

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP102424 SAS No.: BP102424 SDG No.: BP102424
Instrument ID: BNA_P Calibration Date/Time: 10/24/2024 : 11:00
Lab File ID: BP022582.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020674 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.481	0.010	-13.0512	40.0
Benzaldehyde	0.910	0.978	0.010	7.503	40.0
Pyridine	1.449	1.370	0.010	-5.4654	40.0
Phenol	1.752	1.717	0.080	-1.9574	20.0
Bis(2-Chloroethyl)ether	1.311	1.328	0.100	1.2871	20.0
2-Chlorophenol	1.235	1.304	0.200	5.5696	20.0
2-Methylphenol	1.271	1.313	0.010	3.3273	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.546	0.010	1.502	40.0
Acetophenone	2.218	2.294	0.060	3.4147	20.0
4-Methylphenol	1.410	1.417	0.010	0.472	20.0
N-Nitroso-di-n-propylamine	1.124	1.196	0.050	6.4704	30.0
Hexachloroethane	0.575	0.586	0.100	1.8158	20.0
Nitrobenzene	0.459	0.455	0.050	-0.8307	25.0
Isophorone	0.823	0.866	0.050	5.1956	25.0
2-Nitrophenol	0.192	0.210	0.050	9.6023	25.0
2,4-Dimethylphenol	0.417	0.447	0.050	7.2542	25.0
Bis(2-Chloroethoxy)methane	0.467	0.495	0.050	5.9141	20.0
2,4-Dichlorophenol	0.373	0.406	0.060	8.9942	20.0
Naphthalene	1.065	1.111	0.200	4.3174	20.0
4-Chloroaniline	0.441	0.452	0.010	2.4001	40.0
Hexachlorobutadiene	0.314	0.327	0.040	4.0002	30.0
Caprolactam	0.120	0.119	0.010	-0.5865	40.0
4-Chloro-3-methylphenol	0.407	0.430	0.040	5.778	25.0
1-Methylnaphthalene	0.798	0.832	0.100	4.2862	20.0
2-Methylnaphthalene	0.782	0.826	0.100	5.6676	20.0
Hexachlorocyclopentadiene	0.451	0.361	0.010	-19.7827	40.0
2,4,6-Trichlorophenol	0.465	0.497	0.090	6.8711	25.0
2,4,5-Trichlorophenol	0.495	0.535	0.100	8.029	25.0
1,1-Biphenyl	1.442	1.510	0.200	4.777	20.0
2-Chloronaphthalene	1.180	1.197	0.300	1.4167	20.0
2-Nitroaniline	0.352	0.360	0.050	2.0442	40.0
Dimethylphthalate	1.583	1.621	0.300	2.3839	20.0
2,6-Dinitrotoluene	0.299	0.322	0.080	7.4571	30.0
Acenaphthylene	1.752	1.802	0.400	2.9003	20.0
3-Nitroaniline	0.281	0.275	0.010	-2.1728	40.0
Acenaphthene	1.239	1.274	0.200	2.8799	20.0
2,4-Dinitrophenol	0.220	0.205	0.010	-7.174	40.0
4-Nitrophenol	0.296	0.279	0.010	-5.6701	40.0
Dibenzofuran	1.861	1.904	0.300	2.3368	20.0

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Lab Code: CHEM Case No.: BP102424 SAS No.: BP102424 SDG No.: BP102424

Instrument ID: BNA_P Calibration Date/Time: 10/24/2024 : 11:00

Lab File ID: BP022582.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020674 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.503	0.070	8.1357	30.0
Diethylphthalate	1.519	1.621	0.300	6.7055	20.0
Fluorene	1.516	1.558	0.200	2.7703	20.0
4-Chlorophenyl-phenylether	0.867	0.903	0.100	4.1272	20.0
4-Nitroaniline	0.283	0.281	0.010	-0.7335	40.0
4,6-Dinitro-2-methylphenol	0.142	0.140	0.010	-1.2067	40.0
N-Nitrosodiphenylamine	0.536	0.564	0.050	5.2453	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.774	0.100	4.6568	20.0
4-Bromophenyl-phenylether	0.241	0.262	0.070	8.7078	20.0
Hexachlorobenzene	0.297	0.317	0.050	6.9011	25.0
Atrazine	0.223	0.244	0.010	9.5999	25.0
Pentachlorophenol	0.191	0.196	0.010	2.9274	40.0
Phenanthrene	1.070	1.082	0.200	1.0902	20.0
Pentachlorobenzene	0.337	0.359	0.050	6.5147	20.0
Anthracene	1.068	1.098	0.200	2.7926	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.334	0.050	9.8058	20.0
Carbazole	0.945	0.957	0.050	1.287	40.0
Di-n-butylphthalate	1.045	1.163	0.500	11.1995	25.0
Fluoranthene	1.216	1.398	0.400	14.9569	25.0
Pyrene	1.303	1.450	0.400	11.2855	25.0
Butylbenzylphthalate	0.454	0.529	0.100	16.5538	40.0
3,3-Dichlorobenzidine	0.477	0.499	0.010	4.6523	40.0
Benzo (a) anthracene	1.402	1.428	0.300	1.8495	30.0
Chrysene	1.300	1.324	0.200	1.8077	30.0
Bis (2-ethylhexyl) phthalate	0.651	0.765	0.200	17.5382	40.0
Di-n-octyl phthalate	0.951	1.138	0.010	19.6543	40.0
Benzo (b) fluoranthene	1.259	1.303	0.200	3.536	25.0
Benzo (k) fluoranthene	1.233	1.307	0.200	6.0379	25.0
Benzo (a) pyrene	1.159	1.187	0.200	2.4774	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.545	0.200	-0.1025	25.0
Dibenzo (a,h) anthracene	1.252	1.241	0.200	-0.9178	30.0
Benzo (g,h,i) perylene	1.203	1.182	0.200	-1.7406	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.503	0.040	8.8827	20.0
1,4-Dioxane-d8	0.515	0.439	0.010	-14.6109	25.0
Pyridine-d5	1.413	1.348	0.010	-4.6273	40.0
Phenol-d5	1.684	1.660	0.010	-1.3831	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.989	0.050	-0.051	25.0
2-Chlorophenol-d4	1.195	1.253	0.200	4.8772	20.0
4-Methylphenol-d8	1.344	1.391	0.010	3.5356	20.0

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Instrument ID: BNA_P Calibration Date/Time: 10/24/2024 : 11:00

Lab File ID: BP022582.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020674 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.165	0.050	7.277	20.0
2-Nitrophenol-d4	0.178	0.200	0.050	12.5187	30.0
2,4-Dichlorophenol-d3	0.378	0.408	0.060	7.8954	20.0
4-Chloroaniline-d4	0.447	0.457	0.010	2.1146	40.0
Dimethylphthalate-d6	1.589	1.657	0.300	4.2934	20.0
Acenaphthylene-d8	1.688	1.774	0.400	5.1245	20.0
4-Nitrophenol-d4	0.267	0.258	0.010	-3.0498	40.0
Fluorene-d10	1.378	1.401	0.100	1.6185	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.131	0.010	-0.5798	40.0
Anthracene-d10	0.941	0.974	0.300	3.5286	20.0
Pyrene-d10	1.058	1.182	0.300	11.7405	25.0
Benzo(a)pyrene-d12	1.068	1.122	0.010	5.0779	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP102424 SAS No.: BP102424 SDG No.: BP102424

Instrument ID: BNA_P Calibration Date/Time: 10/24/2024 : 17:14

Lab File ID: BP022590.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020675 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.493	0.010	-10.8597	50.0
Benzaldehyde	0.910	1.005	0.010	10.4125	50.0
Pyridine	1.449	1.379	0.010	-4.8207	50.0
Phenol	1.752	1.748	0.080	-0.2045	50.0
Bis(2-Chloroethyl)ether	1.311	1.337	0.100	1.9965	50.0
2-Chlorophenol	1.235	1.272	0.200	2.9416	50.0
2-Methylphenol	1.271	1.273	0.010	0.1424	50.0
2,2-oxybis(1-Chloropropane)	1.524	1.525	0.010	0.0685	50.0
Acetophenone	2.218	2.210	0.060	-0.3662	50.0
4-Methylphenol	1.410	1.416	0.010	0.3966	50.0
N-Nitroso-di-n-propylamine	1.124	1.149	0.050	2.2218	50.0
Hexachloroethane	0.575	0.595	0.100	3.443	50.0
Nitrobenzene	0.459	0.454	0.050	-1.0402	50.0
Isophorone	0.823	0.837	0.050	1.7355	50.0
2-Nitrophenol	0.192	0.202	0.050	5.4574	50.0
2,4-Dimethylphenol	0.417	0.434	0.050	3.9853	50.0
Bis(2-Chloroethoxy)methane	0.467	0.475	0.050	1.6203	50.0
2,4-Dichlorophenol	0.373	0.397	0.060	6.5789	50.0
Naphthalene	1.065	1.085	0.200	1.8204	50.0
4-Chloroaniline	0.441	0.446	0.010	1.0185	50.0
Hexachlorobutadiene	0.314	0.315	0.040	0.38	50.0
Caprolactam	0.120	0.121	0.010	0.3908	50.0
4-Chloro-3-methylphenol	0.407	0.432	0.040	6.3144	50.0
1-Methylnaphthalene	0.798	0.818	0.100	2.5461	50.0
2-Methylnaphthalene	0.782	0.813	0.100	3.9513	50.0
Hexachlorocyclopentadiene	0.451	0.349	0.010	-22.4955	50.0
2,4,6-Trichlorophenol	0.465	0.483	0.090	3.8586	50.0
2,4,5-Trichlorophenol	0.495	0.539	0.100	8.7889	50.0
1,1-Biphenyl	1.442	1.468	0.200	1.8099	50.0
2-Chloronaphthalene	1.180	1.210	0.300	2.5019	50.0
2-Nitroaniline	0.352	0.364	0.050	3.4275	50.0
Dimethylphthalate	1.583	1.629	0.300	2.8853	50.0
2,6-Dinitrotoluene	0.299	0.337	0.080	12.6507	50.0
Acenaphthylene	1.752	1.805	0.400	3.0226	50.0
3-Nitroaniline	0.281	0.284	0.010	0.955	50.0
Acenaphthene	1.239	1.287	0.200	3.8701	50.0
2,4-Dinitrophenol	0.220	0.216	0.010	-2.1247	50.0
4-Nitrophenol	0.296	0.295	0.010	-0.3058	50.0
Dibenzofuran	1.861	1.926	0.300	3.4911	50.0

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Instrument ID: BNA_P Calibration Date/Time: 10/24/2024 : 17:14

Lab File ID: BP022590.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020675 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.504	0.070	8.357	50.0
Diethylphthalate	1.519	1.605	0.300	5.6495	50.0
Fluorene	1.516	1.579	0.200	4.1567	50.0
4-Chlorophenyl-phenylether	0.867	0.892	0.100	2.8926	50.0
4-Nitroaniline	0.283	0.311	0.010	10.0465	50.0
4,6-Dinitro-2-methylphenol	0.142	0.142	0.010	0.258	50.0
N-Nitrosodiphenylamine	0.536	0.536	0.050	-0.0156	50.0
1,2,4,5-Tetrachlorobenzene	0.740	0.750	0.100	1.4146	50.0
4-Bromophenyl-phenylether	0.241	0.250	0.070	3.513	50.0
Hexachlorobenzene	0.297	0.301	0.050	1.4697	50.0
Atrazine	0.223	0.237	0.010	6.5233	50.0
Pentachlorophenol	0.191	0.190	0.010	-0.6031	50.0
Phenanthrene	1.070	1.075	0.200	0.4774	50.0
Pentachlorobenzene	0.337	0.340	0.050	0.9398	50.0
Anthracene	1.068	1.078	0.200	0.9718	50.0
1,2,3,4-Tetrachlorobenzene	0.305	0.310	0.050	1.674	50.0
Carbazole	0.945	0.952	0.050	0.7418	50.0
Di-n-butylphthalate	1.045	1.098	0.500	5.0313	50.0
Fluoranthene	1.216	1.337	0.400	9.9632	50.0
Pyrene	1.303	1.401	0.400	7.505	50.0
Butylbenzylphthalate	0.454	0.502	0.100	10.6258	50.0
3,3-Dichlorobenzidine	0.477	0.506	0.010	6.0927	50.0
Benzo (a) anthracene	1.402	1.434	0.300	2.2549	50.0
Chrysene	1.300	1.305	0.200	0.4109	50.0
Bis (2-ethylhexyl) phthalate	0.651	0.713	0.200	9.457	50.0
Di-n-octyl phthalate	0.951	1.046	0.010	9.9826	50.0
Benzo (b) fluoranthene	1.259	1.332	0.200	5.8134	50.0
Benzo (k) fluoranthene	1.233	1.272	0.200	3.2382	50.0
Benzo (a) pyrene	1.159	1.159	0.200	0.0224	50.0
Indeno (1,2,3-cd) pyrene	1.546	1.545	0.200	-0.1018	50.0
Dibenzo (a,h) anthracene	1.252	1.226	0.200	-2.0857	50.0
Benzo (g,h,i) perylene	1.203	1.158	0.200	-3.7393	50.0
2,3,4,6-Tetrachlorophenol	0.462	0.507	0.040	9.6331	50.0
1,4-Dioxane-d8	0.515	0.458	0.010	-10.9484	50.0
Pyridine-d5	1.413	1.327	0.010	-6.074	50.0
Phenol-d5	1.684	1.660	0.010	-1.3886	50.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.981	0.050	-0.8572	50.0
2-Chlorophenol-d4	1.195	1.245	0.200	4.2515	50.0
4-Methylphenol-d8	1.344	1.340	0.010	-0.2326	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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Lab File ID: BP022590.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020675 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.164	0.050	6.3762	50.0
2-Nitrophenol-d4	0.178	0.196	0.050	9.9102	50.0
2,4-Dichlorophenol-d3	0.378	0.399	0.060	5.4697	50.0
4-Chloroaniline-d4	0.447	0.447	0.010	0.042	50.0
Dimethylphthalate-d6	1.589	1.638	0.300	3.072	50.0
Acenaphthylene-d8	1.688	1.765	0.400	4.6006	50.0
4-Nitrophenol-d4	0.267	0.270	0.010	1.1311	50.0
Fluorene-d10	1.378	1.419	0.100	2.9892	50.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.131	0.010	-0.1999	50.0
Anthracene-d10	0.941	0.951	0.300	1.0577	50.0
Pyrene-d10	1.058	1.140	0.300	7.809	50.0
Benzo(a)pyrene-d12	1.068	1.100	0.010	3.0043	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	SBLK325	SDG No.:	BP102424
Lab Sample ID:	PB164325BL	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
BP022583.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	SBLK325	SDG No.:	BP102424
Lab Sample ID:	PB164325BL	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
BP022583.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	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	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	SBLK325	SDG No.:	BP102424
Lab Sample ID:	PB164325BL	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
BP022583.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	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	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.593		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	22.892		20-120		57	SPK: -40
4165-62-2	Phenol-d5	24.211		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.536		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.383		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	24.547		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	25.848		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.761		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.028		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.575		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.805		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	24.42		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.624		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	24.697		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	SBLK325	SDG No.:	BP102424
Lab Sample ID:	PB164325BL	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
BP022583.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.576		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	25.273		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	26.792		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.136		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106265	7.652				
1146-65-2	Naphthalene-d8	406441	10.404				
15067-26-2	Acenaphthene-d10	322833	14.269				
1517-22-2	Phenanthrene-d10	784053	17.069				
1719-03-5	Chrysene-d12	841124	21.504				
1520-96-3	Perylene-d12	935716	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4E91	SDG No.:	BP102424
Lab Sample ID:	P4415-02	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
BP022584.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	870		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4900		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	2300		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4700	E	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	3200	E	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	980		31	42.5	170	ug/Kg
78-59-1	Isophorone	4100	E	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1200		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4600	E	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	2800	E	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	3600	E	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	5100	E	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4E91	SDG No.:	BP102424
Lab Sample ID:	P4415-02	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
BP022584.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	7400	E	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	560		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	3300	E	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	2600		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	4700	E	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	5200	E	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	7000	E	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	6500	E	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	1300		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	1300		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	4700	E	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	4900	E	54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4E91	SDG No.:	BP102424
Lab Sample ID:	P4415-02	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
BP022584.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2100		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1300		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	3700	E	27	42.5	170	ug/Kg
218-01-9	Chrysene	5800	E	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	5200	E	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	5000	E	33	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	1200		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	950		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2400		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	840		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.538		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	18.455		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.326		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.282		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	18.267		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	20.197		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.334		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.979		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.123		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.614		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	23.95		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.216		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	26.211		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4E91	SDG No.:	BP102424
Lab Sample ID:	P4415-02	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
BP022584.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.436		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	26.528		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	30.024		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.044		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110519	7.652				
1146-65-2	Naphthalene-d8	408040	10.41				
15067-26-2	Acenaphthene-d10	301851	14.281				
1517-22-2	Phenanthrene-d10	708590	17.075				
1719-03-5	Chrysene-d12	693209	21.51				
1520-96-3	Perylene-d12	830626	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	6100	J			7.999	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	130	J			9.651	
002489-86-3	Naphthalene, 1-(2-propenyl)-	80	J			15.586	
000119-61-9	Benzophenone	330	J			15.663	
000057-10-3	n-Hexadecanoic acid	260	J			18.022	
000084-65-1	9,10-Anthracenedione	140	J			18.551	
	(DEL) Alkane: Straight-Chain	69	J			18.916	
E966796	Total Alkanes	69				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4E91DL	SDG No.:	BP102424
Lab Sample ID:	P4415-02DL	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
BP022585.D	5	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	55	U	55	33	330	ug/Kg
100-52-7	Benzaldehyde	230	U	230	410	1700	ug/Kg
110-86-1	Pyridine	170	U	170	830	1700	ug/Kg
108-95-2	Phenol	840	JD	220	410	1700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	5000	D	200	410	1700	ug/Kg
95-57-8	2-Chlorophenol	2200	D	120	210	850	ug/Kg
95-48-7	2-Methylphenol	200	U	200	410	1700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	410	1700	ug/Kg
98-86-2	Acetophenone	200	U	200	410	1700	ug/Kg
106-44-5	4-Methylphenol	190	U	190	410	1700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4800	D	260	210	850	ug/Kg
67-72-1	Hexachloroethane	3200	D	90	210	850	ug/Kg
98-95-3	Nitrobenzene	920	D	160	210	850	ug/Kg
78-59-1	Isophorone	4100	D	240	210	850	ug/Kg
88-75-5	2-Nitrophenol	1100	D	160	210	850	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	210	850	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4700	D	220	210	850	ug/Kg
120-83-2	2,4-Dichlorophenol	2600	D	80	210	850	ug/Kg
91-20-3	Naphthalene	130	U	130	210	850	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	210	1700	ug/Kg
87-68-3	Hexachlorobutadiene	3500	D	220	210	850	ug/Kg
105-60-2	Caprolactam	360	U	360	410	1700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	D	250	210	850	ug/Kg
90-12-0	1-Methylnaphthalene	170	U	170	210	850	ug/Kg
91-57-6	2-Methylnaphthalene	1400	D	120	210	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	480	U	480	410	1700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4800	D	250	210	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100	D	200	210	850	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4E91DL	SDG No.:	BP102424
Lab Sample ID:	P4415-02DL	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
BP022585.D	5	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	210	850	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	210	850	ug/Kg
88-74-4	2-Nitroaniline	210	U	210	210	850	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	210	850	ug/Kg
606-20-2	2,6-Dinitrotoluene	6900	D	220	210	850	ug/Kg
208-96-8	Acenaphthylene	540	JD	160	210	850	ug/Kg
99-09-2	3-Nitroaniline	220	U	220	410	1700	ug/Kg
83-32-9	Acenaphthene	3200	D	150	210	850	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	410	1700	ug/Kg
100-02-7	4-Nitrophenol	2200	D	220	410	1700	ug/Kg
132-64-9	Dibenzofuran	160	U	160	210	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	4400	D	220	210	850	ug/Kg
84-66-2	Diethylphthalate	150	U	150	210	850	ug/Kg
86-73-7	Fluorene	5000	D	130	210	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600	D	100	210	850	ug/Kg
100-01-6	4-Nitroaniline	160	U	160	410	1700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	390	410	1700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	170	U	170	210	850	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	210	850	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200	D	150	210	850	ug/Kg
118-74-1	Hexachlorobenzene	6700	D	160	210	850	ug/Kg
1912-24-9	Atrazine	360	U	360	410	1700	ug/Kg
87-86-5	Pentachlorophenol	5900	D	370	410	1700	ug/Kg
85-01-8	Phenanthrene	1300	D	150	210	850	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	210	850	ug/Kg
120-12-7	Anthracene	1200	D	130	210	850	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	250	U	250	210	850	ug/Kg
86-74-8	Carbazole	140	U	140	410	1700	ug/Kg
84-74-2	Di-n-butylphthalate	4800	D	310	210	850	ug/Kg
206-44-0	Fluoranthene	5000	D	270	410	850	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4E91DL	SDG No.:	BP102424
Lab Sample ID:	P4415-02DL	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
BP022585.D	5	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2000	D	250	210	850	ug/Kg
85-68-7	Butylbenzylphthalate	1300	D	420	210	850	ug/Kg
91-94-1	3,3-Dichlorobenzidine	240	U	240	410	1700	ug/Kg
56-55-3	Benzo(a)anthracene	3700	D	140	210	850	ug/Kg
218-01-9	Chrysene	5600	D	160	210	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	5100	D	480	210	850	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	410	1700	ug/Kg
205-99-2	Benzo(b)fluoranthene	4900	D	170	210	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	190	210	850	ug/Kg
50-32-8	Benzo(a)pyrene	1100	D	160	210	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	860	D	160	210	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2200	D	140	210	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	770	JD	130	210	850	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	170	210	850	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.305		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	17.405		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.185		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.65		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	17.25		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	19.045		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.605		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.525		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.37		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.29		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	22.415		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.71		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	25.16		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4E91DL	SDG No.:	BP102424
Lab Sample ID:	P4415-02DL	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
BP022585.D	5	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.285		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	26.355		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	29.255		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.63		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104656	7.657				
1146-65-2	Naphthalene-d8	402161	10.404				
15067-26-2	Acenaphthene-d10	311291	14.263				
1517-22-2	Phenanthrene-d10	751925	17.063				
1719-03-5	Chrysene-d12	754860	21.51				
1520-96-3	Perylene-d12	896512	24.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	5200	JD			7.999	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA103	SDG No.:	BP102424
Lab Sample ID:	P4476-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022586.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	66	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.2	330	ug/Kg
110-86-1	Pyridine	33	U	33	160	330	ug/Kg
108-95-2	Phenol	2800		43	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	7200	E	40	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	6200	E	23	42.4	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.2	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.2	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2800	E	51	42.4	170	ug/Kg
67-72-1	Hexachloroethane	2600		18	42.4	170	ug/Kg
98-95-3	Nitrobenzene	3500	E	31	42.4	170	ug/Kg
78-59-1	Isophorone	6800	E	48	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	3600	E	31	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	3700	E	16	42.4	170	ug/Kg
91-20-3	Naphthalene	3200	E	25	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	3000	E	44	42.4	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		49	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	5700	E	23	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2300		49	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3500	E	39	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA103	SDG No.:	BP102424
Lab Sample ID:	P4476-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022586.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	4600	E	26	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	7300	E	44	42.4	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.2	330	ug/Kg
83-32-9	Acenaphthene	5500	E	29	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	4200		44	82.2	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	2400		43	42.4	170	ug/Kg
84-66-2	Diethylphthalate	6800	E	30	42.4	170	ug/Kg
86-73-7	Fluorene	1400		25	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	6100	E	20	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.4	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	8000	E	74	82.2	330	ug/Kg
85-01-8	Phenanthrene	8000	E	29	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.4	170	ug/Kg
120-12-7	Anthracene	2100		25	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.4	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	4700	E	61	42.4	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA103	SDG No.:	BP102424
Lab Sample ID:	P4476-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022586.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	8000	E	84	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.4	170	ug/Kg
218-01-9	Chrysene	1100		31	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	7400	E	76	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	2700	E	33	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	2100		32	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.72		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	27.724		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.688		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.795		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	28.952		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	30.249		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.998		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.139		10-140		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.74		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.841		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	31.989		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.16		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	32.937		20-140		82	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA103	SDG No.:	BP102424
Lab Sample ID:	P4476-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022586.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.502		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	36.132		10-150		90	SPK: -40
1718-52-1	Pyrene-d10	38.703		10-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.385		10-140		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97938	7.646				
1146-65-2	Naphthalene-d8	370297	10.399				
15067-26-2	Acenaphthene-d10	290556	14.263				
1517-22-2	Phenanthrene-d10	666104	17.075				
1719-03-5	Chrysene-d12	684877	21.516				
1520-96-3	Perylene-d12	801695	24.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	350	J			7.534	
000541-73-1	Benzene, 1,3-dichloro-	170	J			7.987	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	230	J			9.652	
014315-11-8	Benzo[b]thiophene, 4-methyl-	170	J			11.957	
000475-20-7	Longifolene	100	J			13.522	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	83	J			14.91	
000119-61-9	Benzophenone	370	J			15.651	
000112-39-0	Hexadecanoic acid, methyl ester	110	J			17.781	
000057-10-3	n-Hexadecanoic acid	560	J			18.022	
000084-65-1	9,10-Anthracenedione	200	J			18.551	
032624-67-2	10,18-Bisnorabieta-8,11,13-triene	69	J			18.898	
000057-11-4	Octadecanoic acid	180	J			19.351	
006929-04-0	Hexadecanoic acid, 15-methyl-, met	200	J			20.292	
001740-19-8	Dehydroabietic acid	130	J			21.133	
	(DEL) Alkane: Straight-Chain21.180	350	J			21.18	
000112-61-8	Methyl stearate	170	J			21.345	
002442-49-1	Tetracosanoic acid, methyl ester	190	J			22.58	

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA103	SDG No.:	BP102424
Lab Sample ID:	P4476-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022586.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	350				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA103DL	SDG No.:	BP102424
Lab Sample ID:	P4476-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022587.D	5	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	55	U	55	32.9	330	ug/Kg
100-52-7	Benzaldehyde	220	U	220	410	1600	ug/Kg
110-86-1	Pyridine	160	U	160	820	1600	ug/Kg
108-95-2	Phenol	2800	D	210	410	1600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	7300	D	200	410	1600	ug/Kg
95-57-8	2-Chlorophenol	6300	D	110	210	850	ug/Kg
95-48-7	2-Methylphenol	190	U	190	410	1600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	410	1600	ug/Kg
98-86-2	Acetophenone	200	U	200	410	1600	ug/Kg
106-44-5	4-Methylphenol	180	U	180	410	1600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2800	D	250	210	850	ug/Kg
67-72-1	Hexachloroethane	2600	D	90	210	850	ug/Kg
98-95-3	Nitrobenzene	3600	D	150	210	850	ug/Kg
78-59-1	Isophorone	7100	D	240	210	850	ug/Kg
88-75-5	2-Nitrophenol	3600	D	150	210	850	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	210	850	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	210	U	210	210	850	ug/Kg
120-83-2	2,4-Dichlorophenol	3700	D	80	210	850	ug/Kg
91-20-3	Naphthalene	3300	D	120	210	850	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	210	1600	ug/Kg
87-68-3	Hexachlorobutadiene	3000	D	220	210	850	ug/Kg
105-60-2	Caprolactam	360	U	360	410	1600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700	D	240	210	850	ug/Kg
90-12-0	1-Methylnaphthalene	160	U	160	210	850	ug/Kg
91-57-6	2-Methylnaphthalene	6100	D	110	210	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	410	1600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2200	D	240	210	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3400	D	190	210	850	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA103DL	SDG No.:	BP102424
Lab Sample ID:	P4476-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022587.D	5	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	210	850	ug/Kg
91-58-7	2-Chloronaphthalene	4800	D	130	210	850	ug/Kg
88-74-4	2-Nitroaniline	200	U	200	210	850	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	210	850	ug/Kg
606-20-2	2,6-Dinitrotoluene	7200	D	220	210	850	ug/Kg
208-96-8	Acenaphthylene	160	U	160	210	850	ug/Kg
99-09-2	3-Nitroaniline	220	U	220	410	1600	ug/Kg
83-32-9	Acenaphthene	5700	D	140	210	850	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	410	1600	ug/Kg
100-02-7	4-Nitrophenol	4100	D	220	410	1600	ug/Kg
132-64-9	Dibenzofuran	160	U	160	210	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	2400	D	210	210	850	ug/Kg
84-66-2	Diethylphthalate	7400	D	150	210	850	ug/Kg
86-73-7	Fluorene	1500	D	120	210	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	6500	D	100	210	850	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	410	1600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	410	1600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	160	U	160	210	850	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	210	850	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	U	140	210	850	ug/Kg
118-74-1	Hexachlorobenzene	160	U	160	210	850	ug/Kg
1912-24-9	Atrazine	350	U	350	410	1600	ug/Kg
87-86-5	Pentachlorophenol	7300	D	370	410	1600	ug/Kg
85-01-8	Phenanthrene	8200	D	140	210	850	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	210	850	ug/Kg
120-12-7	Anthracene	2100	D	120	210	850	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	250	U	250	210	850	ug/Kg
86-74-8	Carbazole	140	U	140	410	1600	ug/Kg
84-74-2	Di-n-butylphthalate	4700	D	300	210	850	ug/Kg
206-44-0	Fluoranthene	270	U	270	410	850	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA103DL	SDG No.:	BP102424
Lab Sample ID:	P4476-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022587.D	5	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	240	U	240	210	850	ug/Kg
85-68-7	Butylbenzylphthalate	8000	D	420	210	850	ug/Kg
91-94-1	3,3-Dichlorobenzidine	240	U	240	410	1600	ug/Kg
56-55-3	Benzo(a)anthracene	130	U	130	210	850	ug/Kg
218-01-9	Chrysene	1100	D	150	210	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	480	U	480	210	850	ug/Kg
117-84-0	Di-n-octyl phthalate	7500	D	380	410	1600	ug/Kg
205-99-2	Benzo(b)fluoranthene	2600	D	160	210	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	190	210	850	ug/Kg
50-32-8	Benzo(a)pyrene	2100	D	160	210	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	U	150	210	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	210	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	210	850	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	U	160	210	850	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.645		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	27.46		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.94		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.045		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	28.055		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	29.66		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.775		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.16		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.26		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.735		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	32.12		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.705		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	34.12		20-140		85	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	XA103DL	SDG No.:	BP102424
Lab Sample ID:	P4476-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022587.D	5	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.515		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	35		10-150		88	SPK: -40
1718-52-1	Pyrene-d10	38.14		10-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.31		10-140		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90183	7.628				
1146-65-2	Naphthalene-d8	340055	10.387				
15067-26-2	Acenaphthene-d10	273532	14.257				
1517-22-2	Phenanthrene-d10	687600	17.081				
1719-03-5	Chrysene-d12	741033	21.522				
1520-96-3	Perylene-d12	868531	24.798				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-73-1	Benzene, 1,3-dichloro-	4100	JD			7.517	
000095-50-1	Benzene, 1,2-dichloro-	2000	JD			7.975	
000119-61-9	Benzophenone	380	JD			15.663	
000057-10-3	n-Hexadecanoic acid	420	JD			18.01	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4E97	SDG No.:	BP102424
Lab Sample ID:	P4436-02	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
BP022588.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	1000		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	5600	E	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	2600		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	5700	E	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	3900	E	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1100		31	42.5	170	ug/Kg
78-59-1	Isophorone	4600	E	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1400		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	5300	E	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	3000	E	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	4100	E	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	5500	E	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4E97	SDG No.:	BP102424
Lab Sample ID:	P4436-02	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
BP022588.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	8200	E	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	610		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	3500	E	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	2700		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	5300	E	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	5500	E	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	7900	E	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	7300	E	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	1500		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	1400		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	5300	E	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	5400	E	54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4E97	SDG No.:	BP102424
Lab Sample ID:	P4436-02	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
BP022588.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2300		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1400		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	4000	E	27	42.5	170	ug/Kg
218-01-9	Chrysene	6200	E	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	5700	E	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	5700	E	33	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	1200		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2700		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	930		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.621		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	19.174		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.675		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.237		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	19.68		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	20.375		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.626		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.507		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.963		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.15		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	23.507		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.359		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	25.702		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4E97	SDG No.:	BP102424
Lab Sample ID:	P4436-02	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
BP022588.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.575		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	26.805		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	29.673		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.879		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91448	7.652				
1146-65-2	Naphthalene-d8	358582	10.41				
15067-26-2	Acenaphthene-d10	266700	14.275				
1517-22-2	Phenanthrene-d10	624220	17.069				
1719-03-5	Chrysene-d12	626428	21.516				
1520-96-3	Perylene-d12	728971	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000095-50-1	Benzene, 1,2-dichloro-	610	J			7.999	
001125-21-9	2,6,6-Trimethyl-2-cyclohexene-1,4-	140	J			9.658	
000608-93-5	Benzene, pentachloro-	84	J			14.599	
000643-58-3	1,1-Biphenyl, 2-methyl-	89	J			15.592	
000119-61-9	Benzophenone	260	J			15.64	
006306-07-6	1-Acenaphthenol	89	J			16.01	
000057-10-3	n-Hexadecanoic acid	270	J			18.004	
000084-65-1	9,10-Anthracenedione	180	J			18.557	
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4E97DL	SDG No.:	BP102424
Lab Sample ID:	P4436-02DL	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
BP022589.D	5	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	55	U	55	33	330	ug/Kg
100-52-7	Benzaldehyde	230	U	230	410	1700	ug/Kg
110-86-1	Pyridine	170	U	170	830	1700	ug/Kg
108-95-2	Phenol	920	JD	220	410	1700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	5500	D	200	410	1700	ug/Kg
95-57-8	2-Chlorophenol	2400	D	120	210	850	ug/Kg
95-48-7	2-Methylphenol	200	U	200	410	1700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	410	1700	ug/Kg
98-86-2	Acetophenone	200	U	200	410	1700	ug/Kg
106-44-5	4-Methylphenol	190	U	190	410	1700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	5400	D	260	210	850	ug/Kg
67-72-1	Hexachloroethane	3600	D	90	210	850	ug/Kg
98-95-3	Nitrobenzene	1000	D	160	210	850	ug/Kg
78-59-1	Isophorone	4500	D	240	210	850	ug/Kg
88-75-5	2-Nitrophenol	1200	D	160	210	850	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	210	850	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	5200	D	220	210	850	ug/Kg
120-83-2	2,4-Dichlorophenol	2900	D	80	210	850	ug/Kg
91-20-3	Naphthalene	130	U	130	210	850	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	210	1700	ug/Kg
87-68-3	Hexachlorobutadiene	3900	D	220	210	850	ug/Kg
105-60-2	Caprolactam	360	U	360	410	1700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200	D	250	210	850	ug/Kg
90-12-0	1-Methylnaphthalene	170	U	170	210	850	ug/Kg
91-57-6	2-Methylnaphthalene	1500	D	120	210	850	ug/Kg
77-47-4	Hexachlorocyclopentadiene	480	U	480	410	1700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	5100	D	250	210	850	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100	D	200	210	850	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4E97DL	SDG No.:	BP102424
Lab Sample ID:	P4436-02DL	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
BP022589.D	5	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	U	120	210	850	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	210	850	ug/Kg
88-74-4	2-Nitroaniline	210	U	210	210	850	ug/Kg
131-11-3	Dimethylphthalate	150	U	150	210	850	ug/Kg
606-20-2	2,6-Dinitrotoluene	7500	D	220	210	850	ug/Kg
208-96-8	Acenaphthylene	580	JD	160	210	850	ug/Kg
99-09-2	3-Nitroaniline	220	U	220	410	1700	ug/Kg
83-32-9	Acenaphthene	3500	D	150	210	850	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	410	1700	ug/Kg
100-02-7	4-Nitrophenol	2300	D	220	410	1700	ug/Kg
132-64-9	Dibenzofuran	160	U	160	210	850	ug/Kg
121-14-2	2,4-Dinitrotoluene	4900	D	220	210	850	ug/Kg
84-66-2	Diethylphthalate	150	U	150	210	850	ug/Kg
86-73-7	Fluorene	5500	D	130	210	850	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700	D	100	210	850	ug/Kg
100-01-6	4-Nitroaniline	160	U	160	410	1700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	390	410	1700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	170	U	170	210	850	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	210	850	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300	D	150	210	850	ug/Kg
118-74-1	Hexachlorobenzene	7400	D	160	210	850	ug/Kg
1912-24-9	Atrazine	360	U	360	410	1700	ug/Kg
87-86-5	Pentachlorophenol	6700	D	370	410	1700	ug/Kg
85-01-8	Phenanthrene	1400	D	150	210	850	ug/Kg
608-93-5	Pentachlorobenzene	260	U	260	210	850	ug/Kg
120-12-7	Anthracene	1400	D	130	210	850	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	250	U	250	210	850	ug/Kg
86-74-8	Carbazole	140	U	140	410	1700	ug/Kg
84-74-2	Di-n-butylphthalate	5300	D	310	210	850	ug/Kg
206-44-0	Fluoranthene	5100	D	270	410	850	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4E97DL	SDG No.:	BP102424
Lab Sample ID:	P4436-02DL	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
BP022589.D	5	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2100	D	250	210	850	ug/Kg
85-68-7	Butylbenzylphthalate	1300	D	420	210	850	ug/Kg
91-94-1	3,3-Dichlorobenzidine	240	U	240	410	1700	ug/Kg
56-55-3	Benzo(a)anthracene	4000	D	140	210	850	ug/Kg
218-01-9	Chrysene	6200	D	160	210	850	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	5700	D	480	210	850	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	410	1700	ug/Kg
205-99-2	Benzo(b)fluoranthene	5500	D	170	210	850	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	190	210	850	ug/Kg
50-32-8	Benzo(a)pyrene	1200	D	160	210	850	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	990	D	160	210	850	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2600	D	140	210	850	ug/Kg
191-24-2	Benzo(g,h,i)perylene	880	D	130	210	850	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	170	210	850	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.215		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	1.7	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	17.27		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.38		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.46		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	16.065		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	19.23		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.185		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.875		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.6		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.245		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	21.7		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.585		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	25		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4E97DL	SDG No.:	BP102424
Lab Sample ID:	P4436-02DL	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
BP022589.D	5	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.91		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	25.885		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	27.36		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.315		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95255	7.657				
1146-65-2	Naphthalene-d8	357832	10.41				
15067-26-2	Acenaphthene-d10	274351	14.269				
1517-22-2	Phenanthrene-d10	673580	17.086				
1719-03-5	Chrysene-d12	743249	21.527				
1520-96-3	Perylene-d12	899918	24.803				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-46-7	Benzene, 1,4-dichloro-	5700	JD			7.998	
E966796	Total Alkanes	120	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	SBLK352	SDG No.:	BP102424
Lab Sample ID:	PB164352BL	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
BP022591.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	SBLK352	SDG No.:	BP102424
Lab Sample ID:	PB164352BL	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
BP022591.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	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	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	SBLK352	SDG No.:	BP102424
Lab Sample ID:	PB164352BL	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
BP022591.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	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	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.125		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	20.847		20-120		52	SPK: -40
4165-62-2	Phenol-d5	21.985		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.935		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.731		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	23.33		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	24.383		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.688		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.712		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.459		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.732		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	23.955		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.187		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	23.862		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	10/23/2024 12:00:00 AM
Project:		Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	SBLK352	SDG No.:	BP102424
Lab Sample ID:	PB164352BL	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
BP022591.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.684		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	24.704		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	25.416		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.597		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119340	7.651				
1146-65-2	Naphthalene-d8	461090	10.41				
15067-26-2	Acenaphthene-d10	348338	14.269				
1517-22-2	Phenanthrene-d10	829210	17.08				
1719-03-5	Chrysene-d12	878338	21.504				
1520-96-3	Perylene-d12	965873	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44	SDG No.:	BP102424
Lab Sample ID:	P4415-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022592.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	11.9	120	ug/Kg
100-52-7	Benzaldehyde	81	U	81	150	600	ug/Kg
110-86-1	Pyridine	60	U	60	300	600	ug/Kg
108-95-2	Phenol	78	U	78	150	600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	72	U	72	150	600	ug/Kg
95-57-8	2-Chlorophenol	42	U	42	76.7	310	ug/Kg
95-48-7	2-Methylphenol	70	U	70	150	600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	600	ug/Kg
98-86-2	Acetophenone	120	J	72	150	600	ug/Kg
106-44-5	4-Methylphenol	67	U	67	150	600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	76.7	310	ug/Kg
67-72-1	Hexachloroethane	32	U	32	76.7	310	ug/Kg
98-95-3	Nitrobenzene	56	U	56	76.7	310	ug/Kg
78-59-1	Isophorone	87	U	87	76.7	310	ug/Kg
88-75-5	2-Nitrophenol	56	U	56	76.7	310	ug/Kg
105-67-9	2,4-Dimethylphenol	45	U	45	76.7	310	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	78	U	78	76.7	310	ug/Kg
120-83-2	2,4-Dichlorophenol	29	U	29	76.7	310	ug/Kg
91-20-3	Naphthalene	45	U	45	76.7	310	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	76.7	600	ug/Kg
87-68-3	Hexachlorobutadiene	79	U	79	76.7	310	ug/Kg
105-60-2	Caprolactam	130	U	130	150	600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	88	U	88	76.7	310	ug/Kg
90-12-0	1-Methylnaphthalene	60	U	60	76.7	310	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	76.7	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	150	600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88	U	88	76.7	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	70	U	70	76.7	310	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44	SDG No.:	BP102424
Lab Sample ID:	P4415-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022592.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	43	U	43	76.7	310	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	76.7	310	ug/Kg
88-74-4	2-Nitroaniline	74	U	74	76.7	310	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	76.7	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	79	U	79	76.7	310	ug/Kg
208-96-8	Acenaphthylene	58	U	58	76.7	310	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	150	600	ug/Kg
83-32-9	Acenaphthene	52	U	52	76.7	310	ug/Kg
51-28-5	2,4-Dinitrophenol	87	U	87	150	600	ug/Kg
100-02-7	4-Nitrophenol	79	U	79	150	600	ug/Kg
132-64-9	Dibenzofuran	58	U	58	76.7	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	78	U	78	76.7	310	ug/Kg
84-66-2	Diethylphthalate	54	U	54	76.7	310	ug/Kg
86-73-7	Fluorene	45	U	45	76.7	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	36	U	36	76.7	310	ug/Kg
100-01-6	4-Nitroaniline	56	U	56	150	600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	150	600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	60	76.7	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	76.7	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	76.7	310	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	76.7	310	ug/Kg
1912-24-9	Atrazine	130	U	130	150	600	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	150	600	ug/Kg
85-01-8	Phenanthrene	71	J	52	76.7	310	ug/Kg
608-93-5	Pentachlorobenzene	94	U	94	76.7	310	ug/Kg
120-12-7	Anthracene	45	U	45	76.7	310	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	90	U	90	76.7	310	ug/Kg
86-74-8	Carbazole	51	U	51	150	600	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	76.7	310	ug/Kg
206-44-0	Fluoranthene	150	J	97	150	310	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44	SDG No.:	BP102424
Lab Sample ID:	P4415-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022592.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	88	U	88	76.7	310	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	76.7	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	87	U	87	150	600	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	76.7	310	ug/Kg
218-01-9	Chrysene	71	J	56	76.7	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	76.7	310	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	150	600	ug/Kg
205-99-2	Benzo(b)fluoranthene	76	J	60	76.7	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	69	U	69	76.7	310	ug/Kg
50-32-8	Benzo(a)pyrene	58	U	58	76.7	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	56	U	56	76.7	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51	U	51	76.7	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	U	47	76.7	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	76.7	310	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.23		15-120		15	SPK: -8
7291-22-7	Pyridine-d5	0.91	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	6.974		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.025		10-150		18	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.265		15-120		18	SPK: -40
190780-66-6	4-Methylphenol-d8	6.461		10-140		16	SPK: -40
4165-60-0	Nitrobenzene-d5	7.025		10-135		18	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.999		10-120		17	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.102		10-140		18	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.614		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.983		10-145		20	SPK: -40
93951-97-4	Acenaphthylene-d8	7.354		15-120		18	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.596		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	8.034		20-140		20	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44	SDG No.:	BP102424
Lab Sample ID:	P4415-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022592.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.943		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	8.083		10-150		20	SPK: -40
1718-52-1	Pyrene-d10	7.47		10-130		19	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.965		10-140		12	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97288	7.652				
1146-65-2	Naphthalene-d8	377286	10.404				
15067-26-2	Acenaphthene-d10	288976	14.269				
1517-22-2	Phenanthrene-d10	676101	17.081				
1719-03-5	Chrysene-d12	715921	21.504				
1520-96-3	Perylene-d12	891990	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain23.910	470	J			23.91	
E966796	Total Alkanes	470				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44MS	SDG No.:	BP102424
Lab Sample ID:	P4415-22MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30.07	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
BP022593.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	220		20	11.9	120	ug/Kg
100-52-7	Benzaldehyde	160	J	81	150	590	ug/Kg
110-86-1	Pyridine	320	J	59	300	590	ug/Kg
108-95-2	Phenol	690		77	150	590	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	650		72	150	590	ug/Kg
95-57-8	2-Chlorophenol	670		41	76.5	310	ug/Kg
95-48-7	2-Methylphenol	610		70	150	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	670		110	150	590	ug/Kg
98-86-2	Acetophenone	800		72	150	590	ug/Kg
106-44-5	4-Methylphenol	640		67	150	590	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	670		92	76.5	310	ug/Kg
67-72-1	Hexachloroethane	430		32	76.5	310	ug/Kg
98-95-3	Nitrobenzene	660		56	76.5	310	ug/Kg
78-59-1	Isophorone	710		86	76.5	310	ug/Kg
88-75-5	2-Nitrophenol	680		56	76.5	310	ug/Kg
105-67-9	2,4-Dimethylphenol	350		45	76.5	310	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	690		77	76.5	310	ug/Kg
120-83-2	2,4-Dichlorophenol	730		29	76.5	310	ug/Kg
91-20-3	Naphthalene	690		45	76.5	310	ug/Kg
106-47-8	4-Chloroaniline	330	J	43	76.5	590	ug/Kg
87-68-3	Hexachlorobutadiene	730		79	76.5	310	ug/Kg
105-60-2	Caprolactam	700		130	150	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	720		88	76.5	310	ug/Kg
90-12-0	1-Methylnaphthalene	700		59	76.5	310	ug/Kg
91-57-6	2-Methylnaphthalene	700		41	76.5	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	J	170	150	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	770		88	76.5	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	790		70	76.5	310	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44MS	SDG No.:	BP102424
Lab Sample ID:	P4415-22MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022593.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	730		43	76.5	310	ug/Kg
91-58-7	2-Chloronaphthalene	730		47	76.5	310	ug/Kg
88-74-4	2-Nitroaniline	710		74	76.5	310	ug/Kg
131-11-3	Dimethylphthalate	760		52	76.5	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	800		79	76.5	310	ug/Kg
208-96-8	Acenaphthylene	720		58	76.5	310	ug/Kg
99-09-2	3-Nitroaniline	630		79	150	590	ug/Kg
83-32-9	Acenaphthene	750		52	76.5	310	ug/Kg
51-28-5	2,4-Dinitrophenol	640		86	150	590	ug/Kg
100-02-7	4-Nitrophenol	740		79	150	590	ug/Kg
132-64-9	Dibenzofuran	760		58	76.5	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	790		77	76.5	310	ug/Kg
84-66-2	Diethylphthalate	800		54	76.5	310	ug/Kg
86-73-7	Fluorene	780		45	76.5	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	770		36	76.5	310	ug/Kg
100-01-6	4-Nitroaniline	780		56	150	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	730		140	150	590	ug/Kg
86-30-6	N-Nitrosodiphenylamine	790		59	76.5	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	700		43	76.5	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	820		52	76.5	310	ug/Kg
118-74-1	Hexachlorobenzene	530		58	76.5	310	ug/Kg
1912-24-9	Atrazine	880		130	150	590	ug/Kg
87-86-5	Pentachlorophenol	580	J	130	150	590	ug/Kg
85-01-8	Phenanthrene	870		52	76.5	310	ug/Kg
608-93-5	Pentachlorobenzene	640		94	76.5	310	ug/Kg
120-12-7	Anthracene	770		45	76.5	310	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	670		90	76.5	310	ug/Kg
86-74-8	Carbazole	680		50	150	590	ug/Kg
84-74-2	Di-n-butylphthalate	870		110	76.5	310	ug/Kg
206-44-0	Fluoranthene	1000		97	150	310	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44MS	SDG No.:	BP102424
Lab Sample ID:	P4415-22MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022593.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	660		88	76.5	310	ug/Kg
85-68-7	Butylbenzylphthalate	900		150	76.5	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	450	J	86	150	590	ug/Kg
56-55-3	Benzo(a)anthracene	890		49	76.5	310	ug/Kg
218-01-9	Chrysene	880		56	76.5	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	960		170	76.5	310	ug/Kg
117-84-0	Di-n-octyl phthalate	910		140	150	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	880		59	76.5	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	850		68	76.5	310	ug/Kg
50-32-8	Benzo(a)pyrene	340		58	76.5	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	510		56	76.5	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	800		50	76.5	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61	J	47	76.5	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	790		59	76.5	310	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.165		15-120		15	SPK: -8
7291-22-7	Pyridine-d5	4.012	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	6.941		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.724		10-150		17	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.242		15-120		18	SPK: -40
190780-66-6	4-Methylphenol-d8	6.759		10-140		17	SPK: -40
4165-60-0	Nitrobenzene-d5	7.11		10-135		18	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.38		10-120		18	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.187		10-140		20	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.574		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.658		10-145		22	SPK: -40
93951-97-4	Acenaphthylene-d8	8.142		15-120		20	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.983		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	8.807		20-140		22	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44MS	SDG No.:	BP102424
Lab Sample ID:	P4415-22MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022593.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.587		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	9.141		10-150		23	SPK: -40
1718-52-1	Pyrene-d10	7.792		10-130		19	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.763		10-140		12	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120476	7.652				
1146-65-2	Naphthalene-d8	449020	10.404				
15067-26-2	Acenaphthene-d10	340846	14.269				
1517-22-2	Phenanthrene-d10	815684	17.075				
1719-03-5	Chrysene-d12	878761	21.51				
1520-96-3	Perylene-d12	1016289	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	43	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44MSD	SDG No.:	BP102424
Lab Sample ID:	P4415-23MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022594.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	250		20	11.9	120	ug/Kg
100-52-7	Benzaldehyde	170	J	81	150	590	ug/Kg
110-86-1	Pyridine	340	J	59	300	590	ug/Kg
108-95-2	Phenol	730		77	150	590	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	670		72	150	590	ug/Kg
95-57-8	2-Chlorophenol	690		41	76.5	310	ug/Kg
95-48-7	2-Methylphenol	650		70	150	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	690		110	150	590	ug/Kg
98-86-2	Acetophenone	870		72	150	590	ug/Kg
106-44-5	4-Methylphenol	710		67	150	590	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	750		92	76.5	310	ug/Kg
67-72-1	Hexachloroethane	460		32	76.5	310	ug/Kg
98-95-3	Nitrobenzene	630		56	76.5	310	ug/Kg
78-59-1	Isophorone	700		86	76.5	310	ug/Kg
88-75-5	2-Nitrophenol	680		56	76.5	310	ug/Kg
105-67-9	2,4-Dimethylphenol	350		45	76.5	310	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	690		77	76.5	310	ug/Kg
120-83-2	2,4-Dichlorophenol	730		29	76.5	310	ug/Kg
91-20-3	Naphthalene	710		45	76.5	310	ug/Kg
106-47-8	4-Chloroaniline	340	J	43	76.5	590	ug/Kg
87-68-3	Hexachlorobutadiene	720		79	76.5	310	ug/Kg
105-60-2	Caprolactam	770		130	150	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	800		88	76.5	310	ug/Kg
90-12-0	1-Methylnaphthalene	740		59	76.5	310	ug/Kg
91-57-6	2-Methylnaphthalene	750		41	76.5	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	270	J	170	150	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	780		88	76.5	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	810		70	76.5	310	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44MSD	SDG No.:	BP102424
Lab Sample ID:	P4415-23MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022594.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	750		43	76.5	310	ug/Kg
91-58-7	2-Chloronaphthalene	740		47	76.5	310	ug/Kg
88-74-4	2-Nitroaniline	770		74	76.5	310	ug/Kg
131-11-3	Dimethylphthalate	790		52	76.5	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	810		79	76.5	310	ug/Kg
208-96-8	Acenaphthylene	730		58	76.5	310	ug/Kg
99-09-2	3-Nitroaniline	660		79	150	590	ug/Kg
83-32-9	Acenaphthene	780		52	76.5	310	ug/Kg
51-28-5	2,4-Dinitrophenol	640		86	150	590	ug/Kg
100-02-7	4-Nitrophenol	750		79	150	590	ug/Kg
132-64-9	Dibenzofuran	770		58	76.5	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	840		77	76.5	310	ug/Kg
84-66-2	Diethylphthalate	820		54	76.5	310	ug/Kg
86-73-7	Fluorene	800		45	76.5	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	810		36	76.5	310	ug/Kg
100-01-6	4-Nitroaniline	840		56	150	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	750		140	150	590	ug/Kg
86-30-6	N-Nitrosodiphenylamine	800		59	76.5	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	680		43	76.5	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	840		52	76.5	310	ug/Kg
118-74-1	Hexachlorobenzene	530		58	76.5	310	ug/Kg
1912-24-9	Atrazine	880		130	150	590	ug/Kg
87-86-5	Pentachlorophenol	570	J	130	150	590	ug/Kg
85-01-8	Phenanthrene	870		52	76.5	310	ug/Kg
608-93-5	Pentachlorobenzene	640		94	76.5	310	ug/Kg
120-12-7	Anthracene	770		45	76.5	310	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	670		90	76.5	310	ug/Kg
86-74-8	Carbazole	690		50	150	590	ug/Kg
84-74-2	Di-n-butylphthalate	870		110	76.5	310	ug/Kg
206-44-0	Fluoranthene	1100		97	150	310	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44MSD	SDG No.:	BP102424
Lab Sample ID:	P4415-23MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022594.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	680		88	76.5	310	ug/Kg
85-68-7	Butylbenzylphthalate	920		150	76.5	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	450	J	86	150	590	ug/Kg
56-55-3	Benzo(a)anthracene	880		49	76.5	310	ug/Kg
218-01-9	Chrysene	880		56	76.5	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	940		170	76.5	310	ug/Kg
117-84-0	Di-n-octyl phthalate	910		140	150	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	910		59	76.5	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	870		68	76.5	310	ug/Kg
50-32-8	Benzo(a)pyrene	350		58	76.5	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	540		56	76.5	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	840		50	76.5	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62	J	47	76.5	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	820		59	76.5	310	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.172		15-120		15	SPK: -8
7291-22-7	Pyridine-d5	4.19	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	7.103		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.928		10-150		17	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.421		15-120		19	SPK: -40
190780-66-6	4-Methylphenol-d8	7.602		10-140		19	SPK: -40
4165-60-0	Nitrobenzene-d5	7.124		10-135		18	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.244		10-120		18	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.541		10-140		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.763		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.038		10-145		23	SPK: -40
93951-97-4	Acenaphthylene-d8	8.386		15-120		21	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.526		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	9.068		20-140		23	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F44MSD	SDG No.:	BP102424
Lab Sample ID:	P4415-23MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.6
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022594.D	1	10/22/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.677		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	9.027		10-150		23	SPK: -40
1718-52-1	Pyrene-d10	7.916		10-130		20	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.957		10-140		12	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	105183	7.652				
1146-65-2	Naphthalene-d8	440512	10.405				
15067-26-2	Acenaphthene-d10	353542	14.257				
1517-22-2	Phenanthrene-d10	859158	17.063				
1719-03-5	Chrysene-d12	876028	21.516				
1520-96-3	Perylene-d12	994871	24.792				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	43	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68	SDG No.:	BP102424
Lab Sample ID:	P4435-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
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
BP022595.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.2	72	ug/Kg
100-52-7	Benzaldehyde	49	U	49	89.7	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	89.7	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	89.7	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.2	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	89.7	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	65	89.7	360	ug/Kg
98-86-2	Acetophenone	43	U	43	89.7	360	ug/Kg
106-44-5	4-Methylphenol	40	U	40	89.7	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	55	U	55	46.2	180	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.2	180	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.2	180	ug/Kg
78-59-1	Isophorone	52	U	52	46.2	180	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	46.2	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.2	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	46.2	180	ug/Kg
91-20-3	Naphthalene	27	U	27	46.2	180	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.2	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46.2	180	ug/Kg
105-60-2	Caprolactam	78	U	78	89.7	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	46.2	180	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	89.7	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	46.2	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	46.2	180	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68	SDG No.:	BP102424
Lab Sample ID:	P4435-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
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
BP022595.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.2	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	46.2	180	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.2	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.2	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46.2	180	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.2	180	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	89.7	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.2	180	ug/Kg
51-28-5	2,4-Dinitrophenol	52	U	52	89.7	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	89.7	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.2	180	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.2	180	ug/Kg
86-73-7	Fluorene	27	U	27	46.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.2	180	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	89.7	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84	U	84	89.7	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.2	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.2	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.2	180	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.2	180	ug/Kg
1912-24-9	Atrazine	77	U	77	89.7	360	ug/Kg
87-86-5	Pentachlorophenol	80	U	80	89.7	360	ug/Kg
85-01-8	Phenanthrene	32	U	32	46.2	180	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.2	180	ug/Kg
120-12-7	Anthracene	27	U	27	46.2	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	54	U	54	46.2	180	ug/Kg
86-74-8	Carbazole	30	U	30	89.7	360	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	46.2	180	ug/Kg
206-44-0	Fluoranthene	59	U	59	89.7	180	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68	SDG No.:	BP102424
Lab Sample ID:	P4435-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
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
BP022595.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	46.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	91	U	91	46.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	89.7	360	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	46.2	180	ug/Kg
218-01-9	Chrysene	34	U	34	46.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	46.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	83	U	83	89.7	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	36	46.2	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	46.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	46.2	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	46.2	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	46.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	46.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.2	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.465		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	16.03		20-120		40	SPK: -40
4165-62-2	Phenol-d5	21.022		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.401		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.149		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	22.105		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	22.827		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.201		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.021		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.7		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.798		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	24.839		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.197		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	25.69		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68	SDG No.:	BP102424
Lab Sample ID:	P4435-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
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
BP022595.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.546		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	25.67		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	27.423		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.875		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125326	7.652				
1146-65-2	Naphthalene-d8	465834	10.404				
15067-26-2	Acenaphthene-d10	360433	14.263				
1517-22-2	Phenanthrene-d10	879244	17.075				
1719-03-5	Chrysene-d12	951916	21.515				
1520-96-3	Perylene-d12	1096461	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	160	J			15.645	
000057-10-3	n-Hexadecanoic acid	240	J			18.01	
959261-23-5	Heptafluorobutyric acid, pentadecy	130	J			21.186	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MS	SDG No.:	BP102424
Lab Sample ID:	P4435-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022596.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	410		12	7.2	73	ug/Kg
100-52-7	Benzaldehyde	210	J	49	89.9	360	ug/Kg
110-86-1	Pyridine	950		36	180	360	ug/Kg
108-95-2	Phenol	1100		47	89.9	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		44	89.9	360	ug/Kg
95-57-8	2-Chlorophenol	1200		25	46.3	190	ug/Kg
95-48-7	2-Methylphenol	1100		42	89.9	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		65	89.9	360	ug/Kg
98-86-2	Acetophenone	1100		44	89.9	360	ug/Kg
106-44-5	4-Methylphenol	1100		40	89.9	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		56	46.3	190	ug/Kg
67-72-1	Hexachloroethane	1100		20	46.3	190	ug/Kg
98-95-3	Nitrobenzene	1100		34	46.3	190	ug/Kg
78-59-1	Isophorone	1100		52	46.3	190	ug/Kg
88-75-5	2-Nitrophenol	1200		34	46.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		27	46.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		47	46.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		17	46.3	190	ug/Kg
91-20-3	Naphthalene	1100		27	46.3	190	ug/Kg
106-47-8	4-Chloroaniline	600		26	46.3	360	ug/Kg
87-68-3	Hexachlorobutadiene	1200		48	46.3	190	ug/Kg
105-60-2	Caprolactam	1100		78	89.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		53	46.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	1100		36	46.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	1200		25	46.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	770		100	89.9	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		53	46.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		42	46.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MS	SDG No.:	BP102424
Lab Sample ID:	P4435-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022596.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		26	46.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	1100		28	46.3	190	ug/Kg
88-74-4	2-Nitroaniline	1100		45	46.3	190	ug/Kg
131-11-3	Dimethylphthalate	1100		32	46.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		48	46.3	190	ug/Kg
208-96-8	Acenaphthylene	1100		35	46.3	190	ug/Kg
99-09-2	3-Nitroaniline	1000		48	89.9	360	ug/Kg
83-32-9	Acenaphthene	1100		32	46.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		52	89.9	360	ug/Kg
100-02-7	4-Nitrophenol	1100		48	89.9	360	ug/Kg
132-64-9	Dibenzofuran	1100		35	46.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		47	46.3	190	ug/Kg
84-66-2	Diethylphthalate	1100		33	46.3	190	ug/Kg
86-73-7	Fluorene	1100		27	46.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		22	46.3	190	ug/Kg
100-01-6	4-Nitroaniline	1300		34	89.9	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		84	89.9	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		36	46.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		26	46.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		32	46.3	190	ug/Kg
118-74-1	Hexachlorobenzene	1200		35	46.3	190	ug/Kg
1912-24-9	Atrazine	1200		77	89.9	360	ug/Kg
87-86-5	Pentachlorophenol	1100		81	89.9	360	ug/Kg
85-01-8	Phenanthrene	1100		32	46.3	190	ug/Kg
608-93-5	Pentachlorobenzene	1100		57	46.3	190	ug/Kg
120-12-7	Anthracene	1100		27	46.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		54	46.3	190	ug/Kg
86-74-8	Carbazole	1100		31	89.9	360	ug/Kg
84-74-2	Di-n-butylphthalate	1200		66	46.3	190	ug/Kg
206-44-0	Fluoranthene	1200		59	89.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MS	SDG No.:	BP102424
Lab Sample ID:	P4435-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022596.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		53	46.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	1200		92	46.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		52	89.9	360	ug/Kg
56-55-3	Benzo(a)anthracene	1200		29	46.3	190	ug/Kg
218-01-9	Chrysene	1200		34	46.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		100	46.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		83	89.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		36	46.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		41	46.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	1200		35	46.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		34	46.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		31	46.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		28	46.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		36	46.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.244		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	19.169		20-120		48	SPK: -40
4165-62-2	Phenol-d5	24.837		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.928		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.504		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	25.576		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	26.282		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.732		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.297		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.425		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.75		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	26.207		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.666		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	26.298		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MS	SDG No.:	BP102424
Lab Sample ID:	P4435-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022596.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.104		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	25.812		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	27.875		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.617		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109770	7.652				
1146-65-2	Naphthalene-d8	431881	10.416				
15067-26-2	Acenaphthene-d10	349922	14.275				
1517-22-2	Phenanthrene-d10	842586	17.087				
1719-03-5	Chrysene-d12	883770	21.51				
1520-96-3	Perylene-d12	1014139	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MSD	SDG No.:	BP102424
Lab Sample ID:	P4435-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022597.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	400		12	7.2	73	ug/Kg
100-52-7	Benzaldehyde	220	J	49	89.8	360	ug/Kg
110-86-1	Pyridine	1000		36	180	360	ug/Kg
108-95-2	Phenol	1200		47	89.8	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		44	89.8	360	ug/Kg
95-57-8	2-Chlorophenol	1200		25	46.3	190	ug/Kg
95-48-7	2-Methylphenol	1200		42	89.8	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		65	89.8	360	ug/Kg
98-86-2	Acetophenone	1100		44	89.8	360	ug/Kg
106-44-5	4-Methylphenol	1100		40	89.8	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		56	46.3	190	ug/Kg
67-72-1	Hexachloroethane	1200		20	46.3	190	ug/Kg
98-95-3	Nitrobenzene	1200		34	46.3	190	ug/Kg
78-59-1	Isophorone	1200		52	46.3	190	ug/Kg
88-75-5	2-Nitrophenol	1300		34	46.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		27	46.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1200		47	46.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		17	46.3	190	ug/Kg
91-20-3	Naphthalene	1200		27	46.3	190	ug/Kg
106-47-8	4-Chloroaniline	630		26	46.3	360	ug/Kg
87-68-3	Hexachlorobutadiene	1200		48	46.3	190	ug/Kg
105-60-2	Caprolactam	1100		78	89.8	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		53	46.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	1200		36	46.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	1200		25	46.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	870		100	89.8	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		53	46.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		42	46.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MSD	SDG No.:	BP102424
Lab Sample ID:	P4435-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022597.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200		26	46.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	1200		28	46.3	190	ug/Kg
88-74-4	2-Nitroaniline	1200		45	46.3	190	ug/Kg
131-11-3	Dimethylphthalate	1200		32	46.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		48	46.3	190	ug/Kg
208-96-8	Acenaphthylene	1200		35	46.3	190	ug/Kg
99-09-2	3-Nitroaniline	1200		48	89.8	360	ug/Kg
83-32-9	Acenaphthene	1200		32	46.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		52	89.8	360	ug/Kg
100-02-7	4-Nitrophenol	1200		48	89.8	360	ug/Kg
132-64-9	Dibenzofuran	1200		35	46.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		47	46.3	190	ug/Kg
84-66-2	Diethylphthalate	1200		33	46.3	190	ug/Kg
86-73-7	Fluorene	1200		27	46.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		22	46.3	190	ug/Kg
100-01-6	4-Nitroaniline	1400		34	89.8	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		84	89.8	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1200		36	46.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		26	46.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		32	46.3	190	ug/Kg
118-74-1	Hexachlorobenzene	1200		35	46.3	190	ug/Kg
1912-24-9	Atrazine	1300		77	89.8	360	ug/Kg
87-86-5	Pentachlorophenol	1200		81	89.8	360	ug/Kg
85-01-8	Phenanthrene	1200		32	46.3	190	ug/Kg
608-93-5	Pentachlorobenzene	1200		57	46.3	190	ug/Kg
120-12-7	Anthracene	1200		27	46.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		54	46.3	190	ug/Kg
86-74-8	Carbazole	1200		30	89.8	360	ug/Kg
84-74-2	Di-n-butylphthalate	1300		66	46.3	190	ug/Kg
206-44-0	Fluoranthene	1300		59	89.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MSD	SDG No.:	BP102424
Lab Sample ID:	P4435-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022597.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		53	46.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	1300		91	46.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		52	89.8	360	ug/Kg
56-55-3	Benzo(a)anthracene	1200		29	46.3	190	ug/Kg
218-01-9	Chrysene	1200		34	46.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		100	46.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		83	89.8	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		36	46.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		41	46.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	1200		35	46.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		34	46.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		30	46.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		28	46.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		36	46.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.208		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	20.766		20-120		52	SPK: -40
4165-62-2	Phenol-d5	26.377		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.674		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.746		15-120		67	SPK: -40
190780-66-6	4-Methylphenol-d8	26.135		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	27.656		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.677		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.25		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.612		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.95		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.535		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.396		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	28.129		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	BHK68MSD	SDG No.:	BP102424
Lab Sample ID:	P4435-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022597.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164352

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.753		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	27.946		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	29.651		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.974		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120852	7.652				
1146-65-2	Naphthalene-d8	448315	10.41				
15067-26-2	Acenaphthene-d10	337675	14.269				
1517-22-2	Phenanthrene-d10	810031	17.063				
1719-03-5	Chrysene-d12	879515	21.51				
1520-96-3	Perylene-d12	1022254	24.762				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F46	SDG No.:	BP102424
Lab Sample ID:	P4436-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022598.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	66	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.2	330	ug/Kg
110-86-1	Pyridine	33	U	33	160	330	ug/Kg
108-95-2	Phenol	43	U	43	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.4	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.2	330	ug/Kg
98-86-2	Acetophenone	71	J	40	82.2	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.4	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.4	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.4	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.4	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.4	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F46	SDG No.:	BP102424
Lab Sample ID:	P4436-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022598.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.4	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.2	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.2	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.4	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.4	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.4	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.2	330	ug/Kg
85-01-8	Phenanthrene	60	J	29	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.4	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.4	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.4	170	ug/Kg
206-44-0	Fluoranthene	120	J	54	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F46	SDG No.:	BP102424
Lab Sample ID:	P4436-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022598.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	69	J	49	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	50	J	27	42.4	170	ug/Kg
218-01-9	Chrysene	56	J	31	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	70	J	33	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.523		15-120		19	SPK: -8
7291-22-7	Pyridine-d5	0.722	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	7.655		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.742		10-150		19	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.485		15-120		21	SPK: -40
190780-66-6	4-Methylphenol-d8	7.409		10-140		19	SPK: -40
4165-60-0	Nitrobenzene-d5	7.972		10-135		20	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.574		10-120		21	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.243		10-140		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.85		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.327		10-145		23	SPK: -40
93951-97-4	Acenaphthylene-d8	8.749		15-120		22	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.144		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	9.657		20-140		24	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F46	SDG No.:	BP102424
Lab Sample ID:	P4436-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022598.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.803		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	9.462		10-150		24	SPK: -40
1718-52-1	Pyrene-d10	8.55		10-130		21	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.678		10-140		14	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106789	7.652				
1146-65-2	Naphthalene-d8	414808	10.404				
15067-26-2	Acenaphthene-d10	328246	14.275				
1517-22-2	Phenanthrene-d10	786871	17.08				
1719-03-5	Chrysene-d12	836654	21.504				
1520-96-3	Perylene-d12	997981	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	89	J			18.022	
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F48	SDG No.:	BP102424
Lab Sample ID:	P4436-06	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
BP022599.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	100	J	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F48	SDG No.:	BP102424
Lab Sample ID:	P4436-06	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
BP022599.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	51	J	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	45	J	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	67	J	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	610		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	170		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	51	J	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	810		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F48	SDG No.:	BP102424
Lab Sample ID:	P4436-06	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
BP022599.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	430		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	370		27	42.5	170	ug/Kg
218-01-9	Chrysene	330		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	430		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	J	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	J	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.356		15-120		17	SPK: -8
7291-22-7	Pyridine-d5	1.611	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	8.085		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.049		10-150		20	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.797		15-120		22	SPK: -40
190780-66-6	4-Methylphenol-d8	8.146		10-140		20	SPK: -40
4165-60-0	Nitrobenzene-d5	8.191		10-135		20	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.12		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.838		10-140		22	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.885		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.352		10-145		23	SPK: -40
93951-97-4	Acenaphthylene-d8	8.891		15-120		22	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.853		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	9.966		20-140		25	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F48	SDG No.:	BP102424
Lab Sample ID:	P4436-06	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
BP022599.D	1	10/23/2024 12:00:00 AM	10/24/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.34		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	10.169		10-150		25	SPK: -40
1718-52-1	Pyrene-d10	8.851		10-130		22	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.524		10-140		14	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119580	7.652				
1146-65-2	Naphthalene-d8	464524	10.405				
15067-26-2	Acenaphthene-d10	370077	14.269				
1517-22-2	Phenanthrene-d10	886229	17.081				
1719-03-5	Chrysene-d12	936460	21.51				
1520-96-3	Perylene-d12	1095386	24.769				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	90	J			15.663	
000057-10-3	n-Hexadecanoic acid	230	J			18.022	
000243-17-4	11H-Benzo[b]fluorene	72	J			20.11	
	(DEL) Alkane: Straight-Chain	130	J			23.91	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F52	SDG No.:	BP102424
Lab Sample ID:	P4436-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022600.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	66	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.2	330	ug/Kg
110-86-1	Pyridine	33	U	33	160	330	ug/Kg
108-95-2	Phenol	43	U	43	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.4	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.2	330	ug/Kg
98-86-2	Acetophenone	61	J	40	82.2	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.4	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.4	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.4	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.4	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.4	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F52	SDG No.:	BP102424
Lab Sample ID:	P4436-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022600.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.4	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.2	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.2	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.4	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.4	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.4	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.2	330	ug/Kg
85-01-8	Phenanthrene	84	J	29	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.4	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.4	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.4	170	ug/Kg
206-44-0	Fluoranthene	150	J	54	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F52	SDG No.:	BP102424
Lab Sample ID:	P4436-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022600.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	83	J	49	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	59	J	27	42.4	170	ug/Kg
218-01-9	Chrysene	68	J	31	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80	J	33	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.712		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	1.578	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	9.553		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.649		10-150		24	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.339		15-120		26	SPK: -40
190780-66-6	4-Methylphenol-d8	8.739		10-140		22	SPK: -40
4165-60-0	Nitrobenzene-d5	9.31		10-135		23	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.106		10-120		25	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.172		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.233		1-145		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.496		10-145		26	SPK: -40
93951-97-4	Acenaphthylene-d8	10.404		15-120		26	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.121		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	11.16		20-140		28	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F52	SDG No.:	BP102424
Lab Sample ID:	P4436-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BP022600.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.51		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	10.938		10-150		27	SPK: -40
1718-52-1	Pyrene-d10	9.781		10-130		24	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.125		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126490	7.652				
1146-65-2	Naphthalene-d8	505598	10.41				
15067-26-2	Acenaphthene-d10	400066	14.269				
1517-22-2	Phenanthrene-d10	941997	17.075				
1719-03-5	Chrysene-d12	926525	21.492				
1520-96-3	Perylene-d12	1053087	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	87	J			15.657	
000057-10-3	n-Hexadecanoic acid	100	J			18.016	
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	350	J			18.757	
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F53	SDG No.:	BP102424
Lab Sample ID:	P4436-09	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
BP022601.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	56	J	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F53	SDG No.:	BP102424
Lab Sample ID:	P4436-09	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
BP022601.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	230		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	34	J	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	300		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F53	SDG No.:	BP102424
Lab Sample ID:	P4436-09	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
BP022601.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	27	42.5	170	ug/Kg
218-01-9	Chrysene	120	J	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	J	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	38	J	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.42		15-120		18	SPK: -8
7291-22-7	Pyridine-d5	1.236	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	8.711		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.337		10-150		23	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.919		15-120		25	SPK: -40
190780-66-6	4-Methylphenol-d8	7.985		10-140		20	SPK: -40
4165-60-0	Nitrobenzene-d5	9.767		10-135		24	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.366		10-120		26	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.819		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.811		1-145		15	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.814		10-145		27	SPK: -40
93951-97-4	Acenaphthylene-d8	10.541		15-120		26	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.208		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	11.172		20-140		28	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	A4F53	SDG No.:	BP102424
Lab Sample ID:	P4436-09	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
BP022601.D	1	10/23/2024 12:00:00 AM	10/25/2024 12:00:00 AM	PB164359

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.051		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	11.165		10-150		28	SPK: -40
1718-52-1	Pyrene-d10	9.903		10-130		25	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.23		10-140		16	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145613	7.652				
1146-65-2	Naphthalene-d8	547780	10.41				
15067-26-2	Acenaphthene-d10	404335	14.263				
1517-22-2	Phenanthrene-d10	955013	17.069				
1719-03-5	Chrysene-d12	958436	21.504				
1520-96-3	Perylene-d12	1089883	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	89	J			15.651	
000057-10-3	n-Hexadecanoic acid	120	J			18.01	
	(DEL) Alkane: Straight-Chain	23.898	J			23.898	
E966796	Total Alkanes	99				99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP102424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4E91								
P4415-02	A4E91	Solid	(DEL) Alkane: Straight-Chain18.5 *	69.000	J			
P4415-02	A4E91	Solid	2,6,6-Trimethyl-2-cyclohexene-1, *	130.000	J			
P4415-02	A4E91	Solid	9,10-Anthracenedione *	140.000	J			
P4415-02	A4E91	Solid	Benzene, 1,3-dichloro-	6,100.000	J			
P4415-02	A4E91	Solid	Benzophenone *	330.000	J			
P4415-02	A4E91	Solid	n-Hexadecanoic acid *	260.000	J			
P4415-02	A4E91	Solid	Naphthalene, 1-(2-propenyl)- *	80.000	J			
P4415-02	A4E91	Solid	Total Alkanes *	69.000		24	170	ug/Kg
Total Tics :				7,178.00				
P4415-02	A4E91	Solid	2,4,5-Trichlorophenol	1,200.000		39	170	ug/Kg
P4415-02	A4E91	Solid	2,4,6-Trichlorophenol	5,100.000	E	49	170	ug/Kg
P4415-02	A4E91	Solid	2,4-Dichlorophenol	2,800.000	E	16	170	ug/Kg
P4415-02	A4E91	Solid	2,4-Dinitrotoluene	4,700.000	E	43	170	ug/Kg
P4415-02	A4E91	Solid	2,6-Dinitrotoluene	7,400.000	E	44	170	ug/Kg
P4415-02	A4E91	Solid	2-Chlorophenol	2,300.000		23	170	ug/Kg
P4415-02	A4E91	Solid	2-Methylnaphthalene	1,400.000		23	170	ug/Kg
P4415-02	A4E91	Solid	2-Nitrophenol	1,200.000		31	170	ug/Kg
P4415-02	A4E91	Solid	4-Bromophenyl-phenylether	1,300.000		29	170	ug/Kg
P4415-02	A4E91	Solid	4-Chloro-3-methylphenol	1,200.000		49	170	ug/Kg
P4415-02	A4E91	Solid	4-Chlorophenyl-phenylether	1,700.000		20	170	ug/Kg
P4415-02	A4E91	Solid	4-Nitrophenol	2,600.000		44	330	ug/Kg
P4415-02	A4E91	Solid	Acenaphthene	3,300.000	E	29	170	ug/Kg
P4415-02	A4E91	Solid	Acenaphthylene	560.000		32	170	ug/Kg
P4415-02	A4E91	Solid	Anthracene	1,300.000		25	170	ug/Kg
P4415-02	A4E91	Solid	Benzo(a)anthracene	3,700.000	E	27	170	ug/Kg
P4415-02	A4E91	Solid	Benzo(a)pyrene	1,200.000		32	170	ug/Kg
P4415-02	A4E91	Solid	Benzo(b)fluoranthene	5,000.000	E	33	170	ug/Kg
P4415-02	A4E91	Solid	Benzo(g,h,i)perylene	840.000		26	170	ug/Kg
P4415-02	A4E91	Solid	Bis(2-Chloroethoxy)methane	4,600.000	E	43	170	ug/Kg
P4415-02	A4E91	Solid	Bis(2-Chloroethyl)ether	4,900.000		40	330	ug/Kg
P4415-02	A4E91	Solid	Bis(2-ethylhexyl)phthalate	5,200.000	E	96	170	ug/Kg
P4415-02	A4E91	Solid	Butylbenzylphthalate	1,300.000		84	170	ug/Kg
P4415-02	A4E91	Solid	Chrysene	5,800.000	E	31	170	ug/Kg
P4415-02	A4E91	Solid	Di-n-butylphthalate	4,700.000	E	61	170	ug/Kg
P4415-02	A4E91	Solid	Dibenzo(a,h)anthracene	2,400.000		28	170	ug/Kg
P4415-02	A4E91	Solid	Fluoranthene	4,900.000	E	54	170	ug/Kg
P4415-02	A4E91	Solid	Fluorene	5,200.000	E	25	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP102424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4415-02	A4E91	Solid	Hexachlorobenzene	7,000.000	E	32	170	ug/Kg
P4415-02	A4E91	Solid	Hexachlorobutadiene	3,600.000	E	44	170	ug/Kg
P4415-02	A4E91	Solid	Hexachloroethane	3,200.000	E	18	170	ug/Kg
P4415-02	A4E91	Solid	Indeno(1,2,3-cd)pyrene	950.000		31	170	ug/Kg
P4415-02	A4E91	Solid	Isophorone	4,100.000	E	48	170	ug/Kg
P4415-02	A4E91	Solid	N-Nitroso-di-n-propylamine	4,700.000	E	51	170	ug/Kg
P4415-02	A4E91	Solid	Nitrobenzene	980.000		31	170	ug/Kg
P4415-02	A4E91	Solid	Pentachlorophenol	6,500.000	E	74	330	ug/Kg
P4415-02	A4E91	Solid	Phenanthrene	1,300.000		29	170	ug/Kg
P4415-02	A4E91	Solid	Phenol	870.000		43	330	ug/Kg
P4415-02	A4E91	Solid	Pyrene	2,100.000		49	170	ug/Kg
Total Svoc :				123,100.00				
Total Concentration:				130,278.00				

Client ID : A4E91DL

P4415-02DL	A4E91DL	Solid	Benzene, 1,3-dichloro-	*	5,200.000	JD		
P4415-02DL	A4E91DL	Solid	Total Alkanes	*	0.000	D	120	850 ug/Kg
Total Tics :				5,200.00				
P4415-02DL	A4E91DL	Solid	2,4,5-Trichlorophenol		1,100.000	D	200	850 ug/Kg
P4415-02DL	A4E91DL	Solid	2,4,6-Trichlorophenol		4,800.000	D	250	850 ug/Kg
P4415-02DL	A4E91DL	Solid	2,4-Dichlorophenol		2,600.000	D	80	850 ug/Kg
P4415-02DL	A4E91DL	Solid	2,4-Dinitrotoluene		4,400.000	D	220	850 ug/Kg
P4415-02DL	A4E91DL	Solid	2,6-Dinitrotoluene		6,900.000	D	220	850 ug/Kg
P4415-02DL	A4E91DL	Solid	2-Chlorophenol		2,200.000	D	120	850 ug/Kg
P4415-02DL	A4E91DL	Solid	2-Methylnaphthalene		1,400.000	D	120	850 ug/Kg
P4415-02DL	A4E91DL	Solid	2-Nitrophenol		1,100.000	D	160	850 ug/Kg
P4415-02DL	A4E91DL	Solid	4-Bromophenyl-phenylether		1,200.000	D	150	850 ug/Kg
P4415-02DL	A4E91DL	Solid	4-Chloro-3-methylphenol		1,100.000	D	250	850 ug/Kg
P4415-02DL	A4E91DL	Solid	4-Chlorophenyl-phenylether		1,600.000	D	100	850 ug/Kg
P4415-02DL	A4E91DL	Solid	4-Nitrophenol		2,200.000	D	220	1700 ug/Kg
P4415-02DL	A4E91DL	Solid	Acenaphthene		3,200.000	D	150	850 ug/Kg
P4415-02DL	A4E91DL	Solid	Acenaphthylene		540.000	JD	160	850 ug/Kg
P4415-02DL	A4E91DL	Solid	Anthracene		1,200.000	D	130	850 ug/Kg
P4415-02DL	A4E91DL	Solid	Benzo(a)anthracene		3,700.000	D	140	850 ug/Kg
P4415-02DL	A4E91DL	Solid	Benzo(a)pyrene		1,100.000	D	160	850 ug/Kg
P4415-02DL	A4E91DL	Solid	Benzo(b)fluoranthene		4,900.000	D	170	850 ug/Kg
P4415-02DL	A4E91DL	Solid	Benzo(g,h,i)perylene		770.000	JD	130	850 ug/Kg
P4415-02DL	A4E91DL	Solid	Bis(2-Chloroethoxy)methane		4,700.000	D	220	850 ug/Kg
P4415-02DL	A4E91DL	Solid	Bis(2-Chloroethyl)ether		5,000.000	D	200	1700 ug/Kg
P4415-02DL	A4E91DL	Solid	Bis(2-ethylhexyl)phthalate		5,100.000	D	480	850 ug/Kg
P4415-02DL	A4E91DL	Solid	Butylbenzylphthalate		1,300.000	D	420	850 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP102424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4415-02DL	A4E91DL	Solid	Chrysene	5,600.000	D	160	850	ug/Kg
P4415-02DL	A4E91DL	Solid	Di-n-butylphthalate	4,800.000	D	310	850	ug/Kg
P4415-02DL	A4E91DL	Solid	Dibenzo(a,h)anthracene	2,200.000	D	140	850	ug/Kg
P4415-02DL	A4E91DL	Solid	Fluoranthene	5,000.000	D	270	850	ug/Kg
P4415-02DL	A4E91DL	Solid	Fluorene	5,000.000	D	130	850	ug/Kg
P4415-02DL	A4E91DL	Solid	Hexachlorobenzene	6,700.000	D	160	850	ug/Kg
P4415-02DL	A4E91DL	Solid	Hexachlorobutadiene	3,500.000	D	220	850	ug/Kg
P4415-02DL	A4E91DL	Solid	Hexachloroethane	3,200.000	D	90	850	ug/Kg
P4415-02DL	A4E91DL	Solid	Indeno(1,2,3-cd)pyrene	860.000	D	160	850	ug/Kg
P4415-02DL	A4E91DL	Solid	Isophorone	4,100.000	D	240	850	ug/Kg
P4415-02DL	A4E91DL	Solid	N-Nitroso-di-n-propylamine	4,800.000	D	260	850	ug/Kg
P4415-02DL	A4E91DL	Solid	Nitrobenzene	920.000	D	160	850	ug/Kg
P4415-02DL	A4E91DL	Solid	Pentachlorophenol	5,900.000	D	370	1700	ug/Kg
P4415-02DL	A4E91DL	Solid	Phenanthrene	1,300.000	D	150	850	ug/Kg
P4415-02DL	A4E91DL	Solid	Phenol	840.000	JD	220	1700	ug/Kg
P4415-02DL	A4E91DL	Solid	Pyrene	2,000.000	D	250	850	ug/Kg
Total Svoc :				118,830.00				
Total Concentration:				124,030.00				

Client ID : A4F44

P4415-21	A4F44	Solid	(DEL) Alkane: Straight-Chain23.9 *	470.000	J			
P4415-21	A4F44	Solid	Total Alkanes *	470.000		43	310	ug/Kg
Total Tics :				940.00				
P4415-21	A4F44	Solid	Acetophenone	120.000	J	72	600	ug/Kg
P4415-21	A4F44	Solid	Benzo(b)fluoranthene	76.000	J	60	310	ug/Kg
P4415-21	A4F44	Solid	Chrysene	71.000	J	56	310	ug/Kg
P4415-21	A4F44	Solid	Fluoranthene	150.000	J	97	310	ug/Kg
P4415-21	A4F44	Solid	Phenanthrene	71.000	J	52	310	ug/Kg
Total Svoc :				488.00				
Total Concentration:				1,428.00				

Client ID : BHK68

P4435-01	BHK68	Solid	Benzophenone *	160.000	J			
P4435-01	BHK68	Solid	Heptafluorobutyric acid, pentadec *	130.000	J			
P4435-01	BHK68	Solid	n-Hexadecanoic acid *	240.000	J			
P4435-01	BHK68	Solid	Total Alkanes *	0.000		26	180	ug/Kg
Total Tics :				530.00				
Total Concentration:				530.00				

Client ID : A4E97

P4436-02	A4E97	Solid	1,1-Biphenyl, 2-methyl- *	89.000	J			
P4436-02	A4E97	Solid	1-Acenaphthenol *	89.000	J			

Hit Summary Sheet SW-846

SDG No.: BP102424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4436-02	A4E97	Solid	2,6,6-Trimethyl-2-cyclohexene-1,	*	140.000	J		
P4436-02	A4E97	Solid	9,10-Anthracenedione	*	180.000	J		
P4436-02	A4E97	Solid	Benzene, 1,2-dichloro-	*	610.000	J		
P4436-02	A4E97	Solid	Benzene, pentachloro-	*	84.000	J		
P4436-02	A4E97	Solid	Benzophenone	*	260.000	J		
P4436-02	A4E97	Solid	n-Hexadecanoic acid	*	270.000	J		
P4436-02	A4E97	Solid	Total Alkanes	*	0.000	24	170	ug/Kg
Total Tics :				1,722.00				
P4436-02	A4E97	Solid	2,4,5-Trichlorophenol		1,300.000	39	170	ug/Kg
P4436-02	A4E97	Solid	2,4,6-Trichlorophenol		5,500.000	E 49	170	ug/Kg
P4436-02	A4E97	Solid	2,4-Dichlorophenol		3,000.000	E 16	170	ug/Kg
P4436-02	A4E97	Solid	2,4-Dinitrotoluene		5,300.000	E 43	170	ug/Kg
P4436-02	A4E97	Solid	2,6-Dinitrotoluene		8,200.000	E 44	170	ug/Kg
P4436-02	A4E97	Solid	2-Chlorophenol		2,600.000	23	170	ug/Kg
P4436-02	A4E97	Solid	2-Methylnaphthalene		1,600.000	23	170	ug/Kg
P4436-02	A4E97	Solid	2-Nitrophenol		1,400.000	31	170	ug/Kg
P4436-02	A4E97	Solid	4-Bromophenyl-phenylether		1,400.000	29	170	ug/Kg
P4436-02	A4E97	Solid	4-Chloro-3-methylphenol		1,300.000	49	170	ug/Kg
P4436-02	A4E97	Solid	4-Chlorophenyl-phenylether		1,800.000	20	170	ug/Kg
P4436-02	A4E97	Solid	4-Nitrophenol		2,700.000	44	330	ug/Kg
P4436-02	A4E97	Solid	Acenaphthene		3,500.000	E 29	170	ug/Kg
P4436-02	A4E97	Solid	Acenaphthylene		610.000	32	170	ug/Kg
P4436-02	A4E97	Solid	Anthracene		1,400.000	25	170	ug/Kg
P4436-02	A4E97	Solid	Benzo(a)anthracene		4,000.000	E 27	170	ug/Kg
P4436-02	A4E97	Solid	Benzo(a)pyrene		1,200.000	32	170	ug/Kg
P4436-02	A4E97	Solid	Benzo(b)fluoranthene		5,700.000	E 33	170	ug/Kg
P4436-02	A4E97	Solid	Benzo(g,h,i)perylene		930.000	26	170	ug/Kg
P4436-02	A4E97	Solid	Bis(2-Chloroethoxy)methane		5,300.000	E 43	170	ug/Kg
P4436-02	A4E97	Solid	Bis(2-Chloroethyl)ether		5,600.000	E 40	330	ug/Kg
P4436-02	A4E97	Solid	Bis(2-ethylhexyl)phthalate		5,700.000	E 96	170	ug/Kg
P4436-02	A4E97	Solid	Butylbenzylphthalate		1,400.000	84	170	ug/Kg
P4436-02	A4E97	Solid	Chrysene		6,200.000	E 31	170	ug/Kg
P4436-02	A4E97	Solid	Di-n-butylphthalate		5,300.000	E 61	170	ug/Kg
P4436-02	A4E97	Solid	Dibenzo(a,h)anthracene		2,700.000	28	170	ug/Kg
P4436-02	A4E97	Solid	Fluoranthene		5,400.000	E 54	170	ug/Kg
P4436-02	A4E97	Solid	Fluorene		5,500.000	E 25	170	ug/Kg
P4436-02	A4E97	Solid	Hexachlorobenzene		7,900.000	E 32	170	ug/Kg
P4436-02	A4E97	Solid	Hexachlorobutadiene		4,100.000	E 44	170	ug/Kg
P4436-02	A4E97	Solid	Hexachloroethane		3,900.000	E 18	170	ug/Kg
P4436-02	A4E97	Solid	Indeno(1,2,3-cd)pyrene		1,000.000	31	170	ug/Kg

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SDG No.: BP102424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4436-02	A4E97	Solid	Isophorone	4,600.000	E	48	170	ug/Kg
P4436-02	A4E97	Solid	N-Nitroso-di-n-propylamine	5,700.000	E	51	170	ug/Kg
P4436-02	A4E97	Solid	Nitrobenzene	1,100.000		31	170	ug/Kg
P4436-02	A4E97	Solid	Pentachlorophenol	7,300.000	E	74	330	ug/Kg
P4436-02	A4E97	Solid	Phenanthrene	1,500.000		29	170	ug/Kg
P4436-02	A4E97	Solid	Phenol	1,000.000		43	330	ug/Kg
P4436-02	A4E97	Solid	Pyrene	2,300.000		49	170	ug/Kg
Total Svoc :				136,940.00				
Total Concentration:				138,662.00				

Client ID : A4E97DL

P4436-02DL	A4E97DL	Solid	Benzene, 1,4-dichloro-	*	5,700.000	JD		
P4436-02DL	A4E97DL	Solid	Total Alkanes	*	0.000	D	120	850 ug/Kg
Total Tics :				5,700.00				
P4436-02DL	A4E97DL	Solid	2,4,5-Trichlorophenol		1,100.000	D	200	850 ug/Kg
P4436-02DL	A4E97DL	Solid	2,4,6-Trichlorophenol		5,100.000	D	250	850 ug/Kg
P4436-02DL	A4E97DL	Solid	2,4-Dichlorophenol		2,900.000	D	80	850 ug/Kg
P4436-02DL	A4E97DL	Solid	2,4-Dinitrotoluene		4,900.000	D	220	850 ug/Kg
P4436-02DL	A4E97DL	Solid	2,6-Dinitrotoluene		7,500.000	D	220	850 ug/Kg
P4436-02DL	A4E97DL	Solid	2-Chlorophenol		2,400.000	D	120	850 ug/Kg
P4436-02DL	A4E97DL	Solid	2-Methylnaphthalene		1,500.000	D	120	850 ug/Kg
P4436-02DL	A4E97DL	Solid	2-Nitrophenol		1,200.000	D	160	850 ug/Kg
P4436-02DL	A4E97DL	Solid	4-Bromophenyl-phenylether		1,300.000	D	150	850 ug/Kg
P4436-02DL	A4E97DL	Solid	4-Chloro-3-methylphenol		1,200.000	D	250	850 ug/Kg
P4436-02DL	A4E97DL	Solid	4-Chlorophenyl-phenylether		1,700.000	D	100	850 ug/Kg
P4436-02DL	A4E97DL	Solid	4-Nitrophenol		2,300.000	D	220	1700 ug/Kg
P4436-02DL	A4E97DL	Solid	Acenaphthene		3,500.000	D	150	850 ug/Kg
P4436-02DL	A4E97DL	Solid	Acenaphthylene		580.000	JD	160	850 ug/Kg
P4436-02DL	A4E97DL	Solid	Anthracene		1,400.000	D	130	850 ug/Kg
P4436-02DL	A4E97DL	Solid	Benzo(a)anthracene		4,000.000	D	140	850 ug/Kg
P4436-02DL	A4E97DL	Solid	Benzo(a)pyrene		1,200.000	D	160	850 ug/Kg
P4436-02DL	A4E97DL	Solid	Benzo(b)fluoranthene		5,500.000	D	170	850 ug/Kg
P4436-02DL	A4E97DL	Solid	Benzo(g,h,i)perylene		880.000	D	130	850 ug/Kg
P4436-02DL	A4E97DL	Solid	Bis(2-Chloroethoxy)methane		5,200.000	D	220	850 ug/Kg
P4436-02DL	A4E97DL	Solid	Bis(2-Chloroethyl)ether		5,500.000	D	200	1700 ug/Kg
P4436-02DL	A4E97DL	Solid	Bis(2-ethylhexyl)phthalate		5,700.000	D	480	850 ug/Kg
P4436-02DL	A4E97DL	Solid	Butylbenzylphthalate		1,300.000	D	420	850 ug/Kg
P4436-02DL	A4E97DL	Solid	Chrysene		6,200.000	D	160	850 ug/Kg
P4436-02DL	A4E97DL	Solid	Di-n-butylphthalate		5,300.000	D	310	850 ug/Kg
P4436-02DL	A4E97DL	Solid	Dibenzo(a,h)anthracene		2,600.000	D	140	850 ug/Kg
P4436-02DL	A4E97DL	Solid	Fluoranthene		5,100.000	D	270	850 ug/Kg

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SDG No.: BP102424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4436-02DL	A4E97DL	Solid	Fluorene	5,500.000	D	130	850	ug/Kg
P4436-02DL	A4E97DL	Solid	Hexachlorobenzene	7,400.000	D	160	850	ug/Kg
P4436-02DL	A4E97DL	Solid	Hexachlorobutadiene	3,900.000	D	220	850	ug/Kg
P4436-02DL	A4E97DL	Solid	Hexachloroethane	3,600.000	D	90	850	ug/Kg
P4436-02DL	A4E97DL	Solid	Indeno(1,2,3-cd)pyrene	990.000	D	160	850	ug/Kg
P4436-02DL	A4E97DL	Solid	Isophorone	4,500.000	D	240	850	ug/Kg
P4436-02DL	A4E97DL	Solid	N-Nitroso-di-n-propylamine	5,400.000	D	260	850	ug/Kg
P4436-02DL	A4E97DL	Solid	Nitrobenzene	1,000.000	D	160	850	ug/Kg
P4436-02DL	A4E97DL	Solid	Pentachlorophenol	6,700.000	D	370	1700	ug/Kg
P4436-02DL	A4E97DL	Solid	Phenanthrene	1,400.000	D	150	850	ug/Kg
P4436-02DL	A4E97DL	Solid	Phenol	920.000	JD	220	1700	ug/Kg
P4436-02DL	A4E97DL	Solid	Pyrene	2,100.000	D	250	850	ug/Kg
Total Svoc :				130,470.00				
Total Concentration:				136,170.00				

Client ID : A4F46

P4436-04	A4F46	Solid	n-Hexadecanoic acid	*	89.000	J		
P4436-04	A4F46	Solid	Total Alkanes	*	0.000	24	170	ug/Kg
Total Tics :				89.00				
P4436-04	A4F46	Solid	Acetophenone		71.000	J 40	330	ug/Kg
P4436-04	A4F46	Solid	Benzo(a)anthracene		50.000	J 27	170	ug/Kg
P4436-04	A4F46	Solid	Benzo(b)fluoranthene		70.000	J 33	170	ug/Kg
P4436-04	A4F46	Solid	Chrysene		56.000	J 31	170	ug/Kg
P4436-04	A4F46	Solid	Fluoranthene		120.000	J 54	170	ug/Kg
P4436-04	A4F46	Solid	Phenanthrene		60.000	J 29	170	ug/Kg
P4436-04	A4F46	Solid	Pyrene		69.000	J 49	170	ug/Kg
Total Svoc :				496.00				
Total Concentration:				585.00				

Client ID : A4F48

P4436-06	A4F48	Solid	(DEL) Alkane: Straight-Chain23.9	*	130.000	J		
P4436-06	A4F48	Solid	11H-Benzo[b]fluorene	*	72.000	J		
P4436-06	A4F48	Solid	Benzophenone	*	90.000	J		
P4436-06	A4F48	Solid	n-Hexadecanoic acid	*	230.000	J		
P4436-06	A4F48	Solid	Total Alkanes	*	130.000	24	170	ug/Kg
Total Tics :				652.00				
P4436-06	A4F48	Solid	Acenaphthene		51.000	J 29	170	ug/Kg
P4436-06	A4F48	Solid	Acetophenone		100.000	J 40	330	ug/Kg
P4436-06	A4F48	Solid	Anthracene		170.000	25	170	ug/Kg
P4436-06	A4F48	Solid	Benzo(a)anthracene		370.000	27	170	ug/Kg
P4436-06	A4F48	Solid	Benzo(a)pyrene		150.000	J 32	170	ug/Kg
P4436-06	A4F48	Solid	Benzo(b)fluoranthene		430.000	33	170	ug/Kg

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SDG No.: BP102424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4436-06	A4F48	Solid	Benzo(k)fluoranthene	150.000	J	38	170	ug/Kg
P4436-06	A4F48	Solid	Carbazole	51.000	J	28	330	ug/Kg
P4436-06	A4F48	Solid	Chrysene	330.000		31	170	ug/Kg
P4436-06	A4F48	Solid	Dibenzo(a,h)anthracene	55.000	J	28	170	ug/Kg
P4436-06	A4F48	Solid	Dibenzofuran	45.000	J	32	170	ug/Kg
P4436-06	A4F48	Solid	Fluoranthene	810.000		54	170	ug/Kg
P4436-06	A4F48	Solid	Fluorene	67.000	J	25	170	ug/Kg
P4436-06	A4F48	Solid	Indeno(1,2,3-cd)pyrene	100.000	J	31	170	ug/Kg
P4436-06	A4F48	Solid	Phenanthrene	610.000		29	170	ug/Kg
P4436-06	A4F48	Solid	Pyrene	430.000		49	170	ug/Kg
Total Svoc :				3,919.00				
Total Concentration:				4,571.00				
Client ID : A4F52								
P4436-08	A4F52	Solid	4b,8-Dimethyl-2-isopropylphenan *	350.000	J			
P4436-08	A4F52	Solid	Benzophenone *	87.000	J			
P4436-08	A4F52	Solid	n-Hexadecanoic acid *	100.000	J			
P4436-08	A4F52	Solid	Total Alkanes *	0.000		24	170	ug/Kg
Total Tics :				537.00				
P4436-08	A4F52	Solid	Acetophenone	61.000	J	40	330	ug/Kg
P4436-08	A4F52	Solid	Benzo(a)anthracene	59.000	J	27	170	ug/Kg
P4436-08	A4F52	Solid	Benzo(b)fluoranthene	80.000	J	33	170	ug/Kg
P4436-08	A4F52	Solid	Chrysene	68.000	J	31	170	ug/Kg
P4436-08	A4F52	Solid	Fluoranthene	150.000	J	54	170	ug/Kg
P4436-08	A4F52	Solid	Phenanthrene	84.000	J	29	170	ug/Kg
P4436-08	A4F52	Solid	Pyrene	83.000	J	49	170	ug/Kg
Total Svoc :				585.00				
Total Concentration:				1,122.00				
Client ID : A4F53								
P4436-09	A4F53	Solid	(DEL) Alkane: Straight-Chain23.† *	99.000	J			
P4436-09	A4F53	Solid	Benzophenone *	89.000	J			
P4436-09	A4F53	Solid	n-Hexadecanoic acid *	120.000	J			
P4436-09	A4F53	Solid	Total Alkanes *	99.000		24	170	ug/Kg
Total Tics :				407.00				
P4436-09	A4F53	Solid	Acetophenone	56.000	J	40	330	ug/Kg
P4436-09	A4F53	Solid	Anthracene	34.000	J	25	170	ug/Kg
P4436-09	A4F53	Solid	Benzo(a)anthracene	110.000	J	27	170	ug/Kg
P4436-09	A4F53	Solid	Benzo(a)pyrene	38.000	J	32	170	ug/Kg
P4436-09	A4F53	Solid	Benzo(b)fluoranthene	120.000	J	33	170	ug/Kg
P4436-09	A4F53	Solid	Benzo(k)fluoranthene	46.000	J	38	170	ug/Kg
P4436-09	A4F53	Solid	Chrysene	120.000	J	31	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP102424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4436-09	A4F53	Solid	Fluoranthene	300.000		54	170	ug/Kg
P4436-09	A4F53	Solid	Phenanthrene	230.000		29	170	ug/Kg
P4436-09	A4F53	Solid	Pyrene	170.000		49	170	ug/Kg
Total Svoc :				1,224.00				
Total Concentration:				1,631.00				
Client ID : XA103								
P4476-04	XA103	Solid	(DEL) Alkane: Straight-Chain21.1 *	350.000	J			
P4476-04	XA103	Solid	10,18-Bisnorabieta-8,11,13-triene *	69.000	J			
P4476-04	XA103	Solid	2,6,6-Trimethyl-2-cyclohexene-1, *	230.000	J			
P4476-04	XA103	Solid	9,10-Anthracenedione *	200.000	J			
P4476-04	XA103	Solid	Benzene, 1,2-dichloro- *	350.000	J			
P4476-04	XA103	Solid	Benzene, 1,3-dichloro- *	170.000	J			
P4476-04	XA103	Solid	Benzo[b]thiophene, 4-methyl- *	170.000	J			
P4476-04	XA103	Solid	Benzophenone *	370.000	J			
P4476-04	XA103	Solid	Dehydroabietic acid *	130.000	J			
P4476-04	XA103	Solid	Hexadecanoic acid, 15-methyl-, m *	200.000	J			
P4476-04	XA103	Solid	Hexadecanoic acid, methyl ester *	110.000	J			
P4476-04	XA103	Solid	Longifolene *	100.000	J			
P4476-04	XA103	Solid	Methyl stearate *	170.000	J			
P4476-04	XA103	Solid	n-Hexadecanoic acid *	560.000	J			
P4476-04	XA103	Solid	Octadecanoic acid *	180.000	J			
P4476-04	XA103	Solid	Phenol, 2,3,5,6-tetrachloro- *	83.000	J			
P4476-04	XA103	Solid	Tetracosanoic acid, methyl ester *	190.000	J			
P4476-04	XA103	Solid	Total Alkanes *	350.000		24	170	ug/Kg
Total Tics :				3,982.00				
P4476-04	XA103	Solid	2,4,5-Trichlorophenol	3,500.000	E	39	170	ug/Kg
P4476-04	XA103	Solid	2,4,6-Trichlorophenol	2,300.000		49	170	ug/Kg
P4476-04	XA103	Solid	2,4-Dichlorophenol	3,700.000	E	16	170	ug/Kg
P4476-04	XA103	Solid	2,4-Dinitrotoluene	2,400.000		43	170	ug/Kg
P4476-04	XA103	Solid	2,6-Dinitrotoluene	7,300.000	E	44	170	ug/Kg
P4476-04	XA103	Solid	2-Chloronaphthalene	4,600.000	E	26	170	ug/Kg
P4476-04	XA103	Solid	2-Chlorophenol	6,200.000	E	23	170	ug/Kg
P4476-04	XA103	Solid	2-Methylnaphthalene	5,700.000	E	23	170	ug/Kg
P4476-04	XA103	Solid	2-Nitrophenol	3,600.000	E	31	170	ug/Kg
P4476-04	XA103	Solid	4-Chloro-3-methylphenol	1,700.000		49	170	ug/Kg
P4476-04	XA103	Solid	4-Chlorophenyl-phenylether	6,100.000	E	20	170	ug/Kg
P4476-04	XA103	Solid	4-Nitrophenol	4,200.000		44	330	ug/Kg
P4476-04	XA103	Solid	Acenaphthene	5,500.000	E	29	170	ug/Kg
P4476-04	XA103	Solid	Anthracene	2,100.000		25	170	ug/Kg
P4476-04	XA103	Solid	Benzo(a)pyrene	2,100.000		32	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP102424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4476-04	XA103	Solid	Benzo(b)fluoranthene	2,700.000	E	33	170	ug/Kg
P4476-04	XA103	Solid	Bis(2-Chloroethyl)ether	7,200.000	E	40	330	ug/Kg
P4476-04	XA103	Solid	Butylbenzylphthalate	8,000.000	E	84	170	ug/Kg
P4476-04	XA103	Solid	Chrysene	1,100.000		31	170	ug/Kg
P4476-04	XA103	Solid	Di-n-butylphthalate	4,700.000	E	61	170	ug/Kg
P4476-04	XA103	Solid	Di-n-octyl phthalate	7,400.000	E	76	330	ug/Kg
P4476-04	XA103	Solid	Diethylphthalate	6,800.000	E	30	170	ug/Kg
P4476-04	XA103	Solid	Fluorene	1,400.000		25	170	ug/Kg
P4476-04	XA103	Solid	Hexachlorobutadiene	3,000.000	E	44	170	ug/Kg
P4476-04	XA103	Solid	Hexachloroethane	2,600.000		18	170	ug/Kg
P4476-04	XA103	Solid	Isophorone	6,800.000	E	48	170	ug/Kg
P4476-04	XA103	Solid	N-Nitroso-di-n-propylamine	2,800.000	E	51	170	ug/Kg
P4476-04	XA103	Solid	Naphthalene	3,200.000	E	25	170	ug/Kg
P4476-04	XA103	Solid	Nitrobenzene	3,500.000	E	31	170	ug/Kg
P4476-04	XA103	Solid	Pentachlorophenol	8,000.000	E	74	330	ug/Kg
P4476-04	XA103	Solid	Phenanthrene	8,000.000	E	29	170	ug/Kg
P4476-04	XA103	Solid	Phenol	2,800.000		43	330	ug/Kg

Total Svoc :

141,000.00

Total Concentration:

144,982.00

Client ID : XA103DL

P4476-04DL	XA103DL	Solid	Benzene, 1,2-dichloro-	*	2,000.000	JD		
P4476-04DL	XA103DL	Solid	Benzene, 1,3-dichloro-	*	4,100.000	JD		
P4476-04DL	XA103DL	Solid	Benzophenone	*	380.000	JD		
P4476-04DL	XA103DL	Solid	n-Hexadecanoic acid	*	420.000	JD		
P4476-04DL	XA103DL	Solid	Total Alkanes	*	0.000	D	120	850 ug/Kg

Total Tics :

6,900.00

P4476-04DL	XA103DL	Solid	2,4,5-Trichlorophenol		3,400.000	D	190	850 ug/Kg
P4476-04DL	XA103DL	Solid	2,4,6-Trichlorophenol		2,200.000	D	240	850 ug/Kg
P4476-04DL	XA103DL	Solid	2,4-Dichlorophenol		3,700.000	D	80	850 ug/Kg
P4476-04DL	XA103DL	Solid	2,4-Dinitrotoluene		2,400.000	D	210	850 ug/Kg
P4476-04DL	XA103DL	Solid	2,6-Dinitrotoluene		7,200.000	D	220	850 ug/Kg
P4476-04DL	XA103DL	Solid	2-Chloronaphthalene		4,800.000	D	130	850 ug/Kg
P4476-04DL	XA103DL	Solid	2-Chlorophenol		6,300.000	D	110	850 ug/Kg
P4476-04DL	XA103DL	Solid	2-Methylnaphthalene		6,100.000	D	110	850 ug/Kg
P4476-04DL	XA103DL	Solid	2-Nitrophenol		3,600.000	D	150	850 ug/Kg
P4476-04DL	XA103DL	Solid	4-Chloro-3-methylphenol		1,700.000	D	240	850 ug/Kg
P4476-04DL	XA103DL	Solid	4-Chlorophenyl-phenylether		6,500.000	D	100	850 ug/Kg
P4476-04DL	XA103DL	Solid	4-Nitrophenol		4,100.000	D	220	1600 ug/Kg
P4476-04DL	XA103DL	Solid	Acenaphthene		5,700.000	D	140	850 ug/Kg
P4476-04DL	XA103DL	Solid	Anthracene		2,100.000	D	120	850 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP102424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4476-04DL	XA103DL	Solid	Benzo(a)pyrene	2,100.000	D	160	850	ug/Kg
P4476-04DL	XA103DL	Solid	Benzo(b)fluoranthene	2,600.000	D	160	850	ug/Kg
P4476-04DL	XA103DL	Solid	Bis(2-Chloroethyl)ether	7,300.000	D	200	1600	ug/Kg
P4476-04DL	XA103DL	Solid	Butylbenzylphthalate	8,000.000	D	420	850	ug/Kg
P4476-04DL	XA103DL	Solid	Chrysene	1,100.000	D	150	850	ug/Kg
P4476-04DL	XA103DL	Solid	Di-n-butylphthalate	4,700.000	D	300	850	ug/Kg
P4476-04DL	XA103DL	Solid	Di-n-octyl phthalate	7,500.000	D	380	1600	ug/Kg
P4476-04DL	XA103DL	Solid	Diethylphthalate	7,400.000	D	150	850	ug/Kg
P4476-04DL	XA103DL	Solid	Fluorene	1,500.000	D	120	850	ug/Kg
P4476-04DL	XA103DL	Solid	Hexachlorobutadiene	3,000.000	D	220	850	ug/Kg
P4476-04DL	XA103DL	Solid	Hexachloroethane	2,600.000	D	90	850	ug/Kg
P4476-04DL	XA103DL	Solid	Isophorone	7,100.000	D	240	850	ug/Kg
P4476-04DL	XA103DL	Solid	N-Nitroso-di-n-propylamine	2,800.000	D	250	850	ug/Kg
P4476-04DL	XA103DL	Solid	Naphthalene	3,300.000	D	120	850	ug/Kg
P4476-04DL	XA103DL	Solid	Nitrobenzene	3,600.000	D	150	850	ug/Kg
P4476-04DL	XA103DL	Solid	Pentachlorophenol	7,300.000	D	370	1600	ug/Kg
P4476-04DL	XA103DL	Solid	Phenanthrene	8,200.000	D	140	850	ug/Kg
P4476-04DL	XA103DL	Solid	Phenol	2,800.000	D	210	1600	ug/Kg
Total Svoc :				142,700.00				
Total Concentration:				149,600.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP100724SAS No.: BP100724SDG No.: BP100724

Instrument ID: _____

Calibration Date(s): 10/7/2024 :Calibration Time(s): 16:41

LAB FILE ID:		RRFAL1 = BP022257.D		RRFAL2 = BP022258.D		RRFAL3 = BP022259.D		
		RRFAL4 = BP022260.D		RRFAL5 = BP022261.D		RRFAL6 = BP022262.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.554	0.573	0.557	0.571	0.511		0.553	4.6
Benzaldehyde		1.063	0.934	1.100	0.803	0.648	0.910	20.6
Pyridine		1.509	1.423	1.491	1.444	1.376	1.449	3.7
Hexachloroethane	0.552	0.620	0.554	0.575	0.576		0.575	4.8
Nitrobenzene	0.435	0.489	0.451	0.461	0.458		0.459	4.3
Isophorone	0.741	0.864	0.808	0.851	0.851		0.823	6.1
2-Nitrophenol	0.163	0.200	0.186	0.206	0.205		0.192	9.5
2,4-Dimethylphenol	0.376	0.447	0.402	0.422	0.439		0.417	6.9
Bis(2-Chloroethoxy)methane	0.426	0.500	0.460	0.473	0.477		0.467	5.9
2,4-Dichlorophenol	0.330	0.391	0.357	0.391	0.394		0.373	7.5
Naphthalene	1.002	1.150	1.035	1.076	1.062		1.065	5.2
4-Chloroaniline		0.454	0.413	0.455	0.461	0.424	0.441	4.9
Hexachlorobutadiene	0.312	0.350	0.301	0.310	0.297		0.314	6.6
Phenol		1.718	1.601	1.771	1.863	1.805	1.752	5.7
Caprolactam		0.113	0.108	0.128	0.127	0.124	0.120	7.5
4-Chloro-3-methylphenol	0.341	0.419	0.389	0.447	0.438		0.407	10.6
1-Methylnaphthalene	0.717	0.835	0.777	0.846	0.816		0.798	6.6
2-Methylnaphthalene	0.721	0.818	0.742	0.832	0.798		0.782	6.2
Hexachlorocyclopentadiene		0.469	0.444	0.446	0.438	0.455	0.451	2.7
2,4,6-Trichlorophenol	0.418	0.496	0.446	0.472	0.494		0.465	7.1
2,4,5-Trichlorophenol	0.441	0.509	0.477	0.513	0.537		0.495	7.5
1,1-Biphenyl	1.362	1.601	1.393	1.423	1.429		1.442	6.5
2-Chloronaphthalene	1.099	1.289	1.163	1.167	1.182		1.180	5.8
2-Nitroaniline	0.322	0.354	0.338	0.374	0.373		0.352	6.4
Bis(2-Chloroethyl)ether		1.301	1.281	1.331	1.357	1.285	1.311	2.5
Dimethylphthalate	1.477	1.717	1.563	1.575	1.584		1.583	5.4
2,6-Dinitrotoluene	0.238	0.304	0.295	0.321	0.340		0.299	12.9
Acenaphthylene	1.581	1.845	1.795	1.784	1.754		1.752	5.8
3-Nitroaniline		0.275	0.263	0.301	0.281	0.286	0.281	5.0
Acenaphthene	1.196	1.338	1.187	1.227	1.246		1.239	4.9
2,4-Dinitrophenol		0.183	0.187	0.225	0.239	0.268	0.220	16.3
4-Nitrophenol		0.291	0.283	0.305	0.306	0.295	0.296	3.2
Dibenzofuran	1.754	2.038	1.799	1.853	1.859		1.861	5.8
2,4-Dinitrotoluene	0.365	0.496	0.456	0.498	0.511		0.465	12.8
Diethylphthalate	1.395	1.607	1.506	1.545	1.542		1.519	5.1
2-Chlorophenol	1.143	1.264	1.197	1.270	1.302		1.235	5.2

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.: BP100724 SAS No.: BP100724 SDG No.: BP100724

Instrument ID: _____ Calibration Date(s): 10/7/2024 : _____

Calibration Time(s): 16:41 _____

LAB FILE ID:		RRFAL1 = BP022257.D		RRFAL2 = BP022258.D		RRFAL3 = BP022259.D		
		RRFAL4 = BP022260.D		RRFAL5 = BP022261.D		RRFAL6 = BP022262.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.430	1.629	1.503	1.510	1.508		1.516	4.7
4-Chlorophenyl-phenylether	0.834	0.928	0.847	0.856	0.869		0.867	4.2
4-Nitroaniline		0.291	0.280	0.315	0.277	0.252	0.283	8.1
4,6-Dinitro-2-methylphenol		0.135	0.130	0.147	0.148	0.149	0.142	6.1
N-Nitrosodiphenylamine	0.504	0.584	0.518	0.535	0.537		0.536	5.7
1,2,4,5-Tetrachlorobenzene	0.708	0.818	0.706	0.729	0.737		0.740	6.2
4-Bromophenyl-phenylether	0.228	0.259	0.241	0.237	0.241		0.241	4.7
Hexachlorobenzene	0.291	0.322	0.287	0.286	0.298		0.297	5.0
Atrazine		0.256	0.201	0.233	0.238	0.184	0.223	13.1
Pentachlorophenol		0.181	0.170	0.192	0.205	0.206	0.191	8.1
2-Methylphenol		1.202	1.182	1.293	1.366	1.312	1.271	6.1
Phenanthrene	1.022	1.152	1.059	1.056	1.061		1.070	4.5
Pentachlorobenzene	0.340	0.375	0.313	0.327	0.329		0.337	7.0
Anthracene	0.990	1.135	1.068	1.071	1.075		1.068	4.8
1,2,3,4-Tetrachlorobenzene	0.300	0.339	0.282	0.299	0.303		0.305	6.8
Carbazole		1.008	0.931	0.959	0.933	0.893	0.945	4.5
Di-n-butylphthalate	0.957	1.097	1.050	1.060	1.063		1.045	5.0
Fluoranthene	1.076	1.286	1.162	1.260	1.295		1.216	7.8
Pyrene	1.196	1.405	1.223	1.341	1.351		1.303	6.9
Butylbenzylphthalate	0.410	0.470	0.439	0.472	0.477		0.454	6.3
3,3-Dichlorobenzidine		0.506	0.464	0.505	0.456	0.453	0.477	5.6
2,2-oxybis (1-Chloropropane)		1.619	1.505	1.550	1.538	1.406	1.524	5.1
Benzo (a) anthracene	1.324	1.501	1.373	1.421	1.392		1.402	4.7
Chrysene	1.241	1.405	1.246	1.305	1.304		1.300	5.1
Bis (2-ethylhexyl) phthalate	0.601	0.704	0.624	0.663	0.664		0.651	6.1
Di-n-octyl phthalate		0.973	0.893	0.937	0.984	0.970	0.951	3.9
Benzo (b) fluoranthene	1.122	1.335	1.231	1.279	1.327		1.259	6.9
Benzo (k) fluoranthene	1.113	1.308	1.206	1.249	1.287		1.233	6.2
Benzo (a) pyrene	1.041	1.213	1.141	1.179	1.219		1.159	6.3
Indeno (1,2,3-cd) pyrene	1.484	1.650	1.456	1.536	1.605		1.546	5.3
Dibenzo (a,h) anthracene	1.203	1.329	1.219	1.229	1.279		1.252	4.1
Benzo (g,h,i) perylene	1.130	1.258	1.176	1.198	1.252		1.203	4.5
Acetophenone		2.253	2.087	2.271	2.328	2.152	2.218	4.4
2,3,4,6-Tetrachlorophenol	0.413	0.471	0.449	0.486	0.493		0.462	7.1
1,4-Dioxane-d8	0.534	0.566	0.473	0.528	0.473		0.515	7.9
Pyridine-d5		1.448	1.357	1.468	1.415	1.377	1.413	3.3

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP100724 SAS No.: BP100724 SDG No.: BP100724
Instrument ID: _____ Calibration Date(s): 10/7/2024 : _____
Calibration Time(s): 16:41 _____

LAB FILE ID:		RRFAL1 = BP022257.D			RRFAL2 = BP022258.D		RRFAL3 = BP022259.D	
		RRFAL4 = BP022260.D			RRFAL5 = BP022261.D		RRFAL6 = BP022262.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.627	1.561	1.694	1.785	1.750	1.684	5.4
Bis-(2-Chloroethyl)ether-d8		1.033	0.973	0.992	1.004	0.945	0.989	3.3
2-Chlorophenol-d4	1.073	1.236	1.160	1.230	1.274		1.195	6.6
4-Methylphenol-d8		1.277	1.230	1.385	1.449	1.377	1.344	6.6
Nitrobenzene-d5	0.139	0.157	0.150	0.161	0.162		0.154	6.2
2-Nitrophenol-d4	0.152	0.178	0.175	0.190	0.195		0.178	9.5
2,4-Dichlorophenol-d3	0.328	0.397	0.368	0.397	0.402		0.378	8.3
4-Chloroaniline-d4		0.462	0.423	0.462	0.461	0.426	0.447	4.6
4-Methylphenol		1.381	1.291	1.453	1.506	1.420	1.410	5.7
Dimethylphthalate-d6	1.498	1.686	1.560	1.608	1.593		1.589	4.3
Acenaphthylene-d8	1.529	1.784	1.643	1.745	1.738		1.688	6.1
4-Nitrophenol-d4		0.250	0.250	0.276	0.283	0.274	0.267	5.7
Fluorene-d10	1.270	1.487	1.333	1.401	1.400		1.378	5.9
4,6-Dinitro-2-methylphenol-		0.121	0.123	0.134	0.138	0.142	0.132	7.1
Anthracene-d10	0.881	1.002	0.927	0.937	0.957		0.941	4.7
Pyrene-d10	0.951	1.118	1.008	1.101	1.109		1.058	7.0
Benzo(a)pyrene-d12	0.962	1.129	1.011	1.102	1.137		1.068	7.2
N-Nitroso-di-n-propylamine	0.989	1.157	1.086	1.184	1.203		1.124	7.8

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.: BP102424 SAS No.: BP102424 SDG NO.: BP102424

EPA Sample No.: SSTD020623 Date Analyzed: Oct 24 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 11:40

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	83605	7.705	315808	10.46	242644	14.32
	UPPER LIMIT	167210	8.205	631616	10.963	485288	14.816
	LOWER LIMIT	41802.5	7.205	157904	9.963	121322	13.816
	EPA SAMPLE NO.						
01	SBLK325	106265	7.65	406441	10.40	322833	14.27
02	A4E91	110519	7.65	408040	10.41	301851	14.28
03	A4E91DL	104656	7.66	402161	10.40	311291	14.26
04	XA103	97938	7.65	370297	10.40	290556	14.26
05	XA103DL	90183	7.63	340055	10.39	273532	14.26
06	A4E97	91448	7.65	358582	10.41	266700	14.28
07	A4E97DL	95255	7.66	357832	10.41	274351	14.27
08	SBLK352	119340	7.65	461090	10.41	348338	14.27
09	A4F44	97288	7.65	377286	10.40	288976	14.27
10	A4F44MS	120476	7.65	449020	10.40	340846	14.27
11	A4F44MSD	105183	7.65	440512	10.41	353542	14.26
12	BHK68	125326	7.65	465834	10.40	360433	14.26
13	BHK68MS	109770	7.65	431881	10.42	349922	14.28
14	BHK68MSD	120852	7.65	448315	10.41	337675	14.27
15	A4F46	106789	7.65	414808	10.40	328246	14.28
16	A4F48	119580	7.65	464524	10.41	370077	14.27
17	A4F52	126490	7.65	505598	10.41	400066	14.27
18	A4F53	145613	7.65	547780	10.41	404335	14.26

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP102424 SAS No.: BP102424 SDG NO.: BP102424

EPA Sample No.: SSTD020623 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 00:40

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	83605	7.705	315808	10.46	242644	14.32
UPPER LIMIT	167210	8.205	631616	10.963	485288	14.816
LOWER LIMIT	41802.5	7.205	157904	9.963	121322	13.816
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP102424 SAS No.: BP102424 SDG NO.: BP102424

EPA Sample No.: SSTD020674 Date Analyzed: Oct 24 2024 12:00AM

Lab File ID: BP022582.D Time Analyzed: 11:40

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	116396	7.652	449747	10.40	352793	14.27
UPPER LIMIT	232792	8.152	899494	10.904	705586	14.769
LOWER LIMIT	58198	7.152	224873.5	9.904	176396.5	13.769
EPA SAMPLE NO.						
01 SBLK325	106265	7.65	406441	10.40	322833	14.27
02 A4E91	110519	7.65	408040	10.41	301851	14.28
03 A4E91DL	104656	7.66	402161	10.40	311291	14.26
04 XA103	97938	7.65	370297	10.40	290556	14.26
05 XA103DL	90183	7.63	340055	10.39	273532	14.26
06 A4E97	91448	7.65	358582	10.41	266700	14.28
07 A4E97DL	95255	7.66	357832	10.41	274351	14.27

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.: BP102424 SAS No.: BP102424 SDG NO.: BP102424

EPA Sample No.: SSTD020675 Date Analyzed: Oct 24 2024 12:00AM

Lab File ID: BP022590.D Time Analyzed: 17:55

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	107316	7.652	410917	10.40	321717	14.27
UPPER LIMIT	214632	8.152	821834	10.904	643434	14.769
LOWER LIMIT	53658	7.152	205458.5	9.904	160858.5	13.769
EPA SAMPLE NO.						
01 SBLK352	119340	7.65	461090	10.41	348338	14.27
02 A4F44	97288	7.65	377286	10.40	288976	14.27
03 A4F44MS	120476	7.65	449020	10.40	340846	14.27
04 A4F44MSD	105183	7.65	440512	10.41	353542	14.26
05 BHK68	125326	7.65	465834	10.40	360433	14.26
06 BHK68MS	109770	7.65	431881	10.42	349922	14.28
07 BHK68MSD	120852	7.65	448315	10.41	337675	14.27
08 A4F46	106789	7.65	414808	10.40	328246	14.28
09 A4F48	119580	7.65	464524	10.41	370077	14.27
10 A4F52	126490	7.65	505598	10.41	400066	14.27
11 A4F53	145613	7.65	547780	10.41	404335	14.26

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.: BP102424 SAS No.: BP102424 SDG NO.: BP102424

EPA Sample No.: SSTD020623 Date Analyzed: Oct 24 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 11:40

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	593138	17.11	695777	21.539	837782	24.821
	UPPER LIMIT	1186276	17.61	1391554	22.039	1675564	25.321
	LOWER LIMIT	296569	16.61	347888.5	21.039	418891	24.321
	EPA SAMPLE NO.						
01	SBLK325	784053	17.07	841124	21.50	935716	24.77
02	A4E91	708590	17.08	693209	21.51	830626	24.77
03	A4E91DL	751925	17.06	754860	21.51	896512	24.76
04	XA103	666104	17.08	684877	21.52	801695	24.79
05	XA103DL	687600	17.08	741033	21.52	868531	24.80
06	A4E97	624220	17.07	626428	21.52	728971	24.77
07	A4E97DL	673580	17.09	743249	21.53	899918	24.80
08	SBLK352	829210	17.08	878338	21.50	965873	24.77
09	A4F44	676101	17.08	715921	21.50	891990	24.78
10	A4F44MS	815684	17.08	878761	21.51	1.01629e+	24.77
11	A4F44MSD	859158	17.06	876028	21.52	994871	24.79
12	BHK68	879244	17.08	951916	21.52	1.09646e+	24.77
13	BHK68MS	842586	17.09	883770	21.51	1.01414e+	24.78
14	BHK68MSD	810031	17.06	879515	21.51	1.02225e+	24.76
15	A4F46	786871	17.08	836654	21.50	997981	24.77
16	A4F48	886229	17.08	936460	21.51	1.09539e+	24.77
17	A4F52	941997	17.08	926525	21.49	1.05309e+	24.76
18	A4F53	955013	17.07	958436	21.50	1.08988e+	24.77

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP102424 SAS No.: BP102424 SDG NO.: BP102424

EPA Sample No.: SSTD020623 Date Analyzed: Oct 25 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 00:40

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	593138	17.11	695777	21.539	837782	24.821
UPPER LIMIT	1186276	17.61	1391554	22.039	1675564	25.321
LOWER LIMIT	296569	16.61	347888.5	21.039	418891	24.321
EPA SAMPLE NO.						

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

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

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP102424 SAS No.: BP102424 SDG NO.: BP102424

EPA Sample No.: SSTD020674 Date Analyzed: Oct 24 2024 12:00AM

Lab File ID: BP022582.D Time Analyzed: 11:40

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	843139	17.063	834279	21.51	926977	24.768
UPPER LIMIT	1686278	17.563	1668558	22.01	1853954	25.268
LOWER LIMIT	421569.5	16.563	417139.5	21.01	463488.5	24.268
EPA SAMPLE NO.						
01 SBLK325	784053	17.07	841124	21.50	935716	24.77
02 A4E91	708590	17.08	693209	21.51	830626	24.77
03 A4E91DL	751925	17.06	754860	21.51	896512	24.76
04 XA103	666104	17.08	684877	21.52	801695	24.79
05 XA103DL	687600	17.08	741033	21.52	868531	24.80
06 A4E97	624220	17.07	626428	21.52	728971	24.77
07 A4E97DL	673580	17.09	743249	21.53	899918	24.80

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.: BP102424 SAS No.: BP102424 SDG NO.: BP102424

EPA Sample No.: SSTD020675 Date Analyzed: Oct 24 2024 12:00AM

Lab File ID: BP022590.D Time Analyzed: 17:55

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	809139	17.075	853622	21.516	971884	24.786
UPPER LIMIT	1618278	17.575	1707244	22.016	1943768	25.286
LOWER LIMIT	404569.5	16.575	426811	21.016	485942	24.286
EPA SAMPLE NO.						
01 SBLK352	829210	17.08	878338	21.50	965873	24.77
02 A4F44	676101	17.08	715921	21.50	891990	24.78
03 A4F44MS	815684	17.08	878761	21.51	1.01629e+	24.77
04 A4F44MSD	859158	17.06	876028	21.52	994871	24.79
05 BHK68	879244	17.08	951916	21.52	1.09646e+	24.77
06 BHK68MS	842586	17.09	883770	21.51	1.01414e+	24.78
07 BHK68MSD	810031	17.06	879515	21.51	1.02225e+	24.76
08 A4F46	786871	17.08	836654	21.50	997981	24.77
09 A4F48	886229	17.08	936460	21.51	1.09539e+	24.77
10 A4F52	941997	17.08	926525	21.49	1.05309e+	24.76
11 A4F53	955013	17.07	958436	21.50	1.08988e+	24.77

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.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK325

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP102424

SAS No.: BP102424 SDG NO.: BP102424

Lab File ID: BP022583.D

Lab Sample ID: PB164325BL

Instrument ID: BNA_P

Date Extracted: 10/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/24/2024

Level: (low/med) LOW

Time Analyzed: 11:40

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4E91	P4415-02	BP022584.D	10/24/2024
A4F44	P4415-21	BP022592.D	10/24/2024
A4F44MS	P4415-22MS	BP022593.D	10/24/2024
A4F44MSD	P4415-23MSD	BP022594.D	10/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK352

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP102424

SAS No.: BP102424 SDG NO.: BP102424

Lab File ID: BP022591.D

Lab Sample ID: PB164352BL

Instrument ID: BNA_P

Date Extracted: 10/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/24/2024

Level: (low/med) LOW

Time Analyzed: 17:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
XA103	P4476-04	BP022586.D	10/24/2024
BHK68	P4435-01	BP022595.D	10/24/2024
BHK68MS	P4435-02MS	BP022596.D	10/24/2024
BHK68MSD	P4435-03MSD	BP022597.D	10/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4F46

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP102424

SAS No.: BP102424 SDG NO.: BP102424

Lab File ID: BP022598.D

Lab Sample ID: P4436-04

Instrument ID: BNA_P

Date Extracted: 10/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/24/2024

Level: (low/med) LOW

Time Analyzed: 22:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4F46	P4436-04	BP022598.D	10/24/2024
A4F48	P4436-06	BP022599.D	10/24/2024
A4F52	P4436-08	BP022600.D	10/25/2024
A4F53	P4436-09	BP022601.D	10/25/2024
A4E97	P4436-02	BP022588.D	10/24/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4415-22MS	Client Sample ID:	A4F44MS					DataFile:	BP022593.D		
1,4-Dioxane	960		220	ug/Kg	23				15	120	
Benzaldehyde	2400		160	ug/Kg	7				0	0	
Pyridine	2400		320	ug/Kg	13				0	0	
Phenol	2400		690	ug/Kg	29				26	90	
Bis(2-chloroethyl)ether	2400		650	ug/Kg	27				0	0	
2-Chlorophenol	2400		670	ug/Kg	28				25	102	
2-Methylphenol	2400		610	ug/Kg	25				0	0	
2,2-oxybis(1-Chloropropane)	2400		670	ug/Kg	28				0	0	
Acetophenone	2400	120	800	ug/Kg	28				0	0	
4-Methylphenol	2400		640	ug/Kg	27				0	0	
N-Nitroso-di-n-propylamine	2400		670	ug/Kg	28	*			41	126	
Hexachloroethane	2400		430	ug/Kg	18				0	0	
Nitrobenzene	2400		660	ug/Kg	28				0	0	
Isophorone	2400		710	ug/Kg	30				0	0	
2-Nitrophenol	2400		680	ug/Kg	28				0	0	
2,4-Dimethylphenol	2400		350	ug/Kg	15				0	0	
Bis(2-chloroethoxy)methane	2400		690	ug/Kg	29				0	0	
2,4-Dichlorophenol	2400		730	ug/Kg	30				0	0	
Naphthalene	2400		690	ug/Kg	29				0	0	
4-Chloroaniline	2400		330	ug/Kg	14				0	0	
Hexachlorobutadiene	2400		730	ug/Kg	30				0	0	
Caprolactam	2400		700	ug/Kg	29				0	0	
4-Chloro-3-methylphenol	2400		720	ug/Kg	30				26	103	
1-Methylnaphthalene	2400		700	ug/Kg	29				0	0	
2-Methylnaphthalene	2400		700	ug/Kg	29				0	0	
Hexachlorocyclopentadiene	2400		290	ug/Kg	12				0	0	
2,4,6-Trichlorophenol	2400		770	ug/Kg	32				0	0	
2,4,5-Trichlorophenol	2400		790	ug/Kg	33				0	0	
1,1'-Biphenyl	2400		730	ug/Kg	30				0	0	
2-Chloronaphthalene	2400		730	ug/Kg	30				0	0	
2-Nitroaniline	2400		710	ug/Kg	30				0	0	
Dimethylphthalate	2400		760	ug/Kg	32				0	0	
2,6-Dinitrotoluene	2400		800	ug/Kg	33				0	0	
Acenaphthylene	2400		720	ug/Kg	30				0	0	
3-Nitroaniline	2400		630	ug/Kg	26				0	0	
Acenaphthene	2400		750	ug/Kg	31				31	137	
2,4-Dinitrophenol	2400		640	ug/Kg	27				0	0	
4-Nitrophenol	2400		740	ug/Kg	31				11	114	
Dibenzofuran	2400		760	ug/Kg	32				0	0	
2,4-Dinitrotoluene	2400		790	ug/Kg	33				28	89	
Diethylphthalate	2400		800	ug/Kg	33				0	0	
Fluorene	2400		780	ug/Kg	33				0	0	
4-Chlorophenyl-phenylether	2400		770	ug/Kg	32				0	0	
4-Nitroaniline	2400		780	ug/Kg	33				0	0	
4,6-Dinitro-2-methylphenol	2400		730	ug/Kg	30				0	0	
N-Nitrosodiphenylamine	2400		790	ug/Kg	33				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102424

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	2400		700	ug/Kg	29				0	0	
4-Bromophenyl-phenylether	2400		820	ug/Kg	34				0	0	
Hexachlorobenzene	2400		530	ug/Kg	22				0	0	
Atrazine	2400		880	ug/Kg	37				0	0	
Pentachlorophenol	2400		580	ug/Kg	24				17	109	
Phenanthrene	2400	71	870	ug/Kg	33				0	0	
Pentachlorobenzene	2400		640	ug/Kg	27				0	0	
Anthracene	2400		770	ug/Kg	32				0	0	
1,2,3,4-Tetrachlorobenzene	2400		670	ug/Kg	28				0	0	
Carbazole	2400		680	ug/Kg	28				0	0	
Di-n-butylphthalate	2400		870	ug/Kg	36				0	0	
Fluoranthene	2400	150	1000	ug/Kg	35				0	0	
Pyrene	2400	0	660	ug/Kg	28	*			35	142	
Butylbenzylphthalate	2400		900	ug/Kg	38				0	0	
3,3'-Dichlorobenzidine	2400		450	ug/Kg	19				0	0	
Benzo(a)anthracene	2400		890	ug/Kg	37				0	0	
Chrysene	2400	71	880	ug/Kg	34				0	0	
Bis(2-ethylhexyl)phthalate	2400		960	ug/Kg	40				0	0	
Di-n-octylphthalate	2400		910	ug/Kg	38				0	0	
Benzo(b)fluoranthene	2400	76	880	ug/Kg	34				0	0	
Benzo(k)fluoranthene	2400		850	ug/Kg	35				0	0	
Benzo(a)pyrene	2400		340	ug/Kg	14				0	0	
Indeno(1,2,3-cd)pyrene	2400		510	ug/Kg	21				0	0	
Dibenzo(a,h)anthracene	2400		800	ug/Kg	33				0	0	
Benzo(g,h,i)perylene	2400		61	ug/Kg	3				0	0	
2,3,4,6-Tetrachlorophenol	2400		790	ug/Kg	33				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4415-23MSD	Client Sample ID:	A4F44MSD					DataFile:	BP022594.D		
1,4-Dioxane	960		250	ug/Kg	26		12		15	120	50
Benzaldehyde	2400		170	ug/Kg	7		0		0	0	0
Pyridine	2400		340	ug/Kg	14		7	*	0	0	0
Phenol	2400		730	ug/Kg	30		3		26	90	35
Bis(2-chloroethyl)ether	2400		670	ug/Kg	28		4	*	0	0	0
2-Chlorophenol	2400		690	ug/Kg	29		4		25	102	50
2-Methylphenol	2400		650	ug/Kg	27		8	*	0	0	0
2,2-oxybis(1-Chloropropane)	2400		690	ug/Kg	29		4	*	0	0	0
Acetophenone	2400	120	870	ug/Kg	31		10	*	0	0	0
4-Methylphenol	2400		710	ug/Kg	30		11	*	0	0	0
N-Nitroso-di-n-propylamine	2400		750	ug/Kg	31	*	10		41	126	38
Hexachloroethane	2400		460	ug/Kg	19		5	*	0	0	0
Nitrobenzene	2400		630	ug/Kg	26		7	*	0	0	0
Isophorone	2400		700	ug/Kg	29		3	*	0	0	0
2-Nitrophenol	2400		680	ug/Kg	28		0		0	0	0
2,4-Dimethylphenol	2400		350	ug/Kg	15		0		0	0	0
Bis(2-chloroethoxy)methane	2400		690	ug/Kg	29		0		0	0	0
2,4-Dichlorophenol	2400		730	ug/Kg	30		0		0	0	0
Naphthalene	2400		710	ug/Kg	30		3	*	0	0	0
4-Chloroaniline	2400		340	ug/Kg	14		0		0	0	0
Hexachlorobutadiene	2400		720	ug/Kg	30		0		0	0	0
Caprolactam	2400		770	ug/Kg	32		10	*	0	0	0
4-Chloro-3-methylphenol	2400		800	ug/Kg	33		10		26	103	33
1-Methylnaphthalene	2400		740	ug/Kg	31		7	*	0	0	0
2-Methylnaphthalene	2400		750	ug/Kg	31		7	*	0	0	0
Hexachlorocyclopentadiene	2400		270	ug/Kg	11		9	*	0	0	0
2,4,6-Trichlorophenol	2400		780	ug/Kg	33		3	*	0	0	0
2,4,5-Trichlorophenol	2400		810	ug/Kg	34		3	*	0	0	0
1,1'-Biphenyl	2400		750	ug/Kg	31		3	*	0	0	0
2-Chloronaphthalene	2400		740	ug/Kg	31		3	*	0	0	0
2-Nitroaniline	2400		770	ug/Kg	32		6	*	0	0	0
Dimethylphthalate	2400		790	ug/Kg	33		3	*	0	0	0
2,6-Dinitrotoluene	2400		810	ug/Kg	34		3	*	0	0	0
Acenaphthylene	2400		730	ug/Kg	30		0		0	0	0
3-Nitroaniline	2400		660	ug/Kg	28		7	*	0	0	0
Acenaphthene	2400		780	ug/Kg	33		6		31	137	19
2,4-Dinitrophenol	2400		640	ug/Kg	27		0		0	0	0
4-Nitrophenol	2400		750	ug/Kg	31		0		11	114	50
Dibenzofuran	2400		770	ug/Kg	32		0		0	0	0
2,4-Dinitrotoluene	2400		840	ug/Kg	35		6		28	89	47
Diethylphthalate	2400		820	ug/Kg	34		3	*	0	0	0
Fluorene	2400		800	ug/Kg	33		0		0	0	0
4-Chlorophenyl-phenylether	2400		810	ug/Kg	34		6	*	0	0	0
4-Nitroaniline	2400		840	ug/Kg	35		6	*	0	0	0
4,6-Dinitro-2-methylphenol	2400		750	ug/Kg	31		3	*	0	0	0
N-Nitrosodiphenylamine	2400		800	ug/Kg	33		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102424

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	2400		680	ug/Kg	28		4	*	0	0	0
4-Bromophenyl-phenylether	2400		840	ug/Kg	35		3	*	0	0	0
Hexachlorobenzene	2400		530	ug/Kg	22		0		0	0	0
Atrazine	2400		880	ug/Kg	37		0		0	0	0
Pentachlorophenol	2400		570	ug/Kg	24		0		17	109	47
Phenanthrene	2400	71	870	ug/Kg	33		0		0	0	0
Pentachlorobenzene	2400		640	ug/Kg	27		0		0	0	0
Anthracene	2400		770	ug/Kg	32		0		0	0	0
1,2,3,4-Tetrachlorobenzene	2400		670	ug/Kg	28		0		0	0	0
Carbazole	2400		690	ug/Kg	29		4	*	0	0	0
Di-n-butylphthalate	2400		870	ug/Kg	36		0		0	0	0
Fluoranthene	2400	150	1100	ug/Kg	40		13	*	0	0	0
Pyrene	2400	0	680	ug/Kg	28	*	0		35	142	36
Butylbenzylphthalate	2400		920	ug/Kg	38		0		0	0	0
3,3'-Dichlorobenzidine	2400		450	ug/Kg	19		0		0	0	0
Benzo(a)anthracene	2400		880	ug/Kg	37		0		0	0	0
Chrysene	2400	71	880	ug/Kg	34		0		0	0	0
Bis(2-ethylhexyl)phthalate	2400		940	ug/Kg	39		3	*	0	0	0
Di-n-octylphthalate	2400		910	ug/Kg	38		0		0	0	0
Benzo(b)fluoranthene	2400	76	910	ug/Kg	35		3	*	0	0	0
Benzo(k)fluoranthene	2400		870	ug/Kg	36		3	*	0	0	0
Benzo(a)pyrene	2400		350	ug/Kg	15		7	*	0	0	0
Indeno(1,2,3-cd)pyrene	2400		540	ug/Kg	23		9	*	0	0	0
Dibenzo(a,h)anthracene	2400		840	ug/Kg	35		6	*	0	0	0
Benzo(g,h,i)perylene	2400		62	ug/Kg	3		0		0	0	0
2,3,4,6-Tetrachlorophenol	2400		820	ug/Kg	34		3	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4435-02MS	Client Sample ID:	BHK68MS				DataFile:	BP022596.D			
1,4-Dioxane	580		410	ug/Kg	71				15	120	
Benzaldehyde	1500		210	ug/Kg	14				0	0	
Pyridine	1500		950	ug/Kg	63				0	0	
Phenol	1500		1100	ug/Kg	73				26	90	
Bis(2-chloroethyl)ether	1500		1100	ug/Kg	73				0	0	
2-Chlorophenol	1500		1200	ug/Kg	80				25	102	
2-Methylphenol	1500		1100	ug/Kg	73				0	0	
2,2-oxybis(1-Chloropropane)	1500		1100	ug/Kg	73				0	0	
Acetophenone	1500		1100	ug/Kg	73				0	0	
4-Methylphenol	1500		1100	ug/Kg	73				0	0	
N-Nitroso-di-n-propylamine	1500		1100	ug/Kg	73				41	126	
Hexachloroethane	1500		1100	ug/Kg	73				0	0	
Nitrobenzene	1500		1100	ug/Kg	73				0	0	
Isophorone	1500		1100	ug/Kg	73				0	0	
2-Nitrophenol	1500		1200	ug/Kg	80				0	0	
2,4-Dimethylphenol	1500		1100	ug/Kg	73				0	0	
Bis(2-chloroethoxy)methane	1500		1100	ug/Kg	73				0	0	
2,4-Dichlorophenol	1500		1200	ug/Kg	80				0	0	
Naphthalene	1500		1100	ug/Kg	73				0	0	
4-Chloroaniline	1500		600	ug/Kg	40				0	0	
Hexachlorobutadiene	1500		1200	ug/Kg	80				0	0	
Caprolactam	1500		1100	ug/Kg	73				0	0	
4-Chloro-3-methylphenol	1500		1200	ug/Kg	80				26	103	
1-Methylnaphthalene	1500		1100	ug/Kg	73				0	0	
2-Methylnaphthalene	1500		1200	ug/Kg	80				0	0	
Hexachlorocyclopentadiene	1500		770	ug/Kg	51				0	0	
2,4,6-Trichlorophenol	1500		1200	ug/Kg	80				0	0	
2,4,5-Trichlorophenol	1500		1200	ug/Kg	80				0	0	
1,1'-Biphenyl	1500		1100	ug/Kg	73				0	0	
2-Chloronaphthalene	1500		1100	ug/Kg	73				0	0	
2-Nitroaniline	1500		1100	ug/Kg	73				0	0	
Dimethylphthalate	1500		1100	ug/Kg	73				0	0	
2,6-Dinitrotoluene	1500		1200	ug/Kg	80				0	0	
Acenaphthylene	1500		1100	ug/Kg	73				0	0	
3-Nitroaniline	1500		1000	ug/Kg	67				0	0	
Acenaphthene	1500		1100	ug/Kg	73				31	137	
2,4-Dinitrophenol	1500		1100	ug/Kg	73				0	0	
4-Nitrophenol	1500		1100	ug/Kg	73				11	114	
Dibenzofuran	1500		1100	ug/Kg	73				0	0	
2,4-Dinitrotoluene	1500		1200	ug/Kg	80				28	89	
Diethylphthalate	1500		1100	ug/Kg	73				0	0	
Fluorene	1500		1100	ug/Kg	73				0	0	
4-Chlorophenyl-phenylether	1500		1200	ug/Kg	80				0	0	
4-Nitroaniline	1500		1300	ug/Kg	87				0	0	
4,6-Dinitro-2-methylphenol	1500		1100	ug/Kg	73				0	0	
N-Nitrosodiphenylamine	1500		1100	ug/Kg	73				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102424

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		1100	ug/Kg	73				0	0	
4-Bromophenyl-phenylether	1500		1200	ug/Kg	80				0	0	
Hexachlorobenzene	1500		1200	ug/Kg	80				0	0	
Atrazine	1500		1200	ug/Kg	80				0	0	
Pentachlorophenol	1500		1100	ug/Kg	73				17	109	
Phenanthrene	1500		1100	ug/Kg	73				0	0	
Pentachlorobenzene	1500		1100	ug/Kg	73				0	0	
Anthracene	1500		1100	ug/Kg	73				0	0	
1,2,3,4-Tetrachlorobenzene	1500		1100	ug/Kg	73				0	0	
Carbazole	1500		1100	ug/Kg	73				0	0	
Di-n-butylphthalate	1500		1200	ug/Kg	80				0	0	
Fluoranthene	1500		1200	ug/Kg	80				0	0	
Pyrene	1500		1200	ug/Kg	80				35	142	
Butylbenzylphthalate	1500		1200	ug/Kg	80				0	0	
3,3'-Dichlorobenzidine	1500		1100	ug/Kg	73				0	0	
Benzo(a)anthracene	1500		1200	ug/Kg	80				0	0	
Chrysene	1500		1200	ug/Kg	80				0	0	
Bis(2-ethylhexyl)phthalate	1500		1200	ug/Kg	80				0	0	
Di-n-octylphthalate	1500		1300	ug/Kg	87				0	0	
Benzo(b)fluoranthene	1500		1200	ug/Kg	80				0	0	
Benzo(k)fluoranthene	1500		1200	ug/Kg	80				0	0	
Benzo(a)pyrene	1500		1200	ug/Kg	80				0	0	
Indeno(1,2,3-cd)pyrene	1500		1100	ug/Kg	73				0	0	
Dibenzo(a,h)anthracene	1500		1100	ug/Kg	73				0	0	
Benzo(g,h,i)perylene	1500		1100	ug/Kg	73				0	0	
2,3,4,6-Tetrachlorophenol	1500		1200	ug/Kg	80				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4435-03MSD	Client Sample ID:	BHK68MSD					DataFile:	BP022597.D		
1,4-Dioxane	580		400	ug/Kg	69	3			15	120	50
Benzaldehyde	1500		220	ug/Kg	15	7	*		0	0	0
Pyridine	1500		1000	ug/Kg	67	6	*		0	0	0
Phenol	1500		1200	ug/Kg	80	9			26	90	35
Bis(2-chloroethyl)ether	1500		1200	ug/Kg	80	9	*		0	0	0
2-Chlorophenol	1500		1200	ug/Kg	80	0			25	102	50
2-Methylphenol	1500		1200	ug/Kg	80	9	*		0	0	0
2,2-oxybis(1-Chloropropane)	1500		1100	ug/Kg	73	0			0	0	0
Acetophenone	1500		1100	ug/Kg	73	0			0	0	0
4-Methylphenol	1500		1100	ug/Kg	73	0			0	0	0
N-Nitroso-di-n-propylamine	1500		1100	ug/Kg	73	0			41	126	38
Hexachloroethane	1500		1200	ug/Kg	80	9	*		0	0	0
Nitrobenzene	1500		1200	ug/Kg	80	9	*		0	0	0
Isophorone	1500		1200	ug/Kg	80	9	*		0	0	0
2-Nitrophenol	1500		1300	ug/Kg	87	8	*		0	0	0
2,4-Dimethylphenol	1500		1100	ug/Kg	73	0			0	0	0
Bis(2-chloroethoxy)methane	1500		1200	ug/Kg	80	9	*		0	0	0
2,4-Dichlorophenol	1500		1200	ug/Kg	80	0			0	0	0
Naphthalene	1500		1200	ug/Kg	80	9	*		0	0	0
4-Chloroaniline	1500		630	ug/Kg	42	5	*		0	0	0
Hexachlorobutadiene	1500		1200	ug/Kg	80	0			0	0	0
Caprolactam	1500		1100	ug/Kg	73	0			0	0	0
4-Chloro-3-methylphenol	1500		1200	ug/Kg	80	0			26	103	33
1-Methylnaphthalene	1500		1200	ug/Kg	80	9	*		0	0	0
2-Methylnaphthalene	1500		1200	ug/Kg	80	0			0	0	0
Hexachlorocyclopentadiene	1500		870	ug/Kg	58	13	*		0	0	0
2,4,6-Trichlorophenol	1500		1300	ug/Kg	87	8	*		0	0	0
2,4,5-Trichlorophenol	1500		1300	ug/Kg	87	8	*		0	0	0
1,1'-Biphenyl	1500		1200	ug/Kg	80	9	*		0	0	0
2-Chloronaphthalene	1500		1200	ug/Kg	80	9	*		0	0	0
2-Nitroaniline	1500		1200	ug/Kg	80	9	*		0	0	0
Dimethylphthalate	1500		1200	ug/Kg	80	9	*		0	0	0
2,6-Dinitrotoluene	1500		1300	ug/Kg	87	8	*		0	0	0
Acenaphthylene	1500		1200	ug/Kg	80	9	*		0	0	0
3-Nitroaniline	1500		1200	ug/Kg	80	18	*		0	0	0
Acenaphthene	1500		1200	ug/Kg	80	9			31	137	19
2,4-Dinitrophenol	1500		1200	ug/Kg	80	9	*		0	0	0
4-Nitrophenol	1500		1200	ug/Kg	80	9			11	114	50
Dibenzofuran	1500		1200	ug/Kg	80	9	*		0	0	0
2,4-Dinitrotoluene	1500		1300	ug/Kg	87	8			28	89	47
Diethylphthalate	1500		1200	ug/Kg	80	9	*		0	0	0
Fluorene	1500		1200	ug/Kg	80	9	*		0	0	0
4-Chlorophenyl-phenylether	1500		1200	ug/Kg	80	0			0	0	0
4-Nitroaniline	1500		1400	ug/Kg	93	7	*		0	0	0
4,6-Dinitro-2-methylphenol	1500		1200	ug/Kg	80	9	*		0	0	0
N-Nitrosodiphenylamine	1500		1200	ug/Kg	80	9	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP102424

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		18	*	0	0	0
4-Bromophenyl-phenylether	1500		1300	ug/Kg	87		8	*	0	0	0
Hexachlorobenzene	1500		1200	ug/Kg	80		0		0	0	0
Atrazine	1500		1300	ug/Kg	87		8	*	0	0	0
Pentachlorophenol	1500		1200	ug/Kg	80		9		17	109	47
Phenanthrene	1500		1200	ug/Kg	80		9	*	0	0	0
Pentachlorobenzene	1500		1200	ug/Kg	80		9	*	0	0	0
Anthracene	1500		1200	ug/Kg	80		9	*	0	0	0
1,2,3,4-Tetrachlorobenzene	1500		1200	ug/Kg	80		9	*	0	0	0
Carbazole	1500		1200	ug/Kg	80		9	*	0	0	0
Di-n-butylphthalate	1500		1300	ug/Kg	87		8	*	0	0	0
Fluoranthene	1500		1300	ug/Kg	87		8	*	0	0	0
Pyrene	1500		1300	ug/Kg	87		8		35	142	36
Butylbenzylphthalate	1500		1300	ug/Kg	87		8	*	0	0	0
3,3'-Dichlorobenzidine	1500		1200	ug/Kg	80		9	*	0	0	0
Benzo(a)anthracene	1500		1200	ug/Kg	80		0		0	0	0
Chrysene	1500		1200	ug/Kg	80		0		0	0	0
Bis(2-ethylhexyl)phthalate	1500		1300	ug/Kg	87		8	*	0	0	0
Di-n-octylphthalate	1500		1300	ug/Kg	87		0		0	0	0
Benzo(b)fluoranthene	1500		1300	ug/Kg	87		8	*	0	0	0
Benzo(k)fluoranthene	1500		1300	ug/Kg	87		8	*	0	0	0
Benzo(a)pyrene	1500		1200	ug/Kg	80		0		0	0	0
Indeno(1,2,3-cd)pyrene	1500		1200	ug/Kg	80		9	*	0	0	0
Dibenzo(a,h)anthracene	1500		1200	ug/Kg	80		9	*	0	0	0
Benzo(g,h,i)perylene	1500		1200	ug/Kg	80		9	*	0	0	0
2,3,4,6-Tetrachlorophenol	1500		1300	ug/Kg	87		8	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BP102424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4415-02	A4E91	BP022584.D	1,4-Dioxane-d8	8	2.54	32		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	18.46	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.33	46		10	150
			2-Chlorophenol-d4	40	19.28	48		15	120
			4-Methylphenol-d8	40	18.27	46		10	140
			Nitrobenzene-d5	40	20.20	50		10	135
			2-Nitrophenol-d4	40	20.33	51		10	120
			2,4-Dichlorophenol-d3	40	22.98	57		10	140
			4-Chloroaniline-d4	40	15.12	38		1	145
			Dimethylphthalate-d6	40	25.61	64		10	145
			Acenaphthylene-d8	40	23.95	60		15	120
			4-Nitrophenol-d4	40	23.22	58		10	150
			Fluorene-d10	40	26.21	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.44	56		10	130
			Anthracene-d10	40	26.53	66		10	150
			Pyrene-d10	40	30.02	75		10	130
			Benzo(a)pyrene-d12	40	28.04	70		10	140
P4415-02DL	A4E91DL	BP022585.D	1,4-Dioxane-d8	8	3.31	41		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	17.41	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.19	45		10	150
			2-Chlorophenol-d4	40	18.65	47		15	120
			4-Methylphenol-d8	40	17.25	43		10	140
			Nitrobenzene-d5	40	19.05	48		10	135
			2-Nitrophenol-d4	40	18.61	47		10	120
			2,4-Dichlorophenol-d3	40	21.53	54		10	140
			4-Chloroaniline-d4	40	14.37	36		1	145
			Dimethylphthalate-d6	40	24.29	61		10	145
			Acenaphthylene-d8	40	22.42	56		15	120
			4-Nitrophenol-d4	40	19.71	49		10	150
			Fluorene-d10	40	25.16	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.29	41		10	130
			Anthracene-d10	40	26.36	66		10	150
			Pyrene-d10	40	29.26	73		10	130
			Benzo(a)pyrene-d12	40	26.63	67		10	140
P4415-21	A4F44	BP022592.D	1,4-Dioxane-d8	8	1.23	15		15	120
			Pyridine-d5	40	0.91	2	*	20	120
			Phenol-d5	40	6.97	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.03	18		10	150
			2-Chlorophenol-d4	40	7.27	18		15	120
			4-Methylphenol-d8	40	6.46	16		10	140
			Nitrobenzene-d5	40	7.03	18		10	135
			2-Nitrophenol-d4	40	7.00	17		10	120
			2,4-Dichlorophenol-d3	40	7.10	18		10	140
			4-Chloroaniline-d4	40	4.61	12		1	145
			Dimethylphthalate-d6	40	7.98	20		10	145
			Acenaphthylene-d8	40	7.35	18		15	120
			4-Nitrophenol-d4	40	4.60	11		10	150

Surrogate Summary

SW-846

SDG No.: BP102424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4415-21	A4F44	BP022592.D	Fluorene-d10	40	8.03	20		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.94	12		10	130
			Anthracene-d10	40	8.08	20		10	150
			Pyrene-d10	40	7.47	19		10	130
			Benzo(a)pyrene-d12	40	4.97	12		10	140
P4415-22MS	A4F44MS	BP022593.D	1,4-Dioxane-d8	8	1.17	15		15	120
			Pyridine-d5	40	4.01	10	*	20	120
			Phenol-d5	40	6.94	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.72	17		10	150
			2-Chlorophenol-d4	40	7.24	18		15	120
			4-Methylphenol-d8	40	6.76	17		10	140
			Nitrobenzene-d5	40	7.11	18		10	135
			2-Nitrophenol-d4	40	7.38	18		10	120
			2,4-Dichlorophenol-d3	40	8.19	20		10	140
			4-Chloroaniline-d4	40	5.57	14		1	145
			Dimethylphthalate-d6	40	8.66	22		10	145
			Acenaphthylene-d8	40	8.14	20		15	120
			4-Nitrophenol-d4	40	6.98	17		10	150
			Fluorene-d10	40	8.81	22		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.59	19		10	130
			Anthracene-d10	40	9.14	23		10	150
			Pyrene-d10	40	7.79	19		10	130
			Benzo(a)pyrene-d12	40	4.76	12		10	140
P4415-23MSD	A4F44MSD	BP022594.D	1,4-Dioxane-d8	8	1.17	15		15	120
			Pyridine-d5	40	4.19	10	*	20	120
			Phenol-d5	40	7.10	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.93	17		10	150
			2-Chlorophenol-d4	40	7.42	19		15	120
			4-Methylphenol-d8	40	7.60	19		10	140
			Nitrobenzene-d5	40	7.12	18		10	135
			2-Nitrophenol-d4	40	7.24	18		10	120
			2,4-Dichlorophenol-d3	40	8.54	21		10	140
			4-Chloroaniline-d4	40	5.76	14		1	145
			Dimethylphthalate-d6	40	9.04	23		10	145
			Acenaphthylene-d8	40	8.39	21		15	120
			4-Nitrophenol-d4	40	7.53	19		10	150
			Fluorene-d10	40	9.07	23		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.68	19		10	130
			Anthracene-d10	40	9.03	23		10	150
			Pyrene-d10	40	7.92	20		10	130
			Benzo(a)pyrene-d12	40	4.96	12		10	140
PB164325BL	PB164325BL	BP022583.D	Pyridine-d5	40	22.89	57		20	120
			1,4-Dioxane-d8	8	4.59	57		15	120
			Phenol-d5	40	24.21	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.54	61		10	150
			2-Chlorophenol-d4	40	25.38	63		15	120
			4-Methylphenol-d8	40	24.55	61		10	140
			Nitrobenzene-d5	40	25.85	65		10	135
			2-Nitrophenol-d4	40	26.76	67		10	120

Surrogate Summary

SW-846

SDG No.: BP102424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164325BL	PB164325BL	BP022583.D	2,4-Dichlorophenol-d3	40	24.03	60		10	140
			4-Chloroaniline-d4	40	24.58	61		1	145
			Dimethylphthalate-d6	40	25.81	65		10	145
			Acenaphthylene-d8	40	24.42	61		15	120
			4-Nitrophenol-d4	40	22.62	57		10	150
			Fluorene-d10	40	24.70	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.58	54		10	130
			Anthracene-d10	40	25.27	63		10	150
			Pyrene-d10	40	26.79	67		10	130
			Benzo(a)pyrene-d12	40	26.14	65		10	140

Surrogate Summary

SW-846

SDG No.: BP102424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4435-01	BHK68	BP022595.D	1,4-Dioxane-d8	8	3.47	43		15	120
			Pyridine-d5	40	16.03	40		20	120
			Phenol-d5	40	21.02	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.40	54		10	150
			2-Chlorophenol-d4	40	22.15	55		15	120
			4-Methylphenol-d8	40	22.11	55		10	140
			Nitrobenzene-d5	40	22.83	57		10	135
			2-Nitrophenol-d4	40	25.20	63		10	120
			2,4-Dichlorophenol-d3	40	23.02	58		10	140
			4-Chloroaniline-d4	40	22.70	57		1	145
			Dimethylphthalate-d6	40	25.80	64		10	145
			Acenaphthylene-d8	40	24.84	62		15	120
			4-Nitrophenol-d4	40	19.20	48		10	150
			Fluorene-d10	40	25.69	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.55	41		10	130
			Anthracene-d10	40	25.67	64		10	150
			Pyrene-d10	40	27.42	69		10	130
			Benzo(a)pyrene-d12	40	26.88	67		10	140
P4435-02MS	BHK68MS	BP022596.D	1,4-Dioxane-d8	8	4.24	53		15	120
			Pyridine-d5	40	19.17	48		20	120
			Phenol-d5	40	24.84	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.93	60		10	150
			2-Chlorophenol-d4	40	25.50	64		15	120
			4-Methylphenol-d8	40	25.58	64		10	140
			Nitrobenzene-d5	40	26.28	66		10	135
			2-Nitrophenol-d4	40	27.73	69		10	120
			2,4-Dichlorophenol-d3	40	27.30	68		10	140
			4-Chloroaniline-d4	40	23.43	59		1	145
			Dimethylphthalate-d6	40	25.75	64		10	145
			Acenaphthylene-d8	40	26.21	66		15	120
			4-Nitrophenol-d4	40	20.67	52		10	150
			Fluorene-d10	40	26.30	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.10	53		10	130
			Anthracene-d10	40	25.81	65		10	150
			Pyrene-d10	40	27.88	70		10	130
			Benzo(a)pyrene-d12	40	27.62	69		10	140
P4435-03MSD	BHK68MSD	BP022597.D	1,4-Dioxane-d8	8	4.21	53		15	120
			Pyridine-d5	40	20.77	52		20	120
			Phenol-d5	40	26.38	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.67	64		10	150
			2-Chlorophenol-d4	40	26.75	67		15	120
			4-Methylphenol-d8	40	26.14	65		10	140
			Nitrobenzene-d5	40	27.66	69		10	135
			2-Nitrophenol-d4	40	29.68	74		10	120
			2,4-Dichlorophenol-d3	40	29.25	73		10	140
			4-Chloroaniline-d4	40	24.61	62		1	145
			Dimethylphthalate-d6	40	27.95	70		10	145
			Acenaphthylene-d8	40	28.54	71		15	120
			4-Nitrophenol-d4	40	23.40	58		10	150

Surrogate Summary

SW-846

SDG No.: BP102424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4435-03MSD	BHK68MSD	BP022597.D	Fluorene-d10	40	28.13	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.75	57		10	130
			Anthracene-d10	40	27.95	70		10	150
			Pyrene-d10	40	29.65	74		10	130
			Benzo(a)pyrene-d12	40	28.97	72		10	140
P4476-04	XA103	BP022586.D	1,4-Dioxane-d8	8	3.72	47		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	27.72	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.69	69		10	150
			2-Chlorophenol-d4	40	28.80	72		15	120
			4-Methylphenol-d8	40	28.95	72		10	140
			Nitrobenzene-d5	40	30.25	76		10	135
			2-Nitrophenol-d4	40	31.00	77		10	120
			2,4-Dichlorophenol-d3	40	35.14	88		10	140
			4-Chloroaniline-d4	40	18.74	47		1	145
			Dimethylphthalate-d6	40	32.84	82		10	145
			Acenaphthylene-d8	40	31.99	80		15	120
			4-Nitrophenol-d4	40	30.16	75		10	150
			Fluorene-d10	40	32.94	82		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.50	71		10	130
			Anthracene-d10	40	36.13	90		10	150
			Pyrene-d10	40	38.70	97		10	130
			Benzo(a)pyrene-d12	40	37.39	93		10	140
P4476-04DL	XA103DL	BP022587.D	1,4-Dioxane-d8	8	4.65	58		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	27.46	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.94	67		10	150
			2-Chlorophenol-d4	40	28.05	70		15	120
			4-Methylphenol-d8	40	28.06	70		10	140
			Nitrobenzene-d5	40	29.66	74		10	135
			2-Nitrophenol-d4	40	30.78	77		10	120
			2,4-Dichlorophenol-d3	40	34.16	85		10	140
			4-Chloroaniline-d4	40	19.26	48		1	145
			Dimethylphthalate-d6	40	32.74	82		10	145
			Acenaphthylene-d8	40	32.12	80		15	120
			4-Nitrophenol-d4	40	28.71	72		10	150
			Fluorene-d10	40	34.12	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.52	54		10	130
			Anthracene-d10	40	35.00	88		10	150
			Pyrene-d10	40	38.14	95		10	130
			Benzo(a)pyrene-d12	40	36.31	91		10	140
PB164352BL	PB164352BL	BP022591.D	Pyridine-d5	40	20.85	52		20	120
			1,4-Dioxane-d8	8	4.13	52		15	120
			Phenol-d5	40	21.99	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.94	57		10	150
			2-Chlorophenol-d4	40	23.73	59		15	120
			4-Methylphenol-d8	40	23.33	58		10	140
			Nitrobenzene-d5	40	24.38	61		10	135
			2-Nitrophenol-d4	40	25.69	64		10	120

Surrogate Summary

SW-846

SDG No.: BP102424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164352BL	PB164352BL	BP022591.D	2,4-Dichlorophenol-d3	40	22.71	57		10	140
			4-Chloroaniline-d4	40	23.46	59		1	145
			Dimethylphthalate-d6	40	24.73	62		10	145
			Acenaphthylene-d8	40	23.96	60		15	120
			4-Nitrophenol-d4	40	19.19	48		10	150
			Fluorene-d10	40	23.86	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.68	54		10	130
			Anthracene-d10	40	24.70	62		10	150
			Pyrene-d10	40	25.42	64		10	130
			Benzo(a)pyrene-d12	40	25.60	64		10	140

Surrogate Summary

SW-846

SDG No.: BP102424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4436-02	A4E97	BP022588.D	1,4-Dioxane-d8	8	2.62	33		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	19.17	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.68	47		10	150
			2-Chlorophenol-d4	40	19.24	48		15	120
			4-Methylphenol-d8	40	19.68	49		10	140
			Nitrobenzene-d5	40	20.38	51		10	135
			2-Nitrophenol-d4	40	20.63	52		10	120
			2,4-Dichlorophenol-d3	40	23.51	59		10	140
			4-Chloroaniline-d4	40	11.96	30		1	145
			Dimethylphthalate-d6	40	25.15	63		10	145
			Acenaphthylene-d8	40	23.51	59		15	120
			4-Nitrophenol-d4	40	22.36	56		10	150
			Fluorene-d10	40	25.70	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.58	51		10	130
			Anthracene-d10	40	26.81	67		10	150
			Pyrene-d10	40	29.67	74		10	130
			Benzo(a)pyrene-d12	40	27.88	70		10	140
P4436-02DL	A4E97DL	BP022589.D	1,4-Dioxane-d8	8	3.22	40		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	17.27	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.38	43		10	150
			2-Chlorophenol-d4	40	18.46	46		15	120
			4-Methylphenol-d8	40	16.07	40		10	140
			Nitrobenzene-d5	40	19.23	48		10	135
			2-Nitrophenol-d4	40	19.19	48		10	120
			2,4-Dichlorophenol-d3	40	21.88	55		10	140
			4-Chloroaniline-d4	40	10.60	27		1	145
			Dimethylphthalate-d6	40	23.25	58		10	145
			Acenaphthylene-d8	40	21.70	54		15	120
			4-Nitrophenol-d4	40	20.59	51		10	150
			Fluorene-d10	40	25.00	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.91	37		10	130
			Anthracene-d10	40	25.89	65		10	150
			Pyrene-d10	40	27.36	68		10	130
			Benzo(a)pyrene-d12	40	26.32	66		10	140
P4436-04	A4F46	BP022598.D	1,4-Dioxane-d8	8	1.52	19		15	120
			Pyridine-d5	40	0.72	2	*	20	120
			Phenol-d5	40	7.66	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.74	19		10	150
			2-Chlorophenol-d4	40	8.49	21		15	120
			4-Methylphenol-d8	40	7.41	19		10	140
			Nitrobenzene-d5	40	7.97	20		10	135
			2-Nitrophenol-d4	40	8.57	21		10	120
			2,4-Dichlorophenol-d3	40	8.24	21		10	140
			4-Chloroaniline-d4	40	4.85	12		1	145
			Dimethylphthalate-d6	40	9.33	23		10	145
			Acenaphthylene-d8	40	8.75	22		15	120
			4-Nitrophenol-d4	40	5.14	13		10	150

Surrogate Summary

SW-846

SDG No.: BP102424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4436-04	A4F46	BP022598.D	Fluorene-d10	40	9.66	24		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.80	15		10	130
			Anthracene-d10	40	9.46	24		10	150
			Pyrene-d10	40	8.55	21		10	130
			Benzo(a)pyrene-d12	40	5.68	14		10	140
P4436-06	A4F48	BP022599.D	1,4-Dioxane-d8	8	1.36	17		15	120
			Pyridine-d5	40	1.61	4	*	20	120
			Phenol-d5	40	8.09	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.05	20		10	150
			2-Chlorophenol-d4	40	8.80	22		15	120
			4-Methylphenol-d8	40	8.15	20		10	140
			Nitrobenzene-d5	40	8.19	20		10	135
			2-Nitrophenol-d4	40	9.12	23		10	120
			2,4-Dichlorophenol-d3	40	8.84	22		10	140
			4-Chloroaniline-d4	40	4.89	12		1	145
			Dimethylphthalate-d6	40	9.35	23		10	145
			Acenaphthylene-d8	40	8.89	22		15	120
			4-Nitrophenol-d4	40	5.85	15		10	150
			Fluorene-d10	40	9.97	25		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.34	16		10	130
			Anthracene-d10	40	10.17	25		10	150
			Pyrene-d10	40	8.85	22		10	130
			Benzo(a)pyrene-d12	40	5.52	14		10	140
			1,4-Dioxane-d8	8	1.71	21		15	120
			Pyridine-d5	40	1.58	4	*	20	120
			Phenol-d5	40	9.55	24		10	130
P4436-08	A4F52	BP022600.D	Bis(2-Chloroethyl)ether-d8	40	9.65	24		10	150
			2-Chlorophenol-d4	40	10.34	26		15	120
			4-Methylphenol-d8	40	8.74	22		10	140
			Nitrobenzene-d5	40	9.31	23		10	135
			2-Nitrophenol-d4	40	10.11	25		10	120
			2,4-Dichlorophenol-d3	40	10.17	25		10	140
			4-Chloroaniline-d4	40	6.23	16		1	145
			Dimethylphthalate-d6	40	10.50	26		10	145
			Acenaphthylene-d8	40	10.40	26		15	120
			4-Nitrophenol-d4	40	6.12	15		10	150
			Fluorene-d10	40	11.16	28		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.51	16		10	130
			Anthracene-d10	40	10.94	27		10	150
			Pyrene-d10	40	9.78	24		10	130
			Benzo(a)pyrene-d12	40	6.13	15		10	140
			1,4-Dioxane-d8	8	1.42	18		15	120
			Pyridine-d5	40	1.24	3	*	20	120
			Phenol-d5	40	8.71	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.34	23		10	150
			2-Chlorophenol-d4	40	9.92	25		15	120
P4436-09	A4F53	BP022601.D	4-Methylphenol-d8	40	7.99	20		10	140
			Nitrobenzene-d5	40	9.77	24		10	135
			2-Nitrophenol-d4	40	10.37	26		10	120

Surrogate Summary

SW-846

SDG No.: BP102424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4436-09	A4F53	BP022601.D	2,4-Dichlorophenol-d3	40	9.82	25		10	140
			4-Chloroaniline-d4	40	5.81	15		1	145
			Dimethylphthalate-d6	40	10.81	27		10	145
			Acenaphthylene-d8	40	10.54	26		15	120
			4-Nitrophenol-d4	40	6.21	16		10	150
			Fluorene-d10	40	11.17	28		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.05	18		10	130
			Anthracene-d10	40	11.17	28		10	150
			Pyrene-d10	40	9.90	25		10	130
			Benzo(a)pyrene-d12	40	6.23	16		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP102424

Lab Code: CHEM

SAS No.: BP102424 SDG NO.: BP102424

Lab File ID: BP022581.D

DFTPP Injection Date: 10/24/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:19

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.1
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	29.3
70	Less than 2.0% of mass 69	0.1 (0.2) 1
127	10.0 - 80.0% of mass 198	35.7
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	32.9
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	12.5
442	Greater than 50% of mass 198	84
443	15.0 - 24.0% of mass 442	16 (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
SSTD020674	SSTDCCC020	BP022582.D	10/24/2024	11:00
SBLK325	PB164325BL	BP022583.D	10/24/2024	11:40
A4E91	P4415-02	BP022584.D	10/24/2024	12:21
A4E91DL	P4415-02DL	BP022585.D	10/24/2024	13:01
XA103	P4476-04	BP022586.D	10/24/2024	13:44
XA103DL	P4476-04DL	BP022587.D	10/24/2024	14:31
A4E97	P4436-02	BP022588.D	10/24/2024	15:12
A4E97DL	P4436-02DL	BP022589.D	10/24/2024	16:33
SSTD020675	SSTDCCC020EC	BP022590.D	10/24/2024	17:14
SBLK352	PB164352BL	BP022591.D	10/24/2024	17:55
A4F44	P4415-21	BP022592.D	10/24/2024	18:35
A4F44MS	P4415-22MS	BP022593.D	10/24/2024	19:16
A4F44MSD	P4415-23MSD	BP022594.D	10/24/2024	19:57
BHK68	P4435-01	BP022595.D	10/24/2024	20:37
BHK68MS	P4435-02MS	BP022596.D	10/24/2024	21:18
BHK68MSD	P4435-03MSD	BP022597.D	10/24/2024	21:58
A4F46	P4436-04	BP022598.D	10/24/2024	22:39
A4F48	P4436-06	BP022599.D	10/24/2024	23:19

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP102424

Lab Code: CHEM

SAS No.: BP102424

SDG NO.: BP102424

Lab File ID: BP022581.D

DFTPP Injection Date: 10/24/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:19

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.1
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	29.3
70	Less than 2.0% of mass 69	0.1 (0.2) 1
127	10.0 - 80.0% of mass 198	35.7
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	32.9
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	12.5
442	Greater than 50% of mass 198	84
443	15.0 - 24.0% of mass 442	16 (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
A4F52	P4436-08	BP022600.D	10/25/2024	00:00
A4F53	P4436-09	BP022601.D	10/25/2024	00:40