34.07	85		10	120
			2,4-Dichlorophenol-d3	40	32.72	82		10	140
			4-Chloroaniline-d4	40	34.24	86		1	145
			Dimethylphthalate-d6	40	37.53	94		10	145
			Acenaphthylene-d8	40	35.86	90		15	120
			4-Nitrophenol-d4	40	34.64	87		10	150
			Fluorene-d10	40	37.91	95		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.19	65		10	130
			Anthracene-d10	40	40.07	100		10	150
			Pyrene-d10	40	37.26	93		10	130
			Benzo(a)pyrene-d12	40	37.25	93		10	140
P5324-14	YE601	BG063855.D	1,4-Dioxane-d8	8	4.27	53		15	120
			Pyridine-d5	40	20.97	52		20	120
			Phenol-d5	40	22.04	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.84	52		10	150
			2-Chlorophenol-d4	40	23.00	58		15	120
			4-Methylphenol-d8	40	22.47	56		10	140
			Nitrobenzene-d5	40	24.36	61		10	135
			2-Nitrophenol-d4	40	25.30	63		10	120
			2,4-Dichlorophenol-d3	40	23.74	59		10	140
			4-Chloroaniline-d4	40	24.58	61		1	145
			Dimethylphthalate-d6	40	28.83	72		10	145

Surrogate Summary

SW-846

SDG No.: **BG122624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5324-14	YE601	BG063855.D	Acenaphthylene-d8	40	26.81	67		15	120
			4-Nitrophenol-d4	40	23.89	60		10	150
			Fluorene-d10	40	28.87	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.93	35		10	130
			Anthracene-d10	40	31.14	78		10	150
			Pyrene-d10	40	28.55	71		10	130
			Benzo(a)pyrene-d12	40	29.06	73		10	140
P5324-15	YE630	BG063856.D	1,4-Dioxane-d8	8	3.71	46		15	120
			Pyridine-d5	40	11.75	29		20	120
			Phenol-d5	40	17.03	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.19	40		10	150
			2-Chlorophenol-d4	40	18.01	45		15	120
			4-Methylphenol-d8	40	17.92	45		10	140
			Nitrobenzene-d5	40	19.23	48		10	135
			2-Nitrophenol-d4	40	18.53	46		10	120
			2,4-Dichlorophenol-d3	40	19.88	50		10	140
			4-Chloroaniline-d4	40	18.24	46		1	145
			Dimethylphthalate-d6	40	20.95	52		10	145
			Acenaphthylene-d8	40	21.56	54		15	120
			4-Nitrophenol-d4	40	18.92	47		10	150
			Fluorene-d10	40	21.70	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.36	51		10	130
			Anthracene-d10	40	22.81	57		10	150
			Pyrene-d10	40	21.10	53		10	130
			Benzo(a)pyrene-d12	40	20.91	52		10	140
			1,4-Dioxane-d8	8	3.76	47		15	120
			Pyridine-d5	40	18.15	45		20	120
P5324-16	YE631	BG063857.D	Phenol-d5	40	15.89	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.30	38		10	150
			2-Chlorophenol-d4	40	17.37	43		15	120
			4-Methylphenol-d8	40	17.33	43		10	140
			Nitrobenzene-d5	40	18.18	45		10	135
			2-Nitrophenol-d4	40	17.32	43		10	120
			2,4-Dichlorophenol-d3	40	19.00	47		10	140
			4-Chloroaniline-d4	40	18.40	46		1	145
			Dimethylphthalate-d6	40	19.17	48		10	145
			Acenaphthylene-d8	40	18.57	46		15	120
			4-Nitrophenol-d4	40	15.40	38		10	150
			Fluorene-d10	40	17.85	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.28	18		10	130
			Anthracene-d10	40	18.43	46		10	150
			Pyrene-d10	40	16.28	41		10	130
			Benzo(a)pyrene-d12	40	16.50	41		10	140
			1,4-Dioxane-d8	8	4.90	61		15	120
			Pyridine-d5	40	23.74	59		20	120
			Phenol-d5	40	26.64	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.36	58		10	150
P5324-17	YE635	BG063858.D	2-Chlorophenol-d4	40	28.36	71		15	120
			4-Methylphenol-d8	40	27.76	69		10	140

Surrogate Summary

SW-846

SDG No.: **BG122624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5324-17	YE635	BG063858.D	Nitrobenzene-d5	40	27.18	68		10	135
			2-Nitrophenol-d4	40	23.27	58		10	120
			2,4-Dichlorophenol-d3	40	29.59	74		10	140
			4-Chloroaniline-d4	40	28.40	71		1	145
			Dimethylphthalate-d6	40	31.09	78		10	145
			Acenaphthylene-d8	40	29.21	73		15	120
			4-Nitrophenol-d4	40	24.97	62		10	150
			Fluorene-d10	40	30.17	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.84	2	*	10	130
			Anthracene-d10	40	32.14	80		10	150
			Pyrene-d10	40	28.50	71		10	130
			Benzo(a)pyrene-d12	40	27.43	69		10	140
PB165796BL	PB165796BL	BG063846.D	1,4-Dioxane-d8	8	5.52	69		15	120
			Pyridine-d5	40	27.34	68		20	120
		BG063833.D	Pyridine-d5	40	30.85	77		20	120
			1,4-Dioxane-d8	8	6.28	79		15	120
		BG063846.D	Phenol-d5	40	27.03	68		10	130
			Phenol-d5	40	23.44	59		10	130
		BG063833.D	Bis(2-Chloroethyl)ether-d8	40	20.98	52		10	150
			Bis(2-Chloroethyl)ether-d8	40	24.38	61		10	150
		BG063846.D	2-Chlorophenol-d4	40	26.70	67		15	120
			2-Chlorophenol-d4	40	23.72	59		15	120
		BG063833.D	4-Methylphenol-d8	40	23.09	58		10	140
			4-Methylphenol-d8	40	24.97	62		10	140
		BG063846.D	Nitrobenzene-d5	40	25.92	65		10	135
			Nitrobenzene-d5	40	25.92	65		10	135
		BG063833.D	2-Nitrophenol-d4	40	26.13	65		10	120
			2-Nitrophenol-d4	40	25.75	64		10	120
		BG063846.D	2,4-Dichlorophenol-d3	40	25.61	64		10	140
			2,4-Dichlorophenol-d3	40	24.68	62		10	140
		BG063833.D	4-Chloroaniline-d4	40	25.50	64		1	145
			4-Chloroaniline-d4	40	26.01	65		1	145
		BG063846.D	Dimethylphthalate-d6	40	27.49	69		10	145
			Dimethylphthalate-d6	40	25.38	63		10	145
		BG063833.D	Acenaphthylene-d8	40	25.59	64		15	120
			Acenaphthylene-d8	40	25.63	64		15	120
		BG063846.D	4-Nitrophenol-d4	40	28.62	72		10	150
			4-Nitrophenol-d4	40	27.45	69		10	150
		BG063833.D	Fluorene-d10	40	26.53	66		20	140
			Fluorene-d10	40	27.13	68		20	140
		BG063846.D	4,6-Dinitro-2-methylphenol-d2	40	22.24	56		10	130
			4,6-Dinitro-2-methylphenol-d2	40	18.40	46		10	130
		BG063833.D	Anthracene-d10	40	27.06	68		10	150
			Anthracene-d10	40	27.03	68		10	150
		BG063846.D	Pyrene-d10	40	24.98	62		10	130
			Pyrene-d10	40	24.70	62		10	130
		BG063833.D	Benzo(a)pyrene-d12	40	26.43	66		10	140
			Benzo(a)pyrene-d12	40	25.76	64		10	140
PB165796BS	PB165796BS	BG063859.D	1,4-Dioxane-d8	8	5.56	69		15	120

Surrogate Summary

SW-846

SDG No.: **BG122624**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165796BS	PB165796BS	BG063859.D	Pyridine-d5	40	28.79	72		20	120
			Phenol-d5	40	27.77	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.05	60		10	150
			2-Chlorophenol-d4	40	28.94	72		15	120
			4-Methylphenol-d8	40	27.84	70		10	140
			Nitrobenzene-d5	40	28.50	71		10	135
			2-Nitrophenol-d4	40	28.48	71		10	120
			2,4-Dichlorophenol-d3	40	29.86	75		10	140
			4-Chloroaniline-d4	40	25.63	64		1	145
			Dimethylphthalate-d6	40	27.95	70		10	145
			Acenaphthylene-d8	40	28.21	71		15	120
			4-Nitrophenol-d4	40	23.89	60		10	150
			Fluorene-d10	40	29.06	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.55	26		10	130
			Anthracene-d10	40	28.47	71		10	150
			Pyrene-d10	40	26.29	66		10	130
			Benzo(a)pyrene-d12	40	28.34	71		10	140

Surrogate Summary

SW-846

SDG No.: BG122624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5369-10	SVOC-GPC2-BLA1BG063847.D		1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG122624

Lab Code: CHEM

SAS No.: BG122624 SDG NO.: BG122624

Lab File ID: BG063831.D

DFTPP Injection Date: 12/26/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:49

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40
68	Less than 2.0% of mass 69	0.0 (0.1) 1
69	Mass 69 relative abundance	45
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	38.8
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	7.2
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	76.8
443	15.0 - 24.0% of mass 442	14.7 (19.1) 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
SSTD020583	SSTDCCC020	BG063832.D	12/26/2024	13:07
SBLK796	PB165796BL	BG063833.D	12/26/2024	13:51
E2911	P5333-08	BG063834.D	12/26/2024	14:31
E2913DL	P5333-11DL	BG063835.D	12/26/2024	15:08
E2AQ1	P5331-01	BG063836.D	12/26/2024	15:46
E2AQ1MS	P5331-02MS	BG063837.D	12/26/2024	16:24
E2AQ1MSD	P5331-03MSD	BG063838.D	12/26/2024	17:01
YE5X5	P5324-01	BG063839.D	12/26/2024	17:39
YE5X7	P5324-02	BG063840.D	12/26/2024	18:17
YE5Y1	P5324-03	BG063841.D	12/26/2024	18:54
YE5X6	P5324-04	BG063842.D	12/26/2024	19:32
YE5X6MS	P5324-05MS	BG063843.D	12/26/2024	20:10
YE5X6MSD	P5324-06MSD	BG063844.D	12/26/2024	20:47
SSTD020584	SSTDCCC020	BG063845.D	12/26/2024	22:02
SBLK796	PB165796BL	BG063846.D	12/26/2024	22:40
SVOC-GPC2-BLANK	P5369-10	BG063847.D	12/26/2024	23:18
YE5X8	P5324-07	BG063848.D	12/26/2024	23:55
YE5X9	P5324-08	BG063849.D	12/27/2024	00:33

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG122624

Lab Code: CHEM

SAS No.: BG122624 SDG NO.: BG122624

Lab File ID: BG063831.D

DFTPP Injection Date: 12/26/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:49

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	40
68	Less than 2.0% of mass 69	0.0 (0.1) 1
69	Mass 69 relative abundance	45
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	38.8
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	7.2
275	10.0 - 60.0% of mass 198	27.3
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	12.7
442	Greater than 50% of mass 198	76.8
443	15.0 - 24.0% of mass 442	14.7 (19.1) 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
YE5Z7	P5324-09	BG063850.D	12/27/2024	01:10
YE695	P5324-10	BG063851.D	12/27/2024	01:48
YE5Z8	P5324-11	BG063852.D	12/27/2024	02:25
YE5Z9	P5324-12	BG063853.D	12/27/2024	03:02
YE600	P5324-13	BG063854.D	12/27/2024	03:40
YE601	P5324-14	BG063855.D	12/27/2024	04:17
YE630	P5324-15	BG063856.D	12/27/2024	04:55
YE631	P5324-16	BG063857.D	12/27/2024	05:32
YE635	P5324-17	BG063858.D	12/27/2024	06:09
SLCS796	PB165796BS	BG063859.D	12/27/2024	06:47