

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP101824 SAS No.: BP101824 SDG No.: BP101824

Instrument ID: BNA_P Calibration Date/Time: 10/18/2024 : 10:05

Lab File ID: BP022453.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020662 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	0.507	0.010	-8.437	40.0
Benzaldehyde	0.910	0.935	0.010	2.7949	40.0
Pyridine	1.449	1.297	0.010	-10.4988	40.0
Phenol	1.752	1.613	0.080	-7.9308	20.0
Bis(2-Chloroethyl)ether	1.311	1.330	0.100	1.4711	20.0
2-Chlorophenol	1.235	1.233	0.200	-0.208	20.0
2-Methylphenol	1.271	1.262	0.010	-0.7424	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.531	0.010	0.4684	40.0
Acetophenone	2.218	2.257	0.060	1.7511	20.0
4-Methylphenol	1.410	1.400	0.010	-0.7492	20.0
N-Nitroso-di-n-propylamine	1.124	1.214	0.050	8.0326	30.0
Hexachloroethane	0.575	0.589	0.100	2.4146	20.0
Nitrobenzene	0.459	0.393	0.050	-14.4831	25.0
Isophorone	0.823	0.743	0.050	-9.7758	25.0
2-Nitrophenol	0.192	0.176	0.050	-8.3248	25.0
2,4-Dimethylphenol	0.417	0.370	0.050	-11.1719	25.0
Bis(2-Chloroethoxy)methane	0.467	0.454	0.050	-2.894	20.0
2,4-Dichlorophenol	0.373	0.388	0.060	4.244	20.0
Naphthalene	1.065	1.053	0.200	-1.1784	20.0
4-Chloroaniline	0.441	0.415	0.010	-5.9067	40.0
Hexachlorobutadiene	0.314	0.341	0.040	8.5823	30.0
Caprolactam	0.120	0.089	0.010	-25.5231	40.0
4-Chloro-3-methylphenol	0.407	0.359	0.040	-11.7888	25.0
1-Methylnaphthalene	0.798	0.742	0.100	-7.0293	20.0
2-Methylnaphthalene	0.782	0.712	0.100	-8.8841	20.0
Hexachlorocyclopentadiene	0.451	0.491	0.010	9.0014	40.0
2,4,6-Trichlorophenol	0.465	0.473	0.090	1.7297	25.0
2,4,5-Trichlorophenol	0.495	0.486	0.100	-1.95	25.0
1,1-Biphenyl	1.442	1.461	0.200	1.3264	20.0
2-Chloronaphthalene	1.180	1.201	0.300	1.7961	20.0
2-Nitroaniline	0.352	0.320	0.050	-9.0681	40.0
Dimethylphthalate	1.583	1.566	0.300	-1.0815	20.0
2,6-Dinitrotoluene	0.299	0.303	0.080	1.2239	30.0
Acenaphthylene	1.752	1.826	0.400	4.2347	20.0
3-Nitroaniline	0.281	0.246	0.010	-12.5529	40.0
Acenaphthene	1.239	1.225	0.200	-1.0793	20.0
2,4-Dinitrophenol	0.220	0.194	0.010	-12.1252	40.0
4-Nitrophenol	0.296	0.265	0.010	-10.5679	40.0
Dibenzofuran	1.861	1.805	0.300	-2.9886	20.0

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Lab Code: CHEM Case No.: BP101824 SAS No.: BP101824 SDG No.: BP101824

Instrument ID: BNA_P Calibration Date/Time: 10/18/2024 : 10:05

Lab File ID: BP022453.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020662 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	0.440	0.070	-5.4298	30.0
Diethylphthalate	1.519	1.493	0.300	-1.7324	20.0
Fluorene	1.516	1.480	0.200	-2.3804	20.0
4-Chlorophenyl-phenylether	0.867	0.874	0.100	0.7728	20.0
4-Nitroaniline	0.283	0.233	0.010	-17.7735	40.0
4,6-Dinitro-2-methylphenol	0.142	0.130	0.010	-8.4464	40.0
N-Nitrosodiphenylamine	0.536	0.565	0.050	5.5229	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.759	0.100	2.5784	20.0
4-Bromophenyl-phenylether	0.241	0.273	0.070	13.2792	20.0
Hexachlorobenzene	0.297	0.311	0.050	4.9018	25.0
Atrazine	0.223	0.200	0.010	-10.0	25.0
Pentachlorophenol	0.191	0.186	0.010	-2.6167	40.0
Phenanthrene	1.070	1.033	0.200	-3.4668	20.0
Pentachlorobenzene	0.337	0.369	0.050	9.5161	20.0
Anthracene	1.068	1.052	0.200	-1.4795	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.340	0.050	11.6694	20.0
Carbazole	0.945	0.816	0.050	-13.6326	40.0
Di-n-butylphthalate	1.045	1.012	0.500	-3.2393	25.0
Fluoranthene	1.216	1.513	0.400	24.4444	25.0
Pyrene	1.303	1.529	0.400	17.3448	25.0
Butylbenzylphthalate	0.454	0.460	0.100	1.2958	40.0
3,3-Dichlorobenzidine	0.477	0.457	0.010	-4.0942	40.0
Benzo (a) anthracene	1.402	1.372	0.300	-2.1487	30.0
Chrysene	1.300	1.267	0.200	-2.5316	30.0
Bis (2-ethylhexyl) phthalate	0.651	0.656	0.200	0.7037	40.0
Di-n-octyl phthalate	0.951	0.876	0.010	-7.9319	40.0
Benzo (b) fluoranthene	1.259	1.226	0.200	-2.6445	25.0
Benzo (k) fluoranthene	1.233	1.169	0.200	-5.1755	25.0
Benzo (a) pyrene	1.159	1.137	0.200	-1.8986	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.590	0.200	2.8221	25.0
Dibenzo (a,h) anthracene	1.252	1.325	0.200	5.856	30.0
Benzo (g,h,i) perylene	1.203	1.279	0.200	6.3477	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.457	0.040	-1.1205	20.0
1,4-Dioxane-d8	0.515	0.454	0.010	-11.7662	25.0
Pyridine-d5	1.413	1.291	0.010	-8.65	40.0
Phenol-d5	1.684	1.614	0.010	-4.1084	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.963	0.050	-2.6902	25.0
2-Chlorophenol-d4	1.195	1.225	0.200	2.578	20.0
4-Methylphenol-d8	1.344	1.350	0.010	0.5023	20.0

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Lab Code: CHEM Case No.: BP101824 SAS No.: BP101824 SDG No.: BP101824

Instrument ID: BNA_P Calibration Date/Time: 10/18/2024 : 10:05

Lab File ID: BP022453.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020662 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.143	0.050	-6.7874	20.0
2-Nitrophenol-d4	0.178	0.170	0.050	-4.5895	30.0
2,4-Dichlorophenol-d3	0.378	0.406	0.060	7.3405	20.0
4-Chloroaniline-d4	0.447	0.422	0.010	-5.6155	40.0
Dimethylphthalate-d6	1.589	1.569	0.300	-1.2371	20.0
Acenaphthylene-d8	1.688	1.696	0.400	0.4997	20.0
4-Nitrophenol-d4	0.267	0.205	0.010	-23.2145	40.0
Fluorene-d10	1.378	1.340	0.100	-2.7597	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.124	0.010	-6.0121	40.0
Anthracene-d10	0.941	0.934	0.300	-0.6948	20.0
Pyrene-d10	1.058	1.268	0.300	19.8786	25.0
Benzo(a)pyrene-d12	1.068	1.011	0.010	-5.3118	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.: BP101824 SAS No.: BP101824 SDG No.: BP101824
Instrument ID: BNA_P Calibration Date/Time: 10/18/2024 : 15:29
Lab File ID: BP022461.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020663 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	0.445	0.010	-19.5168	50.0
Benzaldehyde	0.910	0.966	0.010	6.1597	50.0
Pyridine	1.449	1.271	0.010	-12.2508	50.0
Phenol	1.752	1.664	0.080	-5.019	50.0
Bis(2-Chloroethyl)ether	1.311	1.324	0.100	0.9754	50.0
2-Chlorophenol	1.235	1.245	0.200	0.8119	50.0
2-Methylphenol	1.271	1.297	0.010	2.0151	50.0
2,2-oxybis(1-Chloropropane)	1.524	1.544	0.010	1.3667	50.0
Acetophenone	2.218	2.301	0.060	3.7298	50.0
4-Methylphenol	1.410	1.425	0.010	1.0338	50.0
N-Nitroso-di-n-propylamine	1.124	1.225	0.050	8.9783	50.0
Hexachloroethane	0.575	0.565	0.100	-1.7263	50.0
Nitrobenzene	0.459	0.432	0.050	-5.9423	50.0
Isophorone	0.823	0.855	0.050	3.9265	50.0
2-Nitrophenol	0.192	0.199	0.050	3.9629	50.0
2,4-Dimethylphenol	0.417	0.418	0.050	0.2303	50.0
Bis(2-Chloroethoxy)methane	0.467	0.480	0.050	2.8223	50.0
2,4-Dichlorophenol	0.373	0.382	0.060	2.5941	50.0
Naphthalene	1.065	1.062	0.200	-0.3519	50.0
4-Chloroaniline	0.441	0.436	0.010	-1.2754	50.0
Hexachlorobutadiene	0.314	0.312	0.040	-0.7845	50.0
Caprolactam	0.120	0.122	0.010	1.7724	50.0
4-Chloro-3-methylphenol	0.407	0.440	0.040	8.2551	50.0
1-Methylnaphthalene	0.798	0.844	0.100	5.8026	50.0
2-Methylnaphthalene	0.782	0.812	0.100	3.7984	50.0
Hexachlorocyclopentadiene	0.451	0.338	0.010	-25.0851	50.0
2,4,6-Trichlorophenol	0.465	0.457	0.090	-1.7416	50.0
2,4,5-Trichlorophenol	0.495	0.511	0.100	3.1233	50.0
1,1-Biphenyl	1.442	1.397	0.200	-3.1212	50.0
2-Chloronaphthalene	1.180	1.150	0.300	-2.5762	50.0
2-Nitroaniline	0.352	0.344	0.050	-2.4333	50.0
Dimethylphthalate	1.583	1.575	0.300	-0.5612	50.0
2,6-Dinitrotoluene	0.299	0.329	0.080	9.8333	50.0
Acenaphthylene	1.752	1.783	0.400	1.8093	50.0
3-Nitroaniline	0.281	0.302	0.010	7.3509	50.0
Acenaphthene	1.239	1.208	0.200	-2.4466	50.0
2,4-Dinitrophenol	0.220	0.196	0.010	-11.1057	50.0
4-Nitrophenol	0.296	0.317	0.010	7.02	50.0
Dibenzofuran	1.861	1.809	0.300	-2.7856	50.0

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Instrument ID: BNA_P Calibration Date/Time: 10/18/2024 : 15:29

Lab File ID: BP022461.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020663 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	0.492	0.070	5.8193	50.0
Diethylphthalate	1.519	1.602	0.300	5.4261	50.0
Fluorene	1.516	1.525	0.200	0.562	50.0
4-Chlorophenyl-phenylether	0.867	0.887	0.100	2.3484	50.0
4-Nitroaniline	0.283	0.334	0.010	17.9405	50.0
4,6-Dinitro-2-methylphenol	0.142	0.124	0.010	-12.7009	50.0
N-Nitrosodiphenylamine	0.536	0.526	0.050	-1.8482	50.0
1,2,4,5-Tetrachlorobenzene	0.740	0.711	0.100	-3.8769	50.0
4-Bromophenyl-phenylether	0.241	0.249	0.070	3.1228	50.0
Hexachlorobenzene	0.297	0.302	0.050	1.8438	50.0
Atrazine	0.223	0.224	0.010	0.4067	50.0
Pentachlorophenol	0.191	0.205	0.010	7.1429	50.0
Phenanthrene	1.070	1.036	0.200	-3.1384	50.0
Pentachlorobenzene	0.337	0.325	0.050	-3.5992	50.0
Anthracene	1.068	1.067	0.200	-0.1002	50.0
1,2,3,4-Tetrachlorobenzene	0.305	0.289	0.050	-5.1003	50.0
Carbazole	0.945	0.895	0.050	-5.3253	50.0
Di-n-butylphthalate	1.045	1.107	0.500	5.8582	50.0
Fluoranthene	1.216	1.365	0.400	12.2314	50.0
Pyrene	1.303	1.389	0.400	6.5775	50.0
Butylbenzylphthalate	0.454	0.519	0.100	14.3296	50.0
3,3-Dichlorobenzidine	0.477	0.409	0.010	-14.1117	50.0
Benzo (a) anthracene	1.402	1.376	0.300	-1.8372	50.0
Chrysene	1.300	1.242	0.200	-4.4294	50.0
Bis(2-ethylhexyl)phthalate	0.651	0.740	0.200	13.5663	50.0
Di-n-octyl phthalate	0.951	1.174	0.010	23.3797	50.0
Benzo (b) fluoranthene	1.259	1.292	0.200	2.6616	50.0
Benzo (k) fluoranthene	1.233	1.258	0.200	2.0332	50.0
Benzo (a) pyrene	1.159	1.158	0.200	-0.0803	50.0
Indeno (1,2,3-cd) pyrene	1.546	1.333	0.200	-13.7665	50.0
Dibenzo (a,h) anthracene	1.252	1.093	0.200	-12.677	50.0
Benzo (g,h,i) perylene	1.203	1.042	0.200	-13.3406	50.0
2,3,4,6-Tetrachlorophenol	0.462	0.493	0.040	6.5957	50.0
1,4-Dioxane-d8	0.515	0.415	0.010	-19.3468	50.0
Pyridine-d5	1.413	1.232	0.010	-12.7821	50.0
Phenol-d5	1.684	1.646	0.010	-2.2484	50.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.987	0.050	-0.2771	50.0
2-Chlorophenol-d4	1.195	1.253	0.200	4.8993	50.0
4-Methylphenol-d8	1.344	1.407	0.010	4.715	50.0

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 Instrument ID: BNA_P Calibration Date/Time: 10/18/2024 : 15:29
 Lab File ID: BP022461.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020663 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.157	0.050	2.3506	50.0
2-Nitrophenol-d4	0.178	0.192	0.050	7.8829	50.0
2,4-Dichlorophenol-d3	0.378	0.397	0.060	4.9371	50.0
4-Chloroaniline-d4	0.447	0.453	0.010	1.2922	50.0
Dimethylphthalate-d6	1.589	1.609	0.300	1.2547	50.0
Acenaphthylene-d8	1.688	1.667	0.400	-1.221	50.0
4-Nitrophenol-d4	0.267	0.260	0.010	-2.6462	50.0
Fluorene-d10	1.378	1.371	0.100	-0.5539	50.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.118	0.010	-10.6388	50.0
Anthracene-d10	0.941	0.936	0.300	-0.544	50.0
Pyrene-d10	1.058	1.132	0.300	7.047	50.0
Benzo(a)pyrene-d12	1.068	1.048	0.010	-1.8817	50.0

All other compounds must meet a minimum RRF of 0.010.

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:	SBLK170	SDG No.:	BP101824
Lab Sample ID:	PB164170BL	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
BP022454.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

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:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SBLK170	SDG No.:	BP101824
Lab Sample ID:	PB164170BL	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
BP022454.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

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:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SBLK170	SDG No.:	BP101824
Lab Sample ID:	PB164170BL	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
BP022454.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

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	3.92		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	20.225		20-120		51	SPK: -40
4165-62-2	Phenol-d5	20.607		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.11		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.65		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	22.237		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	22.184		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.637		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.442		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.94		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.356		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	21.693		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.544		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	22.237		20-140		56	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:	SBLK170	SDG No.:	BP101824
Lab Sample ID:	PB164170BL	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
BP022454.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.226		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	22.113		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	23.156		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.756		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121495	7.657				
1146-65-2	Naphthalene-d8	494334	10.422				
15067-26-2	Acenaphthene-d10	431187	14.281				
1517-22-2	Phenanthrene-d10	1109086	17.069				
1719-03-5	Chrysene-d12	1223367	21.51				
1520-96-3	Perylene-d12	1235691	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW4	SDG No.:	BP101824
Lab Sample ID:	P4346-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.7
Sample Wt/Vol:	30	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
BP022455.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	25	U	25	14.9	150	ug/Kg
100-52-7	Benzaldehyde	100	U	100	190	740	ug/Kg
110-86-1	Pyridine	74	U	74	370	740	ug/Kg
108-95-2	Phenol	97	U	97	190	740	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	90	U	90	190	740	ug/Kg
95-57-8	2-Chlorophenol	52	U	52	95.9	380	ug/Kg
95-48-7	2-Methylphenol	88	U	88	190	740	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	190	740	ug/Kg
98-86-2	Acetophenone	90	U	90	190	740	ug/Kg
106-44-5	4-Methylphenol	84	U	84	190	740	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	95.9	380	ug/Kg
67-72-1	Hexachloroethane	41	U	41	95.9	380	ug/Kg
98-95-3	Nitrobenzene	70	U	70	95.9	380	ug/Kg
78-59-1	Isophorone	110	U	110	95.9	380	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	95.9	380	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	56	95.9	380	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	97	U	97	95.9	380	ug/Kg
120-83-2	2,4-Dichlorophenol	36	U	36	95.9	380	ug/Kg
91-20-3	Naphthalene	56	U	56	95.9	380	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	95.9	740	ug/Kg
87-68-3	Hexachlorobutadiene	99	U	99	95.9	380	ug/Kg
105-60-2	Caprolactam	160	U	160	190	740	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	95.9	380	ug/Kg
90-12-0	1-Methylnaphthalene	74	U	74	95.9	380	ug/Kg
91-57-6	2-Methylnaphthalene	52	U	52	95.9	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	190	740	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	95.9	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	88	U	88	95.9	380	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW4	SDG No.:	BP101824
Lab Sample ID:	P4346-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022455.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	95.9	380	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	59	95.9	380	ug/Kg
88-74-4	2-Nitroaniline	93	U	93	95.9	380	ug/Kg
131-11-3	Dimethylphthalate	65	U	65	95.9	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	99	U	99	95.9	380	ug/Kg
208-96-8	Acenaphthylene	72	U	72	95.9	380	ug/Kg
99-09-2	3-Nitroaniline	99	U	99	190	740	ug/Kg
83-32-9	Acenaphthene	65	U	65	95.9	380	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	190	740	ug/Kg
100-02-7	4-Nitrophenol	99	U	99	190	740	ug/Kg
132-64-9	Dibenzofuran	72	U	72	95.9	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	97	U	97	95.9	380	ug/Kg
84-66-2	Diethylphthalate	68	U	68	95.9	380	ug/Kg
86-73-7	Fluorene	56	U	56	95.9	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	45	U	45	95.9	380	ug/Kg
100-01-6	4-Nitroaniline	70	U	70	190	740	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	U	170	190	740	ug/Kg
86-30-6	N-Nitrosodiphenylamine	74	U	74	95.9	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	95.9	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	65	U	65	95.9	380	ug/Kg
118-74-1	Hexachlorobenzene	72	U	72	95.9	380	ug/Kg
1912-24-9	Atrazine	160	U	160	190	740	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	190	740	ug/Kg
85-01-8	Phenanthrene	120	J	65	95.9	380	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	95.9	380	ug/Kg
120-12-7	Anthracene	56	U	56	95.9	380	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	110	U	110	95.9	380	ug/Kg
86-74-8	Carbazole	63	U	63	190	740	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	95.9	380	ug/Kg
206-44-0	Fluoranthene	250	J	120	190	380	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW4	SDG No.:	BP101824
Lab Sample ID:	P4346-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022455.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	200	J	110	95.9	380	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	190	95.9	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	740	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	61	95.9	380	ug/Kg
218-01-9	Chrysene	240	J	70	95.9	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	220	U	220	95.9	380	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	190	740	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	74	95.9	380	ug/Kg
207-08-9	Benzo(k)fluoranthene	86	U	86	95.9	380	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	72	95.9	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	70	U	70	95.9	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63	U	63	95.9	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	93	J	59	95.9	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74	U	74	95.9	380	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.568		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	17.52		20-120		44	SPK: -40
4165-62-2	Phenol-d5	19.666		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.331		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.568		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	21.168		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	21.37		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.708		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.542		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.445		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.616		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.323		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.109		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	21.847		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW4	SDG No.:	BP101824
Lab Sample ID:	P4346-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022455.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.446		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	22.836		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	23.559		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.093		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	113081	7.664				
1146-65-2	Naphthalene-d8	445315	10.416				
15067-26-2	Acenaphthene-d10	330847	14.269				
1517-22-2	Phenanthrene-d10	689448	17.081				
1719-03-5	Chrysene-d12	633297	21.51				
1520-96-3	Perylene-d12	841017	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	1000	J			15.651	
000057-10-3	n-Hexadecanoic acid	280	J			18.004	
E966796	Total Alkanes	54	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW5	SDG No.:	BP101824
Lab Sample ID:	P4346-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022456.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	18.6	190	ug/Kg
100-52-7	Benzaldehyde	130	U	130	230	930	ug/Kg
110-86-1	Pyridine	93	U	93	470	930	ug/Kg
108-95-2	Phenol	120	U	120	230	930	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	110	U	110	230	930	ug/Kg
95-57-8	2-Chlorophenol	65	U	65	120	480	ug/Kg
95-48-7	2-Methylphenol	110	U	110	230	930	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	170	230	930	ug/Kg
98-86-2	Acetophenone	110	U	110	230	930	ug/Kg
106-44-5	4-Methylphenol	100	U	100	230	930	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	140	U	140	120	480	ug/Kg
67-72-1	Hexachloroethane	51	U	51	120	480	ug/Kg
98-95-3	Nitrobenzene	88	U	88	120	480	ug/Kg
78-59-1	Isophorone	140	U	140	120	480	ug/Kg
88-75-5	2-Nitrophenol	88	U	88	120	480	ug/Kg
105-67-9	2,4-Dimethylphenol	71	U	71	120	480	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	120	U	120	120	480	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	120	480	ug/Kg
91-20-3	Naphthalene	71	U	71	120	480	ug/Kg
106-47-8	4-Chloroaniline	68	U	68	120	930	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	120	480	ug/Kg
105-60-2	Caprolactam	200	U	200	230	930	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	U	140	120	480	ug/Kg
90-12-0	1-Methylnaphthalene	93	U	93	120	480	ug/Kg
91-57-6	2-Methylnaphthalene	65	U	65	120	480	ug/Kg
77-47-4	Hexachlorocyclopentadiene	270	U	270	230	930	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	140	120	480	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	120	480	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW5	SDG No.:	BP101824
Lab Sample ID:	P4346-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022456.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	68	U	68	120	480	ug/Kg
91-58-7	2-Chloronaphthalene	73	U	73	120	480	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	120	480	ug/Kg
131-11-3	Dimethylphthalate	82	U	82	120	480	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	120	480	ug/Kg
208-96-8	Acenaphthylene	90	U	90	120	480	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	230	930	ug/Kg
83-32-9	Acenaphthene	82	U	82	120	480	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	230	930	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	230	930	ug/Kg
132-64-9	Dibenzofuran	90	U	90	120	480	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	120	480	ug/Kg
84-66-2	Diethylphthalate	85	U	85	120	480	ug/Kg
86-73-7	Fluorene	71	U	71	120	480	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	120	480	ug/Kg
100-01-6	4-Nitroaniline	88	U	88	230	930	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	220	U	220	230	930	ug/Kg
86-30-6	N-Nitrosodiphenylamine	93	U	93	120	480	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	68	U	68	120	480	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82	U	82	120	480	ug/Kg
118-74-1	Hexachlorobenzene	90	U	90	120	480	ug/Kg
1912-24-9	Atrazine	200	U	200	230	930	ug/Kg
87-86-5	Pentachlorophenol	210	U	210	230	930	ug/Kg
85-01-8	Phenanthrene	180	J	82	120	480	ug/Kg
608-93-5	Pentachlorobenzene	150	U	150	120	480	ug/Kg
120-12-7	Anthracene	71	U	71	120	480	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	140	U	140	120	480	ug/Kg
86-74-8	Carbazole	79	U	79	230	930	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	120	480	ug/Kg
206-44-0	Fluoranthene	390	J	150	230	480	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW5	SDG No.:	BP101824
Lab Sample ID:	P4346-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022456.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	330	J	140	120	480	ug/Kg
85-68-7	Butylbenzylphthalate	240	U	240	120	480	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	230	930	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	76	120	480	ug/Kg
218-01-9	Chrysene	230	J	88	120	480	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270	U	270	120	480	ug/Kg
117-84-0	Di-n-octyl phthalate	210	U	210	230	930	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	J	93	120	480	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	110	120	480	ug/Kg
50-32-8	Benzo(a)pyrene	190	J	90	120	480	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	88	120	480	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	79	U	79	120	480	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	73	120	480	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	93	U	93	120	480	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.233		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	14.804		20-120		37	SPK: -40
4165-62-2	Phenol-d5	18.038		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.73		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.88		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	18.639		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	20.164		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.082		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.797		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.978		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.147		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	20.193		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.064		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	19.607		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW5	SDG No.:	BP101824
Lab Sample ID:	P4346-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022456.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.692		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	20.994		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	20.485		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.029		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128652	7.663				
1146-65-2	Naphthalene-d8	468775	10.422				
15067-26-2	Acenaphthene-d10	325353	14.292				
1517-22-2	Phenanthrene-d10	696410	17.086				
1719-03-5	Chrysene-d12	768151	21.509				
1520-96-3	Perylene-d12	972593	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	1100	J			15.674	
000057-10-3	n-Hexadecanoic acid	460	J			18.027	
E966796	Total Alkanes	68	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW6	SDG No.:	BP101824
Lab Sample ID:	P4346-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.3
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
BP022457.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	20.1	200	ug/Kg
100-52-7	Benzaldehyde	140	U	140	250	1000	ug/Kg
110-86-1	Pyridine	100	U	100	500	1000	ug/Kg
108-95-2	Phenol	130	U	130	250	1000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	120	U	120	250	1000	ug/Kg
95-57-8	2-Chlorophenol	70	U	70	130	520	ug/Kg
95-48-7	2-Methylphenol	120	U	120	250	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	180	250	1000	ug/Kg
98-86-2	Acetophenone	120	U	120	250	1000	ug/Kg
106-44-5	4-Methylphenol	110	U	110	250	1000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	160	U	160	130	520	ug/Kg
67-72-1	Hexachloroethane	55	U	55	130	520	ug/Kg
98-95-3	Nitrobenzene	94	U	94	130	520	ug/Kg
78-59-1	Isophorone	150	U	150	130	520	ug/Kg
88-75-5	2-Nitrophenol	94	U	94	130	520	ug/Kg
105-67-9	2,4-Dimethylphenol	76	U	76	130	520	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	130	U	130	130	520	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	130	520	ug/Kg
91-20-3	Naphthalene	76	U	76	130	520	ug/Kg
106-47-8	4-Chloroaniline	73	U	73	130	1000	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	130	520	ug/Kg
105-60-2	Caprolactam	220	U	220	250	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	130	520	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	130	520	ug/Kg
91-57-6	2-Methylnaphthalene	70	U	70	130	520	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	250	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	520	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	130	520	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW6	SDG No.:	BP101824
Lab Sample ID:	P4346-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.3
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
BP022457.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	73	U	73	130	520	ug/Kg
91-58-7	2-Chloronaphthalene	79	U	79	130	520	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	130	520	ug/Kg
131-11-3	Dimethylphthalate	88	U	88	130	520	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	130	520	ug/Kg
208-96-8	Acenaphthylene	98	U	98	130	520	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	250	1000	ug/Kg
83-32-9	Acenaphthene	88	U	88	130	520	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	250	1000	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	250	1000	ug/Kg
132-64-9	Dibenzofuran	98	U	98	130	520	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	130	520	ug/Kg
84-66-2	Diethylphthalate	91	U	91	130	520	ug/Kg
86-73-7	Fluorene	76	U	76	130	520	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	130	520	ug/Kg
100-01-6	4-Nitroaniline	94	U	94	250	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	250	1000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	100	U	100	130	520	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	73	U	73	130	520	ug/Kg
101-55-3	4-Bromophenyl-phenylether	88	U	88	130	520	ug/Kg
118-74-1	Hexachlorobenzene	98	U	98	130	520	ug/Kg
1912-24-9	Atrazine	220	U	220	250	1000	ug/Kg
87-86-5	Pentachlorophenol	230	U	230	250	1000	ug/Kg
85-01-8	Phenanthrene	260	J	88	130	520	ug/Kg
608-93-5	Pentachlorobenzene	160	U	160	130	520	ug/Kg
120-12-7	Anthracene	76	U	76	130	520	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	150	U	150	130	520	ug/Kg
86-74-8	Carbazole	85	U	85	250	1000	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	190	130	520	ug/Kg
206-44-0	Fluoranthene	470	J	160	250	520	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW6	SDG No.:	BP101824
Lab Sample ID:	P4346-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022457.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	380	J	150	130	520	ug/Kg
85-68-7	Butylbenzylphthalate	260	U	260	130	520	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	U	150	250	1000	ug/Kg
56-55-3	Benzo(a)anthracene	220	J	82	130	520	ug/Kg
218-01-9	Chrysene	240	J	94	130	520	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	130	520	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	250	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	280	J	100	130	520	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	130	520	ug/Kg
50-32-8	Benzo(a)pyrene	220	J	98	130	520	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	94	130	520	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85	U	85	130	520	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	J	79	130	520	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	130	520	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.502		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	17.359		20-120		43	SPK: -40
4165-62-2	Phenol-d5	21.02		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.119		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.147		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	21.807		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	23.265		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.32		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.816		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.419		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.095		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	23.268		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.909		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	22.418		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW6	SDG No.:	BP101824
Lab Sample ID:	P4346-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.3
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
BP022457.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.1		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	23.698		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	24.589		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.212		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116382	7.663				
1146-65-2	Naphthalene-d8	424762	10.416				
15067-26-2	Acenaphthene-d10	310694	14.275				
1517-22-2	Phenanthrene-d10	612954	17.08				
1719-03-5	Chrysene-d12	586933	21.498				
1520-96-3	Perylene-d12	780917	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	530	J			15.651	
000057-10-3	n-Hexadecanoic acid	410	J			18.004	
E966796	Total Alkanes	73	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW7	SDG No.:	BP101824
Lab Sample ID:	P4346-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64
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
BP022458.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	18.3	190	ug/Kg
100-52-7	Benzaldehyde	130	U	130	230	920	ug/Kg
110-86-1	Pyridine	92	U	92	460	920	ug/Kg
108-95-2	Phenol	120	U	120	230	920	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	110	U	110	230	920	ug/Kg
95-57-8	2-Chlorophenol	64	U	64	120	470	ug/Kg
95-48-7	2-Methylphenol	110	U	110	230	920	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	170	230	920	ug/Kg
98-86-2	Acetophenone	110	U	110	230	920	ug/Kg
106-44-5	4-Methylphenol	100	U	100	230	920	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	140	U	140	120	470	ug/Kg
67-72-1	Hexachloroethane	50	U	50	120	470	ug/Kg
98-95-3	Nitrobenzene	86	U	86	120	470	ug/Kg
78-59-1	Isophorone	130	U	130	120	470	ug/Kg
88-75-5	2-Nitrophenol	86	U	86	120	470	ug/Kg
105-67-9	2,4-Dimethylphenol	69	U	69	120	470	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	120	U	120	120	470	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	120	470	ug/Kg
91-20-3	Naphthalene	69	U	69	120	470	ug/Kg
106-47-8	4-Chloroaniline	67	U	67	120	920	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	120	470	ug/Kg
105-60-2	Caprolactam	200	U	200	230	920	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	U	140	120	470	ug/Kg
90-12-0	1-Methylnaphthalene	92	U	92	120	470	ug/Kg
91-57-6	2-Methylnaphthalene	64	U	64	120	470	ug/Kg
77-47-4	Hexachlorocyclopentadiene	260	U	260	230	920	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	140	120	470	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	120	470	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW7	SDG No.:	BP101824
Lab Sample ID:	P4346-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64
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
BP022458.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	67	U	67	120	470	ug/Kg
91-58-7	2-Chloronaphthalene	72	U	72	120	470	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	120	470	ug/Kg
131-11-3	Dimethylphthalate	81	U	81	120	470	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	120	470	ug/Kg
208-96-8	Acenaphthylene	89	U	89	120	470	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	230	920	ug/Kg
83-32-9	Acenaphthene	81	U	81	120	470	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	230	920	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	230	920	ug/Kg
132-64-9	Dibenzofuran	89	U	89	120	470	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	120	470	ug/Kg
84-66-2	Diethylphthalate	83	U	83	120	470	ug/Kg
86-73-7	Fluorene	69	U	69	120	470	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	120	470	ug/Kg
100-01-6	4-Nitroaniline	86	U	86	230	920	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	210	U	210	230	920	ug/Kg
86-30-6	N-Nitrosodiphenylamine	92	U	92	120	470	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	67	U	67	120	470	ug/Kg
101-55-3	4-Bromophenyl-phenylether	81	U	81	120	470	ug/Kg
118-74-1	Hexachlorobenzene	89	U	89	120	470	ug/Kg
1912-24-9	Atrazine	200	U	200	230	920	ug/Kg
87-86-5	Pentachlorophenol	210	U	210	230	920	ug/Kg
85-01-8	Phenanthrene	81	U	81	120	470	ug/Kg
608-93-5	Pentachlorobenzene	140	U	140	120	470	ug/Kg
120-12-7	Anthracene	69	U	69	120	470	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	140	U	140	120	470	ug/Kg
86-74-8	Carbazole	78	U	78	230	920	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	120	470	ug/Kg
206-44-0	Fluoranthene	160	J	150	230	470	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW7	SDG No.:	BP101824
Lab Sample ID:	P4346-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64
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
BP022458.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	U	140	120	470	ug/Kg
85-68-7	Butylbenzylphthalate	230	U	230	120	470	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	230	920	ug/Kg
56-55-3	Benzo(a)anthracene	75	U	75	120	470	ug/Kg
218-01-9	Chrysene	86	U	86	120	470	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270	U	270	120	470	ug/Kg
117-84-0	Di-n-octyl phthalate	210	U	210	230	920	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	92	120	470	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	120	470	ug/Kg
50-32-8	Benzo(a)pyrene	89	U	89	120	470	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86	U	86	120	470	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	78	U	78	120	470	ug/Kg
191-24-2	Benzo(g,h,i)perylene	72	U	72	120	470	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	92	U	92	120	470	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.172		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	16.106		20-120		40	SPK: -40
4165-62-2	Phenol-d5	19.154		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.032		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.144		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.105		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	22.178		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.495		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.73		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.761		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.41		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.623		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.348		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	21.891		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW7	SDG No.:	BP101824
Lab Sample ID:	P4346-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	64
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
BP022458.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.294		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	23.475		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	22.663		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.259		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124355	7.664				
1146-65-2	Naphthalene-d8	444852	10.416				
15067-26-2	Acenaphthene-d10	318407	14.281				
1517-22-2	Phenanthrene-d10	679963	17.087				
1719-03-5	Chrysene-d12	770181	21.522				
1520-96-3	Perylene-d12	961422	24.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	530	J			15.663	
000057-10-3	n-Hexadecanoic acid	370	J			18.022	
E966796	Total Alkanes	67	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW8	SDG No.:	BP101824
Lab Sample ID:	P4346-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022459.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	18.3	180	ug/Kg
100-52-7	Benzaldehyde	120	U	120	230	910	ug/Kg
110-86-1	Pyridine	91	U	91	460	910	ug/Kg
108-95-2	Phenol	120	U	120	230	910	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	110	U	110	230	910	ug/Kg
95-57-8	2-Chlorophenol	64	U	64	120	470	ug/Kg
95-48-7	2-Methylphenol	110	U	110	230	910	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	170	230	910	ug/Kg
98-86-2	Acetophenone	110	U	110	230	910	ug/Kg
106-44-5	4-Methylphenol	100	U	100	230	910	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	140	U	140	120	470	ug/Kg
67-72-1	Hexachloroethane	50	U	50	120	470	ug/Kg
98-95-3	Nitrobenzene	86	U	86	120	470	ug/Kg
78-59-1	Isophorone	130	U	130	120	470	ug/Kg
88-75-5	2-Nitrophenol	86	U	86	120	470	ug/Kg
105-67-9	2,4-Dimethylphenol	69	U	69	120	470	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	120	U	120	120	470	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	120	470	ug/Kg
91-20-3	Naphthalene	69	U	69	120	470	ug/Kg
106-47-8	4-Chloroaniline	66	U	66	120	910	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	120	470	ug/Kg
105-60-2	Caprolactam	200	U	200	230	910	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	U	140	120	470	ug/Kg
90-12-0	1-Methylnaphthalene	91	U	91	120	470	ug/Kg
91-57-6	2-Methylnaphthalene	64	U	64	120	470	ug/Kg
77-47-4	Hexachlorocyclopentadiene	260	U	260	230	910	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	140	120	470	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	120	470	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW8	SDG No.:	BP101824
Lab Sample ID:	P4346-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.9
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
BP022459.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	66	U	66	120	470	ug/Kg
91-58-7	2-Chloronaphthalene	72	U	72	120	470	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	120	470	ug/Kg
131-11-3	Dimethylphthalate	80	U	80	120	470	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	120	470	ug/Kg
208-96-8	Acenaphthylene	89	U	89	120	470	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	230	910	ug/Kg
83-32-9	Acenaphthene	80	U	80	120	470	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	230	910	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	230	910	ug/Kg
132-64-9	Dibenzofuran	89	U	89	120	470	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	120	470	ug/Kg
84-66-2	Diethylphthalate	83	U	83	120	470	ug/Kg
86-73-7	Fluorene	69	U	69	120	470	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	120	470	ug/Kg
100-01-6	4-Nitroaniline	86	U	86	230	910	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	210	U	210	230	910	ug/Kg
86-30-6	N-Nitrosodiphenylamine	91	U	91	120	470	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	66	U	66	120	470	ug/Kg
101-55-3	4-Bromophenyl-phenylether	80	U	80	120	470	ug/Kg
118-74-1	Hexachlorobenzene	89	U	89	120	470	ug/Kg
1912-24-9	Atrazine	200	U	200	230	910	ug/Kg
87-86-5	Pentachlorophenol	200	U	200	230	910	ug/Kg
85-01-8	Phenanthrene	230	J	80	120	470	ug/Kg
608-93-5	Pentachlorobenzene	140	U	140	120	470	ug/Kg
120-12-7	Anthracene	69	U	69	120	470	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	140	U	140	120	470	ug/Kg
86-74-8	Carbazole	78	U	78	230	910	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	120	470	ug/Kg
206-44-0	Fluoranthene	390	J	150	230	470	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW8	SDG No.:	BP101824
Lab Sample ID:	P4346-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.9
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
BP022459.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	290	J	140	120	470	ug/Kg
85-68-7	Butylbenzylphthalate	230	U	230	120	470	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	230	910	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	75	120	470	ug/Kg
218-01-9	Chrysene	140	J	86	120	470	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270	U	270	120	470	ug/Kg
117-84-0	Di-n-octyl phthalate	210	U	210	230	910	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	91	120	470	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	120	470	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	89	120	470	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86	U	86	120	470	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	78	U	78	120	470	ug/Kg
191-24-2	Benzo(g,h,i)perylene	72	U	72	120	470	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91	U	91	120	470	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.726		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	13.933		20-120		35	SPK: -40
4165-62-2	Phenol-d5	17.726		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.288		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.28		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	19.165		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	18.871		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.018		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.356		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.539		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.506		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	19.935		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.715		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	19.403		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW8	SDG No.:	BP101824
Lab Sample ID:	P4346-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	63.9
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
BP022459.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.648		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	20.04		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	25.185		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.157		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	132648	7.664				
1146-65-2	Naphthalene-d8	519011	10.428				
15067-26-2	Acenaphthene-d10	406256	14.281				
1517-22-2	Phenanthrene-d10	919736	17.075				
1719-03-5	Chrysene-d12	739797	21.516				
1520-96-3	Perylene-d12	844144	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	360	J			15.651	
000057-10-3	n-Hexadecanoic acid	290	J			18.01	
E966796	Total Alkanes	66	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW9	SDG No.:	BP101824
Lab Sample ID:	P4346-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	65.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022460.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	18.8	190	ug/Kg
100-52-7	Benzaldehyde	130	U	130	240	940	ug/Kg
110-86-1	Pyridine	94	U	94	470	940	ug/Kg
108-95-2	Phenol	120	U	120	240	940	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	110	U	110	240	940	ug/Kg
95-57-8	2-Chlorophenol	66	U	66	120	490	ug/Kg
95-48-7	2-Methylphenol	110	U	110	240	940	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	170	240	940	ug/Kg
98-86-2	Acetophenone	110	U	110	240	940	ug/Kg
106-44-5	4-Methylphenol	110	U	110	240	940	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	U	150	120	490	ug/Kg
67-72-1	Hexachloroethane	51	U	51	120	490	ug/Kg
98-95-3	Nitrobenzene	89	U	89	120	490	ug/Kg
78-59-1	Isophorone	140	U	140	120	490	ug/Kg
88-75-5	2-Nitrophenol	89	U	89	120	490	ug/Kg
105-67-9	2,4-Dimethylphenol	71	U	71	120	490	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	120	U	120	120	490	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	120	490	ug/Kg
91-20-3	Naphthalene	71	U	71	120	490	ug/Kg
106-47-8	4-Chloroaniline	69	U	69	120	940	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	120	490	ug/Kg
105-60-2	Caprolactam	210	U	210	240	940	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	U	140	120	490	ug/Kg
90-12-0	1-Methylnaphthalene	94	U	94	120	490	ug/Kg
91-57-6	2-Methylnaphthalene	66	U	66	120	490	ug/Kg
77-47-4	Hexachlorocyclopentadiene	270	U	270	240	940	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	140	120	490	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	120	490	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW9	SDG No.:	BP101824
Lab Sample ID:	P4346-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	65.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022460.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	69	U	69	120	490	ug/Kg
91-58-7	2-Chloronaphthalene	74	U	74	120	490	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	120	490	ug/Kg
131-11-3	Dimethylphthalate	83	U	83	120	490	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	120	490	ug/Kg
208-96-8	Acenaphthylene	91	U	91	120	490	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	240	940	ug/Kg
83-32-9	Acenaphthene	83	U	83	120	490	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	240	940	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	240	940	ug/Kg
132-64-9	Dibenzofuran	91	U	91	120	490	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	120	490	ug/Kg
84-66-2	Diethylphthalate	86	U	86	120	490	ug/Kg
86-73-7	Fluorene	71	U	71	120	490	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	120	490	ug/Kg
100-01-6	4-Nitroaniline	89	U	89	240	940	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	220	U	220	240	940	ug/Kg
86-30-6	N-Nitrosodiphenylamine	94	U	94	120	490	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	69	U	69	120	490	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83	U	83	120	490	ug/Kg
118-74-1	Hexachlorobenzene	91	U	91	120	490	ug/Kg
1912-24-9	Atrazine	200	U	200	240	940	ug/Kg
87-86-5	Pentachlorophenol	210	U	210	240	940	ug/Kg
85-01-8	Phenanthrene	450	J	83	120	490	ug/Kg
608-93-5	Pentachlorobenzene	150	U	150	120	490	ug/Kg
120-12-7	Anthracene	110	J	71	120	490	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	140	U	140	120	490	ug/Kg
86-74-8	Carbazole	80	U	80	240	940	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	120	490	ug/Kg
206-44-0	Fluoranthene	810		150	240	490	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW9	SDG No.:	BP101824
Lab Sample ID:	P4346-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	65.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022460.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	610		140	120	490	ug/Kg
85-68-7	Butylbenzylphthalate	240	U	240	120	490	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	240	940	ug/Kg
56-55-3	Benzo(a)anthracene	360	J	77	120	490	ug/Kg
218-01-9	Chrysene	410	J	89	120	490	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270	U	270	120	490	ug/Kg
117-84-0	Di-n-octyl phthalate	220	U	220	240	940	ug/Kg
205-99-2	Benzo(b)fluoranthene	470	J	94	120	490	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	110	120	490	ug/Kg
50-32-8	Benzo(a)pyrene	360	J	91	120	490	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	J	89	120	490	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	80	U	80	120	490	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260	J	74	120	490	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	94	U	94	120	490	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.615		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	18.457		20-120		46	SPK: -40
4165-62-2	Phenol-d5	21.634		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.456		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.701		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	22.443		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	24.246		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.302		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.541		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.401		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.424		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.635		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.22		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	23.308		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAW9	SDG No.:	BP101824
Lab Sample ID:	P4346-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	65.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022460.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.542		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	25.307		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	25.462		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.176		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	138697	7.663				
1146-65-2	Naphthalene-d8	510949	10.422				
15067-26-2	Acenaphthene-d10	345839	14.281				
1517-22-2	Phenanthrene-d10	690860	17.075				
1719-03-5	Chrysene-d12	712998	21.504				
1520-96-3	Perylene-d12	932189	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	470	J			15.657	
000057-10-3	n-Hexadecanoic acid	450	J			18.022	
E966796	Total Alkanes	69	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:	SBLK170	SDG No.:	BP101824
Lab Sample ID:	PB164170BL	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
BP022462.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

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
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	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:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SBLK170	SDG No.:	BP101824
Lab Sample ID:	PB164170BL	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
BP022462.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

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:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	SBLK170	SDG No.:	BP101824
Lab Sample ID:	PB164170BL	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
BP022462.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

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	3.824		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	19.065		20-120		48	SPK: -40
4165-62-2	Phenol-d5	20.159		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.883		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.611		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	20.943		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	22.5		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.489		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.107		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.171		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.766		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	21.84		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.963		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	20.963		20-140		52	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:	SBLK170	SDG No.:	BP101824
Lab Sample ID:	PB164170BL	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
BP022462.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.8		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	22.058		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	22.793		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.597		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	170932	7.652				
1146-65-2	Naphthalene-d8	649145	10.416				
15067-26-2	Acenaphthene-d10	469601	14.269				
1517-22-2	Phenanthrene-d10	938268	17.069				
1719-03-5	Chrysene-d12	882931	21.498				
1520-96-3	Perylene-d12	1093307	24.762				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX8	SDG No.:	BP101824
Lab Sample ID:	P4346-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	73.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022463.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	42	U	42	25.1	250	ug/Kg
100-52-7	Benzaldehyde	170	U	170	310	1300	ug/Kg
110-86-1	Pyridine	130	U	130	630	1300	ug/Kg
108-95-2	Phenol	160	U	160	310	1300	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	150	U	150	310	1300	ug/Kg
95-57-8	2-Chlorophenol	87	U	87	160	650	ug/Kg
95-48-7	2-Methylphenol	150	U	150	310	1300	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	230	U	230	310	1300	ug/Kg
98-86-2	Acetophenone	150	U	150	310	1300	ug/Kg
106-44-5	4-Methylphenol	140	U	140	310	1300	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	190	U	190	160	650	ug/Kg
67-72-1	Hexachloroethane	68	U	68	160	650	ug/Kg
98-95-3	Nitrobenzene	120	U	120	160	650	ug/Kg
78-59-1	Isophorone	180	U	180	160	650	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	650	ug/Kg
105-67-9	2,4-Dimethylphenol	95	U	95	160	650	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	160	U	160	160	650	ug/Kg
120-83-2	2,4-Dichlorophenol	61	U	61	160	650	ug/Kg
91-20-3	Naphthalene	95	U	95	160	650	ug/Kg
106-47-8	4-Chloroaniline	91	U	91	160	1300	ug/Kg
87-68-3	Hexachlorobutadiene	170	U	170	160	650	ug/Kg
105-60-2	Caprolactam	270	U	270	310	1300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	190	U	190	160	650	ug/Kg
90-12-0	1-Methylnaphthalene	130	U	130	160	650	ug/Kg
91-57-6	2-Methylnaphthalene	87	U	87	160	650	ug/Kg
77-47-4	Hexachlorocyclopentadiene	360	U	360	310	1300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	190	U	190	160	650	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	U	150	160	650	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX8	SDG No.:	BP101824
Lab Sample ID:	P4346-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	73.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022463.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	91	U	91	160	650	ug/Kg
91-58-7	2-Chloronaphthalene	99	U	99	160	650	ug/Kg
88-74-4	2-Nitroaniline	160	U	160	160	650	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	160	650	ug/Kg
606-20-2	2,6-Dinitrotoluene	170	U	170	160	650	ug/Kg
208-96-8	Acenaphthylene	120	U	120	160	650	ug/Kg
99-09-2	3-Nitroaniline	170	U	170	310	1300	ug/Kg
83-32-9	Acenaphthene	110	U	110	160	650	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	310	1300	ug/Kg
100-02-7	4-Nitrophenol	170	U	170	310	1300	ug/Kg
132-64-9	Dibenzofuran	120	U	120	160	650	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	U	160	160	650	ug/Kg
84-66-2	Diethylphthalate	110	U	110	160	650	ug/Kg
86-73-7	Fluorene	95	U	95	160	650	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	76	U	76	160	650	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	310	1300	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	290	U	290	310	1300	ug/Kg
86-30-6	N-Nitrosodiphenylamine	130	U	130	160	650	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91	U	91	160	650	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	160	650	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	160	650	ug/Kg
1912-24-9	Atrazine	270	U	270	310	1300	ug/Kg
87-86-5	Pentachlorophenol	280	U	280	310	1300	ug/Kg
85-01-8	Phenanthrene	110	U	110	160	650	ug/Kg
608-93-5	Pentachlorobenzene	200	U	200	160	650	ug/Kg
120-12-7	Anthracene	95	U	95	160	650	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	190	U	190	160	650	ug/Kg
86-74-8	Carbazole	110	U	110	310	1300	ug/Kg
84-74-2	Di-n-butylphthalate	230	U	230	160	650	ug/Kg
206-44-0	Fluoranthene	210	U	210	310	650	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX8	SDG No.:	BP101824
Lab Sample ID:	P4346-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	73.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022463.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	190	U	190	160	650	ug/Kg
85-68-7	Butylbenzylphthalate	320	U	320	160	650	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	310	1300	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	160	650	ug/Kg
218-01-9	Chrysene	120	U	120	160	650	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	370	U	370	160	650	ug/Kg
117-84-0	Di-n-octyl phthalate	290	U	290	310	1300	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	U	130	160	650	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	U	140	160	650	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	160	650	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	160	650	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	160	650	ug/Kg
191-24-2	Benzo(g,h,i)perylene	99	U	99	160	650	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	U	130	160	650	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.721		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	14.188		20-120		35	SPK: -40
4165-62-2	Phenol-d5	16.809		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.964		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.242		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.937		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	17.896		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.982		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.639		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.492		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.877		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	19.825		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.076		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	20.529		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAX8	SDG No.:	BP101824
Lab Sample ID:	P4346-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	73.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022463.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.758		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	20.512		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	25.86		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.987		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127023	7.664				
1146-65-2	Naphthalene-d8	515979	10.422				
15067-26-2	Acenaphthene-d10	417514	14.281				
1517-22-2	Phenanthrene-d10	949376	17.092				
1719-03-5	Chrysene-d12	742653	21.516				
1520-96-3	Perylene-d12	844128	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	1400	J			15.669	
000057-10-3	n-Hexadecanoic acid	300	J			18.016	
E966796	Total Alkanes	91	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAY0	SDG No.:	BP101824
Lab Sample ID:	P4346-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022464.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	21.4	220	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	1100	ug/Kg
110-86-1	Pyridine	110	U	110	530	1100	ug/Kg
108-95-2	Phenol	140	U	140	270	1100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	130	U	130	270	1100	ug/Kg
95-57-8	2-Chlorophenol	74	U	74	140	550	ug/Kg
95-48-7	2-Methylphenol	130	U	130	270	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	270	1100	ug/Kg
98-86-2	Acetophenone	130	U	130	270	1100	ug/Kg
106-44-5	4-Methylphenol	120	U	120	270	1100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	170	U	170	140	550	ug/Kg
67-72-1	Hexachloroethane	58	U	58	140	550	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	550	ug/Kg
78-59-1	Isophorone	160	U	160	140	550	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	550	ug/Kg
105-67-9	2,4-Dimethylphenol	81	U	81	140	550	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	U	140	140	550	ug/Kg
120-83-2	2,4-Dichlorophenol	52	U	52	140	550	ug/Kg
91-20-3	Naphthalene	81	U	81	140	550	ug/Kg
106-47-8	4-Chloroaniline	78	U	78	140	1100	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	140	550	ug/Kg
105-60-2	Caprolactam	230	U	230	270	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	140	550	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	140	550	ug/Kg
91-57-6	2-Methylnaphthalene	74	U	74	140	550	ug/Kg
77-47-4	Hexachlorocyclopentadiene	310	U	310	270	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	160	140	550	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	140	550	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAY0	SDG No.:	BP101824
Lab Sample ID:	P4346-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022464.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	78	U	78	140	550	ug/Kg
91-58-7	2-Chloronaphthalene	84	U	84	140	550	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	140	550	ug/Kg
131-11-3	Dimethylphthalate	94	U	94	140	550	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	140	140	550	ug/Kg
208-96-8	Acenaphthylene	100	U	100	140	550	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	270	1100	ug/Kg
83-32-9	Acenaphthene	94	U	94	140	550	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	270	1100	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	270	1100	ug/Kg
132-64-9	Dibenzofuran	100	U	100	140	550	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	140	550	ug/Kg
84-66-2	Diethylphthalate	97	U	97	140	550	ug/Kg
86-73-7	Fluorene	81	U	81	140	550	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	65	U	65	140	550	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	270	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	U	250	270	1100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	110	U	110	140	550	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	78	U	78	140	550	ug/Kg
101-55-3	4-Bromophenyl-phenylether	94	U	94	140	550	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	140	550	ug/Kg
1912-24-9	Atrazine	230	U	230	270	1100	ug/Kg
87-86-5	Pentachlorophenol	240	U	240	270	1100	ug/Kg
85-01-8	Phenanthrene	180	J	94	140	550	ug/Kg
608-93-5	Pentachlorobenzene	170	U	170	140	550	ug/Kg
120-12-7	Anthracene	81	U	81	140	550	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	160	U	160	140	550	ug/Kg
86-74-8	Carbazole	91	U	91	270	1100	ug/Kg
84-74-2	Di-n-butylphthalate	200	U	200	140	550	ug/Kg
206-44-0	Fluoranthene	560		170	270	550	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAY0	SDG No.:	BP101824
Lab Sample ID:	P4346-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022464.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	400	J	160	140	550	ug/Kg
85-68-7	Butylbenzylphthalate	270	U	270	140	550	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	1100	ug/Kg
56-55-3	Benzo(a)anthracene	250	J	87	140	550	ug/Kg
218-01-9	Chrysene	190	J	100	140	550	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	140	550	ug/Kg
117-84-0	Di-n-octyl phthalate	250	U	250	270	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	350	J	110	140	550	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	120	140	550	ug/Kg
50-32-8	Benzo(a)pyrene	260	J	100	140	550	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	100	140	550	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91	U	91	140	550	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	J	84	140	550	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	140	550	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.294		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	11.932		20-120		30	SPK: -40
4165-62-2	Phenol-d5	13.712		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.776		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.713		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	15.092		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	14.967		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.064		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.117		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.895		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.543		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	15.484		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.561		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	15.25		20-140		38	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAY0	SDG No.:	BP101824
Lab Sample ID:	P4346-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022464.D	1	10/15/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.999		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	15.279		10-150		38	SPK: -40
1718-52-1	Pyrene-d10	19.275		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.606		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144234	7.669				
1146-65-2	Naphthalene-d8	577273	10.422				
15067-26-2	Acenaphthene-d10	452087	14.275				
1517-22-2	Phenanthrene-d10	966144	17.08				
1719-03-5	Chrysene-d12	693012	21.51				
1520-96-3	Perylene-d12	897137	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	510	J			15.663	
000057-10-3	n-Hexadecanoic acid	240	J			18.01	
E966796	Total Alkanes	78	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAZ0MSD	SDG No.:	BP101824
Lab Sample ID:	P4361-10MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	71.6
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022465.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1300		39	23.2	230	ug/Kg
100-52-7	Benzaldehyde	1100	J	160	290	1200	ug/Kg
110-86-1	Pyridine	3100		120	580	1200	ug/Kg
108-95-2	Phenol	3500		150	290	1200	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	3500		140	290	1200	ug/Kg
95-57-8	2-Chlorophenol	3700		81	150	600	ug/Kg
95-48-7	2-Methylphenol	3500		140	290	1200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3400		210	290	1200	ug/Kg
98-86-2	Acetophenone	3300		140	290	1200	ug/Kg
106-44-5	4-Methylphenol	3400		130	290	1200	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3400		180	150	600	ug/Kg
67-72-1	Hexachloroethane	3700		63	150	600	ug/Kg
98-95-3	Nitrobenzene	3500		110	150	600	ug/Kg
78-59-1	Isophorone	3500		170	150	600	ug/Kg
88-75-5	2-Nitrophenol	3900		110	150	600	ug/Kg
105-67-9	2,4-Dimethylphenol	3500		88	150	600	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	3600		150	150	600	ug/Kg
120-83-2	2,4-Dichlorophenol	3800		56	150	600	ug/Kg
91-20-3	Naphthalene	3700		88	150	600	ug/Kg
106-47-8	4-Chloroaniline	2100		84	150	1200	ug/Kg
87-68-3	Hexachlorobutadiene	3900		150	150	600	ug/Kg
105-60-2	Caprolactam	3000		250	290	1200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3500		170	150	600	ug/Kg
90-12-0	1-Methylnaphthalene	3500		120	150	600	ug/Kg
91-57-6	2-Methylnaphthalene	3600		81	150	600	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600		330	290	1200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4000		170	150	600	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3900		140	150	600	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAZ0MSD	SDG No.:	BP101824
Lab Sample ID:	P4361-10MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	71.6
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022465.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3900		84	150	600	ug/Kg
91-58-7	2-Chloronaphthalene	3900		91	150	600	ug/Kg
88-74-4	2-Nitroaniline	3500		140	150	600	ug/Kg
131-11-3	Dimethylphthalate	3600		100	150	600	ug/Kg
606-20-2	2,6-Dinitrotoluene	3800		150	150	600	ug/Kg
208-96-8	Acenaphthylene	3700		110	150	600	ug/Kg
99-09-2	3-Nitroaniline	3400		150	290	1200	ug/Kg
83-32-9	Acenaphthene	3700		100	150	600	ug/Kg
51-28-5	2,4-Dinitrophenol	3100		170	290	1200	ug/Kg
100-02-7	4-Nitrophenol	3400		150	290	1200	ug/Kg
132-64-9	Dibenzofuran	3700		110	150	600	ug/Kg
121-14-2	2,4-Dinitrotoluene	3600		150	150	600	ug/Kg
84-66-2	Diethylphthalate	3600		110	150	600	ug/Kg
86-73-7	Fluorene	3600		88	150	600	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3700		70	150	600	ug/Kg
100-01-6	4-Nitroaniline	3800		110	290	1200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3500		270	290	1200	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3900		120	150	600	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4100		84	150	600	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4200		100	150	600	ug/Kg
118-74-1	Hexachlorobenzene	4000		110	150	600	ug/Kg
1912-24-9	Atrazine	4000		250	290	1200	ug/Kg
87-86-5	Pentachlorophenol	4000		260	290	1200	ug/Kg
85-01-8	Phenanthrene	3800		100	150	600	ug/Kg
608-93-5	Pentachlorobenzene	4000		180	150	600	ug/Kg
120-12-7	Anthracene	3700		88	150	600	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4300		180	150	600	ug/Kg
86-74-8	Carbazole	3700		98	290	1200	ug/Kg
84-74-2	Di-n-butylphthalate	3900		210	150	600	ug/Kg
206-44-0	Fluoranthene	3900		190	290	600	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAZ0MSD	SDG No.:	BP101824
Lab Sample ID:	P4361-10MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	71.6
Sample Wt/Vol:	30.04	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
BP022465.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3800		170	150	600	ug/Kg
85-68-7	Butylbenzylphthalate	4000		300	150	600	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3500		170	290	1200	ug/Kg
56-55-3	Benzo(a)anthracene	3900		95	150	600	ug/Kg
218-01-9	Chrysene	3900		110	150	600	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4100		340	150	600	ug/Kg
117-84-0	Di-n-octyl phthalate	4000		270	290	1200	ug/Kg
205-99-2	Benzo(b)fluoranthene	4000		120	150	600	ug/Kg
207-08-9	Benzo(k)fluoranthene	3800		130	150	600	ug/Kg
50-32-8	Benzo(a)pyrene	3800		110	150	600	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3800		110	150	600	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3800		98	150	600	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3900		91	150	600	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3700		120	150	600	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.21		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	21.073		20-120		53	SPK: -40
4165-62-2	Phenol-d5	23.716		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.789		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.891		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	23.982		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	25.728		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.508		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.245		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.913		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.181		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.554		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.689		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	25.74		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAZ0MSD	SDG No.:	BP101824
Lab Sample ID:	P4361-10MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	71.6
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022465.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.306		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	27.328		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	27.173		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.595		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115580	7.663				
1146-65-2	Naphthalene-d8	426556	10.416				
15067-26-2	Acenaphthene-d10	296901	14.275				
1517-22-2	Phenanthrene-d10	657274	17.069				
1719-03-5	Chrysene-d12	737810	21.504				
1520-96-3	Perylene-d12	889693	24.762				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	84	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAZ2	SDG No.:	BP101824
Lab Sample ID:	P4361-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.5
Sample Wt/Vol:	30	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
BP022466.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	20.3	210	ug/Kg
100-52-7	Benzaldehyde	140	U	140	250	1000	ug/Kg
110-86-1	Pyridine	100	U	100	510	1000	ug/Kg
108-95-2	Phenol	130	U	130	250	1000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	120	U	120	250	1000	ug/Kg
95-57-8	2-Chlorophenol	71	U	71	130	520	ug/Kg
95-48-7	2-Methylphenol	120	U	120	250	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	180	250	1000	ug/Kg
98-86-2	Acetophenone	120	U	120	250	1000	ug/Kg
106-44-5	4-Methylphenol	110	U	110	250	1000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	160	U	160	130	520	ug/Kg
67-72-1	Hexachloroethane	55	U	55	130	520	ug/Kg
98-95-3	Nitrobenzene	95	U	95	130	520	ug/Kg
78-59-1	Isophorone	150	U	150	130	520	ug/Kg
88-75-5	2-Nitrophenol	95	U	95	130	520	ug/Kg
105-67-9	2,4-Dimethylphenol	77	U	77	130	520	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	130	U	130	130	520	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	130	520	ug/Kg
91-20-3	Naphthalene	77	U	77	130	520	ug/Kg
106-47-8	4-Chloroaniline	74	U	74	130	1000	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	130	520	ug/Kg
105-60-2	Caprolactam	220	U	220	250	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	130	520	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	130	520	ug/Kg
91-57-6	2-Methylnaphthalene	71	U	71	130	520	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	250	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	520	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	130	520	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAZ2	SDG No.:	BP101824
Lab Sample ID:	P4361-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022466.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	74	U	74	130	520	ug/Kg
91-58-7	2-Chloronaphthalene	80	U	80	130	520	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	130	520	ug/Kg
131-11-3	Dimethylphthalate	89	U	89	130	520	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	140	130	520	ug/Kg
208-96-8	Acenaphthylene	98	U	98	130	520	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	250	1000	ug/Kg
83-32-9	Acenaphthene	89	U	89	130	520	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	250	1000	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	250	1000	ug/Kg
132-64-9	Dibenzofuran	98	U	98	130	520	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	130	520	ug/Kg
84-66-2	Diethylphthalate	92	U	92	130	520	ug/Kg
86-73-7	Fluorene	77	U	77	130	520	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62	U	62	130	520	ug/Kg
100-01-6	4-Nitroaniline	95	U	95	250	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	240	U	240	250	1000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	100	U	100	130	520	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	74	U	74	130	520	ug/Kg
101-55-3	4-Bromophenyl-phenylether	89	U	89	130	520	ug/Kg
118-74-1	Hexachlorobenzene	98	U	98	130	520	ug/Kg
1912-24-9	Atrazine	220	U	220	250	1000	ug/Kg
87-86-5	Pentachlorophenol	230	U	230	250	1000	ug/Kg
85-01-8	Phenanthrene	89	U	89	130	520	ug/Kg
608-93-5	Pentachlorobenzene	160	U	160	130	520	ug/Kg
120-12-7	Anthracene	77	U	77	130	520	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	150	U	150	130	520	ug/Kg
86-74-8	Carbazole	86	U	86	250	1000	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	190	130	520	ug/Kg
206-44-0	Fluoranthene	190	J	170	250	520	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAZ2	SDG No.:	BP101824
Lab Sample ID:	P4361-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022466.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	J	150	130	520	ug/Kg
85-68-7	Butylbenzylphthalate	260	U	260	130	520	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	U	150	250	1000	ug/Kg
56-55-3	Benzo(a)anthracene	83	U	83	130	520	ug/Kg
218-01-9	Chrysene	110	J	95	130	520	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	130	520	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	250	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	100	130	520	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	130	520	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	98	130	520	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95	U	95	130	520	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86	U	86	130	520	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	520	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	130	520	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.774		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	14.222		20-120		36	SPK: -40
4165-62-2	Phenol-d5	17.306		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.762		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.235		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.722		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	18.639		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.218		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.978		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.082		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.227		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	20.898		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.189		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	20.136		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAZ2	SDG No.:	BP101824
Lab Sample ID:	P4361-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022466.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.877		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	22.189		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	22.333		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.896		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109739	7.664				
1146-65-2	Naphthalene-d8	437954	10.422				
15067-26-2	Acenaphthene-d10	310763	14.275				
1517-22-2	Phenanthrene-d10	586710	17.087				
1719-03-5	Chrysene-d12	557521	21.516				
1520-96-3	Perylene-d12	758568	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	450	J			15.657	
000057-10-3	n-Hexadecanoic acid	260	J			18.01	
E966796	Total Alkanes	74	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAY6	SDG No.:	BP101824
Lab Sample ID:	P4361-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	76.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022467.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	47	U	47	28.5	290	ug/Kg
100-52-7	Benzaldehyde	190	U	190	360	1400	ug/Kg
110-86-1	Pyridine	140	U	140	710	1400	ug/Kg
108-95-2	Phenol	190	U	190	360	1400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	170	U	170	360	1400	ug/Kg
95-57-8	2-Chlorophenol	99	U	99	180	730	ug/Kg
95-48-7	2-Methylphenol	170	U	170	360	1400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	260	U	260	360	1400	ug/Kg
98-86-2	Acetophenone	170	U	170	360	1400	ug/Kg
106-44-5	4-Methylphenol	160	U	160	360	1400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	220	U	220	180	730	ug/Kg
67-72-1	Hexachloroethane	78	U	78	180	730	ug/Kg
98-95-3	Nitrobenzene	130	U	130	180	730	ug/Kg
78-59-1	Isophorone	210	U	210	180	730	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	180	730	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	180	730	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	190	U	190	180	730	ug/Kg
120-83-2	2,4-Dichlorophenol	69	U	69	180	730	ug/Kg
91-20-3	Naphthalene	110	U	110	180	730	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	180	1400	ug/Kg
87-68-3	Hexachlorobutadiene	190	U	190	180	730	ug/Kg
105-60-2	Caprolactam	310	U	310	360	1400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	210	U	210	180	730	ug/Kg
90-12-0	1-Methylnaphthalene	140	U	140	180	730	ug/Kg
91-57-6	2-Methylnaphthalene	99	U	99	180	730	ug/Kg
77-47-4	Hexachlorocyclopentadiene	410	U	410	360	1400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	210	U	210	180	730	ug/Kg
95-95-4	2,4,5-Trichlorophenol	170	U	170	180	730	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAY6	SDG No.:	BP101824
Lab Sample ID:	P4361-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	76.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022467.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	100	U	100	180	730	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	180	730	ug/Kg
88-74-4	2-Nitroaniline	180	U	180	180	730	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	180	730	ug/Kg
606-20-2	2,6-Dinitrotoluene	190	U	190	180	730	ug/Kg
208-96-8	Acenaphthylene	140	U	140	180	730	ug/Kg
99-09-2	3-Nitroaniline	190	U	190	360	1400	ug/Kg
83-32-9	Acenaphthene	130	U	130	180	730	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	360	1400	ug/Kg
100-02-7	4-Nitrophenol	190	U	190	360	1400	ug/Kg
132-64-9	Dibenzofuran	140	U	140	180	730	ug/Kg
121-14-2	2,4-Dinitrotoluene	190	U	190	180	730	ug/Kg
84-66-2	Diethylphthalate	130	U	130	180	730	ug/Kg
86-73-7	Fluorene	110	U	110	180	730	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	86	U	86	180	730	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	360	1400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	330	U	330	360	1400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	140	U	140	180	730	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	180	730	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	180	730	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	180	730	ug/Kg
1912-24-9	Atrazine	310	U	310	360	1400	ug/Kg
87-86-5	Pentachlorophenol	320	U	320	360	1400	ug/Kg
85-01-8	Phenanthrene	200	J	130	180	730	ug/Kg
608-93-5	Pentachlorobenzene	220	U	220	180	730	ug/Kg
120-12-7	Anthracene	110	U	110	180	730	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	220	U	220	180	730	ug/Kg
86-74-8	Carbazole	120	U	120	360	1400	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	180	730	ug/Kg
206-44-0	Fluoranthene	390	J	230	360	730	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAY6	SDG No.:	BP101824
Lab Sample ID:	P4361-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	76.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022467.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	280	J	210	180	730	ug/Kg
85-68-7	Butylbenzylphthalate	360	U	360	180	730	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	360	1400	ug/Kg
56-55-3	Benzo(a)anthracene	200	J	120	180	730	ug/Kg
218-01-9	Chrysene	160	J	130	180	730	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	410	U	410	180	730	ug/Kg
117-84-0	Di-n-octyl phthalate	330	U	330	360	1400	ug/Kg
205-99-2	Benzo(b)fluoranthene	280	J	140	180	730	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	U	160	180	730	ug/Kg
50-32-8	Benzo(a)pyrene	200	J	140	180	730	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	U	130	180	730	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	180	730	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	180	730	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	140	180	730	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.87		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	9.037		20-120		23	SPK: -40
4165-62-2	Phenol-d5	10.122		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.145		10-150		28	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.302		15-120		28	SPK: -40
190780-66-6	4-Methylphenol-d8	10.934		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	11.213		10-135		28	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.48		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.133		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.805		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.479		10-145		31	SPK: -40
93951-97-4	Acenaphthylene-d8	12.332		15-120		31	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.841	*	10-150		5	SPK: -40
81103-79-9	Fluorene-d10	12.004		20-140		30	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAY6	SDG No.:	BP101824
Lab Sample ID:	P4361-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	76.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022467.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.796	*	10-130		4	SPK: -40
1719-06-8	Anthracene-d10	12.754		10-150		32	SPK: -40
1718-52-1	Pyrene-d10	13.152		10-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.261		10-140		33	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119204	7.663				
1146-65-2	Naphthalene-d8	462839	10.422				
15067-26-2	Acenaphthene-d10	330238	14.275				
1517-22-2	Phenanthrene-d10	674980	17.069				
1719-03-5	Chrysene-d12	709822	21.504				
1520-96-3	Perylene-d12	903931	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	570	J			15.651	
E966796	Total Alkanes	100	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAZ4	SDG No.:	BP101824
Lab Sample ID:	P4361-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	71.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022468.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	39	U	39	23.2	230	ug/Kg
100-52-7	Benzaldehyde	160	U	160	290	1200	ug/Kg
110-86-1	Pyridine	120	U	120	580	1200	ug/Kg
108-95-2	Phenol	150	U	150	290	1200	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	140	U	140	290	1200	ug/Kg
95-57-8	2-Chlorophenol	81	U	81	150	600	ug/Kg
95-48-7	2-Methylphenol	140	U	140	290	1200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	210	U	210	290	1200	ug/Kg
98-86-2	Acetophenone	240	J	140	290	1200	ug/Kg
106-44-5	4-Methylphenol	130	U	130	290	1200	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	180	U	180	150	600	ug/Kg
67-72-1	Hexachloroethane	63	U	63	150	600	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	600	ug/Kg
78-59-1	Isophorone	170	U	170	150	600	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	600	ug/Kg
105-67-9	2,4-Dimethylphenol	88	U	88	150	600	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	150	U	150	150	600	ug/Kg
120-83-2	2,4-Dichlorophenol	56	U	56	150	600	ug/Kg
91-20-3	Naphthalene	88	U	88	150	600	ug/Kg
106-47-8	4-Chloroaniline	84	U	84	150	1200	ug/Kg
87-68-3	Hexachlorobutadiene	150	U	150	150	600	ug/Kg
105-60-2	Caprolactam	250	U	250	290	1200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	170	150	600	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	150	600	ug/Kg
91-57-6	2-Methylnaphthalene	81	U	81	150	600	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	U	330	290	1200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	170	U	170	150	600	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	U	140	150	600	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAZ4	SDG No.:	BP101824
Lab Sample ID:	P4361-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	71.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022468.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	84	U	84	150	600	ug/Kg
91-58-7	2-Chloronaphthalene	91	U	91	150	600	ug/Kg
88-74-4	2-Nitroaniline	140	U	140	150	600	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	150	600	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	U	150	150	600	ug/Kg
208-96-8	Acenaphthylene	110	U	110	150	600	ug/Kg
99-09-2	3-Nitroaniline	150	U	150	290	1200	ug/Kg
83-32-9	Acenaphthene	100	U	100	150	600	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	290	1200	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	290	1200	ug/Kg
132-64-9	Dibenzofuran	110	U	110	150	600	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	150	600	ug/Kg
84-66-2	Diethylphthalate	110	U	110	150	600	ug/Kg
86-73-7	Fluorene	88	U	88	150	600	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	70	U	70	150	600	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	290	1200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	270	U	270	290	1200	ug/Kg
86-30-6	N-Nitrosodiphenylamine	120	U	120	150	600	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	84	U	84	150	600	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	150	600	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	150	600	ug/Kg
1912-24-9	Atrazine	250	U	250	290	1200	ug/Kg
87-86-5	Pentachlorophenol	260	U	260	290	1200	ug/Kg
85-01-8	Phenanthrene	100	U	100	150	600	ug/Kg
608-93-5	Pentachlorobenzene	180	U	180	150	600	ug/Kg
120-12-7	Anthracene	88	U	88	150	600	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	180	U	180	150	600	ug/Kg
86-74-8	Carbazole	98	U	98	290	1200	ug/Kg
84-74-2	Di-n-butylphthalate	210	U	210	150	600	ug/Kg
206-44-0	Fluoranthene	190	U	190	290	600	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAZ4	SDG No.:	BP101824
Lab Sample ID:	P4361-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	71.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022468.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170	U	170	150	600	ug/Kg
85-68-7	Butylbenzylphthalate	290	U	290	150	600	ug/Kg
91-94-1	3,3-Dichlorobenzidine	170	U	170	290	1200	ug/Kg
56-55-3	Benzo(a)anthracene	95	U	95	150	600	ug/Kg
218-01-9	Chrysene	110	U	110	150	600	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	340	U	340	150	600	ug/Kg
117-84-0	Di-n-octyl phthalate	270	U	270	290	1200	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	120	150	600	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	U	130	150	600	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	600	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	150	600	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	98	U	98	150	600	ug/Kg
191-24-2	Benzo(g,h,i)perylene	91	U	91	150	600	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	150	600	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.643	*	15-120		8	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	3.713	*	10-130		9	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	4.255		10-150		11	SPK: -40
93951-73-6	2-Chlorophenol-d4	4.087	*	15-120		10	SPK: -40
190780-66-6	4-Methylphenol-d8	2.435	*	10-140		6	SPK: -40
4165-60-0	Nitrobenzene-d5	3.915		10-135		10	SPK: -40
93951-78-1	2-Nitrophenol-d4	4.168		10-120		10	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	3.75	*	10-140		9	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.437		1-145		6	SPK: -40
85448-30-2	Dimethylphthalate-d6	4.765		10-145		12	SPK: -40
93951-97-4	Acenaphthylene-d8	4.348	*	15-120		11	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.286	*	10-150		3	SPK: -40
81103-79-9	Fluorene-d10	4.513	*	20-140		11	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAZ4	SDG No.:	BP101824
Lab Sample ID:	P4361-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	71.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022468.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.171	*	10-130		3	SPK: -40
1719-06-8	Anthracene-d10	4.715		10-150		12	SPK: -40
1718-52-1	Pyrene-d10	4.36		10-130		11	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.036	*	10-140		8	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129501	7.664				
1146-65-2	Naphthalene-d8	524192	10.422				
15067-26-2	Acenaphthene-d10	387062	14.275				
1517-22-2	Phenanthrene-d10	729033	17.075				
1719-03-5	Chrysene-d12	611151	21.504				
1520-96-3	Perylene-d12	820580	24.763				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	84	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAZ5	SDG No.:	BP101824
Lab Sample ID:	P4361-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.2
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
BP022469.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	17.5	180	ug/Kg
100-52-7	Benzaldehyde	120	U	120	220	870	ug/Kg
110-86-1	Pyridine	87	U	87	440	870	ug/Kg
108-95-2	Phenol	110	U	110	220	870	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	110	U	110	220	870	ug/Kg
95-57-8	2-Chlorophenol	61	U	61	110	450	ug/Kg
95-48-7	2-Methylphenol	100	U	100	220	870	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	U	160	220	870	ug/Kg
98-86-2	Acetophenone	200	J	110	220	870	ug/Kg
106-44-5	4-Methylphenol	98	U	98	220	870	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	110	450	ug/Kg
67-72-1	Hexachloroethane	48	U	48	110	450	ug/Kg
98-95-3	Nitrobenzene	82	U	82	110	450	ug/Kg
78-59-1	Isophorone	130	U	130	110	450	ug/Kg
88-75-5	2-Nitrophenol	82	U	82	110	450	ug/Kg
105-67-9	2,4-Dimethylphenol	66	U	66	110	450	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	110	450	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	110	450	ug/Kg
91-20-3	Naphthalene	66	U	66	110	450	ug/Kg
106-47-8	4-Chloroaniline	63	U	63	110	870	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	110	450	ug/Kg
105-60-2	Caprolactam	190	U	190	220	870	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	110	450	ug/Kg
90-12-0	1-Methylnaphthalene	87	U	87	110	450	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	61	110	450	ug/Kg
77-47-4	Hexachlorocyclopentadiene	250	U	250	220	870	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	U	130	110	450	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	110	450	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAZ5	SDG No.:	BP101824
Lab Sample ID:	P4361-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.2
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
BP022469.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	63	U	63	110	450	ug/Kg
91-58-7	2-Chloronaphthalene	69	U	69	110	450	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	110	450	ug/Kg
131-11-3	Dimethylphthalate	77	U	77	110	450	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	110	450	ug/Kg
208-96-8	Acenaphthylene	85	U	85	110	450	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	220	870	ug/Kg
83-32-9	Acenaphthene	77	U	77	110	450	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	220	870	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	220	870	ug/Kg
132-64-9	Dibenzofuran	85	U	85	110	450	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	110	450	ug/Kg
84-66-2	Diethylphthalate	79	U	79	110	450	ug/Kg
86-73-7	Fluorene	66	U	66	110	450	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	110	450	ug/Kg
100-01-6	4-Nitroaniline	82	U	82	220	870	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	220	870	ug/Kg
86-30-6	N-Nitrosodiphenylamine	87	U	87	110	450	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	110	450	ug/Kg
101-55-3	4-Bromophenyl-phenylether	77	U	77	110	450	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	110	450	ug/Kg
1912-24-9	Atrazine	190	U	190	220	870	ug/Kg
87-86-5	Pentachlorophenol	200	U	200	220	870	ug/Kg
85-01-8	Phenanthrene	170	J	77	110	450	ug/Kg
608-93-5	Pentachlorobenzene	140	U	140	110	450	ug/Kg
120-12-7	Anthracene	66	U	66	110	450	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	130	U	130	110	450	ug/Kg
86-74-8	Carbazole	74	U	74	220	870	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	160	110	450	ug/Kg
206-44-0	Fluoranthene	290	J	140	220	450	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAZ5	SDG No.:	BP101824
Lab Sample ID:	P4361-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022469.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170	J	130	110	450	ug/Kg
85-68-7	Butylbenzylphthalate	220	U	220	110	450	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	220	870	ug/Kg
56-55-3	Benzo(a)anthracene	170	J	71	110	450	ug/Kg
218-01-9	Chrysene	260	J	82	110	450	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250	U	250	110	450	ug/Kg
117-84-0	Di-n-octyl phthalate	200	U	200	220	870	ug/Kg
205-99-2	Benzo(b)fluoranthene	230	J	87	110	450	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	110	450	ug/Kg
50-32-8	Benzo(a)pyrene	85	U	85	110	450	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82	U	82	110	450	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	74	U	74	110	450	ug/Kg
191-24-2	Benzo(g,h,i)perylene	69	U	69	110	450	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87	U	87	110	450	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.873	*	15-120		11	SPK: -8
7291-22-7	Pyridine-d5	0.792	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	3.968		10-130		10	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	4.901		10-150		12	SPK: -40
93951-73-6	2-Chlorophenol-d4	4.704	*	15-120		12	SPK: -40
190780-66-6	4-Methylphenol-d8	2.528	*	10-140		6	SPK: -40
4165-60-0	Nitrobenzene-d5	4.609		10-135		12	SPK: -40
93951-78-1	2-Nitrophenol-d4	4.663		10-120		12	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	4.004		10-140		10	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.644		1-145		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	5.086		10-145		13	SPK: -40
93951-97-4	Acenaphthylene-d8	4.904	*	15-120		12	SPK: -40
93951-79-2	4-Nitrophenol-d4	1.216	*	10-150		3	SPK: -40
81103-79-9	Fluorene-d10	5.01	*	20-140		13	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAZ5	SDG No.:	BP101824
Lab Sample ID:	P4361-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	62.2
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
BP022469.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.049	*	10-130		3	SPK: -40
1719-06-8	Anthracene-d10	5.15		10-150		13	SPK: -40
1718-52-1	Pyrene-d10	4.278		10-130		11	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	3.132	*	10-140		8	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118561	7.663				
1146-65-2	Naphthalene-d8	447265	10.422				
15067-26-2	Acenaphthene-d10	325291	14.287				
1517-22-2	Phenanthrene-d10	639503	17.086				
1719-03-5	Chrysene-d12	688985	21.504				
1520-96-3	Perylene-d12	889634	24.762				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	63	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAY3	SDG No.:	BP101824
Lab Sample ID:	P4361-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	66.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022470.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	19.8	200	ug/Kg
100-52-7	Benzaldehyde	140	U	140	250	990	ug/Kg
110-86-1	Pyridine	99	U	99	500	990	ug/Kg
108-95-2	Phenol	130	U	130	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	120	U	120	250	990	ug/Kg
95-57-8	2-Chlorophenol	69	U	69	130	510	ug/Kg
95-48-7	2-Methylphenol	120	U	120	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	180	250	990	ug/Kg
98-86-2	Acetophenone	120	U	120	250	990	ug/Kg
106-44-5	4-Methylphenol	110	U	110	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	U	150	130	510	ug/Kg
67-72-1	Hexachloroethane	54	U	54	130	510	ug/Kg
98-95-3	Nitrobenzene	93	U	93	130	510	ug/Kg
78-59-1	Isophorone	140	U	140	130	510	ug/Kg
88-75-5	2-Nitrophenol	93	U	93	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	75	U	75	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	130	U	130	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	130	510	ug/Kg
91-20-3	Naphthalene	75	U	75	130	510	ug/Kg
106-47-8	4-Chloroaniline	72	U	72	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	130	510	ug/Kg
105-60-2	Caprolactam	220	U	220	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	99	U	99	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	69	U	69	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	130	510	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAY3	SDG No.:	BP101824
Lab Sample ID:	P4361-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	66.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022470.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	72	U	72	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	78	U	78	130	510	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	130	510	ug/Kg
131-11-3	Dimethylphthalate	87	U	87	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	130	510	ug/Kg
208-96-8	Acenaphthylene	96	U	96	130	510	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	250	990	ug/Kg
83-32-9	Acenaphthene	87	U	87	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	250	990	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	250	990	ug/Kg
132-64-9	Dibenzofuran	96	U	96	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	130	510	ug/Kg
84-66-2	Diethylphthalate	90	U	90	130	510	ug/Kg
86-73-7	Fluorene	75	U	75	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	130	510	ug/Kg
100-01-6	4-Nitroaniline	93	U	93	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	230	U	230	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	99	U	99	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	72	U	72	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87	U	87	130	510	ug/Kg
118-74-1	Hexachlorobenzene	96	U	96	130	510	ug/Kg
1912-24-9	Atrazine	210	U	210	250	990	ug/Kg
87-86-5	Pentachlorophenol	220	U	220	250	990	ug/Kg
85-01-8	Phenanthrene	87	U	87	130	510	ug/Kg
608-93-5	Pentachlorobenzene	160	U	160	130	510	ug/Kg
120-12-7	Anthracene	75	U	75	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	150	U	150	130	510	ug/Kg
86-74-8	Carbazole	84	U	84	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	130	510	ug/Kg
206-44-0	Fluoranthene	290	J	160	250	510	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAY3	SDG No.:	BP101824
Lab Sample ID:	P4361-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	66.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022470.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	220	J	150	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	250	U	250	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	81	130	510	ug/Kg
218-01-9	Chrysene	110	J	93	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	J	99	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	96	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	93	U	93	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84	U	84	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	78	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99	U	99	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.203		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	10.61		20-120		27	SPK: -40
4165-62-2	Phenol-d5	12.975		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.303		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.857		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	14.701		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	14.057		10-135		35	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.563		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.82		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.964		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.501		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	15.696		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.277		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	16.062		20-140		40	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAY3	SDG No.:	BP101824
Lab Sample ID:	P4361-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	66.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022470.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.898		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	17.052		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	20.68		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.166		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123879	7.663				
1146-65-2	Naphthalene-d8	493179	10.422				
15067-26-2	Acenaphthene-d10	393017	14.281				
1517-22-2	Phenanthrene-d10	838948	17.081				
1719-03-5	Chrysene-d12	651546	21.504				
1520-96-3	Perylene-d12	816853	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	380	J			15.663	
000057-10-3	n-Hexadecanoic acid	210	J			18.01	
E966796	Total Alkanes	72	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	SLCS183	SDG No.:	BP101824
Lab Sample ID:	PB164183BS	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
BP022471.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	330		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	290	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	850		33	170	330	ug/Kg
108-95-2	Phenol	930		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	920		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	940		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	890		60	82.5	330	ug/Kg
98-86-2	Acetophenone	900		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	930		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	900		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	930		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	910		31	42.5	170	ug/Kg
78-59-1	Isophorone	910		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	990		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	910		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	920		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		16	42.5	170	ug/Kg
91-20-3	Naphthalene	950		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	540		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1000		44	42.5	170	ug/Kg
105-60-2	Caprolactam	760		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	930		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	900		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	940		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	670		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	SLCS183	SDG No.:	BP101824
Lab Sample ID:	PB164183BS	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
BP022471.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	970		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	970		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	890		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	910		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	980		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	930		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	840		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	940		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	720		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	790		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	920		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	890		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	910		30	42.5	170	ug/Kg
86-73-7	Fluorene	900		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	920		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	900		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	870		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1000		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1000		32	42.5	170	ug/Kg
1912-24-9	Atrazine	1000		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	990		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	950		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1100		52	42.5	170	ug/Kg
120-12-7	Anthracene	940		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		50	42.5	170	ug/Kg
86-74-8	Carbazole	870		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	990		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	1000		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	SLCS183	SDG No.:	BP101824
Lab Sample ID:	PB164183BS	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
BP022471.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	970		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	910		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	940		27	42.5	170	ug/Kg
218-01-9	Chrysene	940		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	960		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	970		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	990		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	950		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	970		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	970		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	960		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	940		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.025		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	25.653		20-120		64	SPK: -40
4165-62-2	Phenol-d5	28.047		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.106		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.206		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	28.26		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	29.242		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.82		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.295		10-140		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.641		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.94		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.533		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.861		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	27.468		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	SLCS183	SDG No.:	BP101824
Lab Sample ID:	PB164183BS	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
BP022471.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.85		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	28.389		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	29.783		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.94		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121642	7.663				
1146-65-2	Naphthalene-d8	456495	10.422				
15067-26-2	Acenaphthene-d10	336727	14.275				
1517-22-2	Phenanthrene-d10	703082	17.075				
1719-03-5	Chrysene-d12	673504	21.504				
1520-96-3	Perylene-d12	814563	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAY7	SDG No.:	BP101824
Lab Sample ID:	P4361-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	77.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022472.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	49	U	49	29.5	300	ug/Kg
100-52-7	Benzaldehyde	200	U	200	370	1500	ug/Kg
110-86-1	Pyridine	150	U	150	740	1500	ug/Kg
108-95-2	Phenol	190	U	190	370	1500	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	180	U	180	370	1500	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	190	760	ug/Kg
95-48-7	2-Methylphenol	170	U	170	370	1500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	270	U	270	370	1500	ug/Kg
98-86-2	Acetophenone	180	U	180	370	1500	ug/Kg
106-44-5	4-Methylphenol	170	U	170	370	1500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	230	U	230	190	760	ug/Kg
67-72-1	Hexachloroethane	80	U	80	190	760	ug/Kg
98-95-3	Nitrobenzene	140	U	140	190	760	ug/Kg
78-59-1	Isophorone	210	U	210	190	760	ug/Kg
88-75-5	2-Nitrophenol	140	U	140	190	760	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	190	760	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	190	U	190	190	760	ug/Kg
120-83-2	2,4-Dichlorophenol	72	U	72	190	760	ug/Kg
91-20-3	Naphthalene	470	J	110	190	760	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	190	1500	ug/Kg
87-68-3	Hexachlorobutadiene	200	U	200	190	760	ug/Kg
105-60-2	Caprolactam	320	U	320	370	1500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	220	U	220	190	760	ug/Kg
90-12-0	1-Methylnaphthalene	150	U	150	190	760	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	190	760	ug/Kg
77-47-4	Hexachlorocyclopentadiene	420	U	420	370	1500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	220	U	220	190	760	ug/Kg
95-95-4	2,4,5-Trichlorophenol	170	U	170	190	760	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAY7	SDG No.:	BP101824
Lab Sample ID:	P4361-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	77.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022472.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	110	U	110	190	760	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	190	760	ug/Kg
88-74-4	2-Nitroaniline	180	U	180	190	760	ug/Kg
131-11-3	Dimethylphthalate	130	U	130	190	760	ug/Kg
606-20-2	2,6-Dinitrotoluene	200	U	200	190	760	ug/Kg
208-96-8	Acenaphthylene	140	U	140	190	760	ug/Kg
99-09-2	3-Nitroaniline	200	U	200	370	1500	ug/Kg
83-32-9	Acenaphthene	200	J	130	190	760	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	370	1500	ug/Kg
100-02-7	4-Nitrophenol	200	U	200	370	1500	ug/Kg
132-64-9	Dibenzofuran	140	U	140	190	760	ug/Kg
121-14-2	2,4-Dinitrotoluene	190	U	190	190	760	ug/Kg
84-66-2	Diethylphthalate	130	U	130	190	760	ug/Kg
86-73-7	Fluorene	180	J	110	190	760	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89	U	89	190	760	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	370	1500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	340	U	340	370	1500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	150	U	150	190	760	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	190	760	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	190	760	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	190	760	ug/Kg
1912-24-9	Atrazine	320	U	320	370	1500	ug/Kg
87-86-5	Pentachlorophenol	330	U	330	370	1500	ug/Kg
85-01-8	Phenanthrene	700	J	130	190	760	ug/Kg
608-93-5	Pentachlorobenzene	230	U	230	190	760	ug/Kg
120-12-7	Anthracene	110	U	110	190	760	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	220	U	220	190	760	ug/Kg
86-74-8	Carbazole	130	U	130	370	1500	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	190	760	ug/Kg
206-44-0	Fluoranthene	1400		240	370	760	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAY7	SDG No.:	BP101824
Lab Sample ID:	P4361-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	77.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022472.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		220	190	760	ug/Kg
85-68-7	Butylbenzylphthalate	380	U	380	190	760	ug/Kg
91-94-1	3,3-Dichlorobenzidine	210	U	210	370	1500	ug/Kg
56-55-3	Benzo(a)anthracene	550	J	120	190	760	ug/Kg
218-01-9	Chrysene	430	J	140	190	760	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	430	U	430	190	760	ug/Kg
117-84-0	Di-n-octyl phthalate	340	U	340	370	1500	ug/Kg
205-99-2	Benzo(b)fluoranthene	660	J	150	190	760	ug/Kg
207-08-9	Benzo(k)fluoranthene	250	J	170	190	760	ug/Kg
50-32-8	Benzo(a)pyrene	490	J	140	190	760	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260	J	140	190	760	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	U	130	190	760	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310	J	120	190	760	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	U	150	190	760	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.46		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	13.848		20-120		35	SPK: -40
4165-62-2	Phenol-d5	16.174		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.004		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.922		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	18.512		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	18.355		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.422		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.764		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.485		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.821		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.513		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.655		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	21.077		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAY7	SDG No.:	BP101824
Lab Sample ID:	P4361-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	77.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022472.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.662		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	21.825		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	26.52		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.693		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118808	7.663				
1146-65-2	Naphthalene-d8	471603	10.422				
15067-26-2	Acenaphthene-d10	379124	14.275				
1517-22-2	Phenanthrene-d10	893163	17.081				
1719-03-5	Chrysene-d12	770951	21.504				
1520-96-3	Perylene-d12	843185	24.763				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	590	J			15.657	
000057-10-3	n-Hexadecanoic acid	530	J			18.01	
E966796	Total Alkanes	110	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAY4	SDG No.:	BP101824
Lab Sample ID:	P4361-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	72.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022473.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	39	U	39	23.6	240	ug/Kg
100-52-7	Benzaldehyde	160	U	160	290	1200	ug/Kg
110-86-1	Pyridine	120	U	120	590	1200	ug/Kg
108-95-2	Phenol	150	U	150	290	1200	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	140	U	140	290	1200	ug/Kg
95-57-8	2-Chlorophenol	82	U	82	150	610	ug/Kg
95-48-7	2-Methylphenol	140	U	140	290	1200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	210	U	210	290	1200	ug/Kg
98-86-2	Acetophenone	140	U	140	290	1200	ug/Kg
106-44-5	4-Methylphenol	130	U	130	290	1200	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	180	U	180	150	610	ug/Kg
67-72-1	Hexachloroethane	64	U	64	150	610	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	610	ug/Kg
78-59-1	Isophorone	170	U	170	150	610	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	610	ug/Kg
105-67-9	2,4-Dimethylphenol	89	U	89	150	610	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	150	U	150	150	610	ug/Kg
120-83-2	2,4-Dichlorophenol	57	U	57	150	610	ug/Kg
91-20-3	Naphthalene	89	U	89	150	610	ug/Kg
106-47-8	4-Chloroaniline	86	U	86	150	1200	ug/Kg
87-68-3	Hexachlorobutadiene	160	U	160	150	610	ug/Kg
105-60-2	Caprolactam	260	U	260	290	1200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	180	U	180	150	610	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	150	610	ug/Kg
91-57-6	2-Methylnaphthalene	82	U	82	150	610	ug/Kg
77-47-4	Hexachlorocyclopentadiene	340	U	340	290	1200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	180	U	180	150	610	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	U	140	150	610	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAY4	SDG No.:	BP101824
Lab Sample ID:	P4361-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	72.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022473.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	86	U	86	150	610	ug/Kg
91-58-7	2-Chloronaphthalene	93	U	93	150	610	ug/Kg
88-74-4	2-Nitroaniline	150	U	150	150	610	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	150	610	ug/Kg
606-20-2	2,6-Dinitrotoluene	160	U	160	150	610	ug/Kg
208-96-8	Acenaphthylene	110	U	110	150	610	ug/Kg
99-09-2	3-Nitroaniline	160	U	160	290	1200	ug/Kg
83-32-9	Acenaphthene	100	U	100	150	610	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	290	1200	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	290	1200	ug/Kg
132-64-9	Dibenzofuran	110	U	110	150	610	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	150	610	ug/Kg
84-66-2	Diethylphthalate	110	U	110	150	610	ug/Kg
86-73-7	Fluorene	89	U	89	150	610	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	71	U	71	150	610	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	290	1200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	280	U	280	290	1200	ug/Kg
86-30-6	N-Nitrosodiphenylamine	120	U	120	150	610	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86	U	86	150	610	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	150	610	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	150	610	ug/Kg
1912-24-9	Atrazine	250	U	250	290	1200	ug/Kg
87-86-5	Pentachlorophenol	260	U	260	290	1200	ug/Kg
85-01-8	Phenanthrene	220	J	100	150	610	ug/Kg
608-93-5	Pentachlorobenzene	190	U	190	150	610	ug/Kg
120-12-7	Anthracene	89	U	89	150	610	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	180	U	180	150	610	ug/Kg
86-74-8	Carbazole	100	U	100	290	1200	ug/Kg
84-74-2	Di-n-butylphthalate	220	U	220	150	610	ug/Kg
206-44-0	Fluoranthene	510	J	190	290	610	ug/Kg

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAY4	SDG No.:	BP101824
Lab Sample ID:	P4361-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	72.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022473.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	390	J	180	150	610	ug/Kg
85-68-7	Butylbenzylphthalate	300	U	300	150	610	ug/Kg
91-94-1	3,3-Dichlorobenzidine	170	U	170	290	1200	ug/Kg
56-55-3	Benzo(a)anthracene	270	J	96	150	610	ug/Kg
218-01-9	Chrysene	230	J	110	150	610	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	400	J	340	150	610	ug/Kg
117-84-0	Di-n-octyl phthalate	270	U	270	290	1200	ug/Kg
205-99-2	Benzo(b)fluoranthene	380	J	120	150	610	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	140	150	610	ug/Kg
50-32-8	Benzo(a)pyrene	270	J	110	150	610	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	110	150	610	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	150	610	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	J	93	150	610	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	150	610	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.231		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	11.308		20-120		28	SPK: -40
4165-62-2	Phenol-d5	13.468		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.749		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.43		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	14.509		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	14.897		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.452		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.658		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.96		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.435		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	16.1		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.273		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	15.402		20-140		39	SPK: -40

Report of Analysis

Client:		Date Collected:	10/8/2024 12:00:00 AM
Project:		Date Received:	10/8/2024 12:00:00 AM
Client Sample ID:	EOAY4	SDG No.:	BP101824
Lab Sample ID:	P4361-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	72.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022473.D	1	10/16/2024 12:00:00 AM	10/18/2024 12:00:00 AM	PB164183

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.62		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	17.132		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	17.041		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.35		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	145056	7.664				
1146-65-2	Naphthalene-d8	547324	10.416				
15067-26-2	Acenaphthene-d10	382398	14.275				
1517-22-2	Phenanthrene-d10	716813	17.081				
1719-03-5	Chrysene-d12	726082	21.498				
1520-96-3	Perylene-d12	947917	24.751				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	500	J			15.669	
000057-10-3	n-Hexadecanoic acid	330	J			18.01	
E966796	Total Alkanes	86	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP101824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : EOAW4								
P4346-02	EOAW4	Solid	Benzophenone	*	1,000.000	J		
P4346-02	EOAW4	Solid	n-Hexadecanoic acid	*	280.000	J		
P4346-02	EOAW4	Solid	Total Alkanes	*	0.000	54	380	ug/Kg
Total Tics :				1,280.00				
P4346-02	EOAW4	Solid	Benzo(a)anthracene		140.000	J 61	380	ug/Kg
P4346-02	EOAW4	Solid	Benzo(a)pyrene		130.000	J 72	380	ug/Kg
P4346-02	EOAW4	Solid	Benzo(b)fluoranthene		160.000	J 74	380	ug/Kg
P4346-02	EOAW4	Solid	Benzo(g,h,i)perylene		93.000	J 59	380	ug/Kg
P4346-02	EOAW4	Solid	Chrysene		240.000	J 70	380	ug/Kg
P4346-02	EOAW4	Solid	Fluoranthene		250.000	J 120	380	ug/Kg
P4346-02	EOAW4	Solid	Phenanthrene		120.000	J 65	380	ug/Kg
P4346-02	EOAW4	Solid	Pyrene		200.000	J 110	380	ug/Kg
Total Svoc :				1,333.00				
Total Concentration:				2,613.00				
Client ID : EOAW5								
P4346-03	EOAW5	Solid	Benzophenone	*	1,100.000	J		
P4346-03	EOAW5	Solid	n-Hexadecanoic acid	*	460.000	J		
P4346-03	EOAW5	Solid	Total Alkanes	*	0.000	68	480	ug/Kg
Total Tics :				1,560.00				
P4346-03	EOAW5	Solid	Benzo(a)anthracene		180.000	J 76	480	ug/Kg
P4346-03	EOAW5	Solid	Benzo(a)pyrene		190.000	J 90	480	ug/Kg
P4346-03	EOAW5	Solid	Benzo(b)fluoranthene		250.000	J 93	480	ug/Kg
P4346-03	EOAW5	Solid	Benzo(g,h,i)perylene		140.000	J 73	480	ug/Kg
P4346-03	EOAW5	Solid	Benzo(k)fluoranthene		110.000	J 110	480	ug/Kg
P4346-03	EOAW5	Solid	Chrysene		230.000	J 88	480	ug/Kg
P4346-03	EOAW5	Solid	Fluoranthene		390.000	J 150	480	ug/Kg
P4346-03	EOAW5	Solid	Indeno(1,2,3-cd)pyrene		110.000	J 88	480	ug/Kg
P4346-03	EOAW5	Solid	Phenanthrene		180.000	J 82	480	ug/Kg
P4346-03	EOAW5	Solid	Pyrene		330.000	J 140	480	ug/Kg
Total Svoc :				2,110.00				
Total Concentration:				3,670.00				
Client ID : EOAW6								
P4346-04	EOAW6	Solid	Benzophenone	*	530.000	J		
P4346-04	EOAW6	Solid	n-Hexadecanoic acid	*	410.000	J		
P4346-04	EOAW6	Solid	Total Alkanes	*	0.000	73	520	ug/Kg
Total Tics :				940.00				
P4346-04	EOAW6	Solid	Benzo(a)anthracene		220.000	J 82	520	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP101824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P4346-04	EOAW6	Solid	Benzo(a)pyrene	220.000	J	98	520	ug/Kg	
P4346-04	EOAW6	Solid	Benzo(b)fluoranthene	280.000	J	100	520	ug/Kg	
P4346-04	EOAW6	Solid	Benzo(g,h,i)perylene	160.000	J	79	520	ug/Kg	
P4346-04	EOAW6	Solid	Chrysene	240.000	J	94	520	ug/Kg	
P4346-04	EOAW6	Solid	Fluoranthene	470.000	J	160	520	ug/Kg	
P4346-04	EOAW6	Solid	Indeno(1,2,3-cd)pyrene	120.000	J	94	520	ug/Kg	
P4346-04	EOAW6	Solid	Phenanthrene	260.000	J	88	520	ug/Kg	
P4346-04	EOAW6	Solid	Pyrene	380.000	J	150	520	ug/Kg	
Total Svoc :				2,350.00					
Total Concentration:				3,290.00					
Client ID : EOAW7									
P4346-05	EOAW7	Solid	Benzophenone	*	530.000	J			
P4346-05	EOAW7	Solid	n-Hexadecanoic acid	*	370.000	J			
P4346-05	EOAW7	Solid	Total Alkanes	*	0.000	67	470	ug/Kg	
Total Tics :				900.00					
P4346-05	EOAW7	Solid	Benzo(b)fluoranthene		130.000	J	92	470	ug/Kg
P4346-05	EOAW7	Solid	Fluoranthene		160.000	J	150	470	ug/Kg
Total Svoc :				290.00					
Total Concentration:				1,190.00					
Client ID : EOAW8									
P4346-06	EOAW8	Solid	Benzophenone	*	360.000	J			
P4346-06	EOAW8	Solid	n-Hexadecanoic acid	*	290.000	J			
P4346-06	EOAW8	Solid	Total Alkanes	*	0.000	66	470	ug/Kg	
Total Tics :				650.00					
P4346-06	EOAW8	Solid	Benzo(a)anthracene		130.000	J	75	470	ug/Kg
P4346-06	EOAW8	Solid	Benzo(a)pyrene		110.000	J	89	470	ug/Kg
P4346-06	EOAW8	Solid	Benzo(b)fluoranthene		170.000	J	91	470	ug/Kg
P4346-06	EOAW8	Solid	Chrysene		140.000	J	86	470	ug/Kg
P4346-06	EOAW8	Solid	Fluoranthene		390.000	J	150	470	ug/Kg
P4346-06	EOAW8	Solid	Phenanthrene		230.000	J	80	470	ug/Kg
P4346-06	EOAW8	Solid	Pyrene		290.000	J	140	470	ug/Kg
Total Svoc :				1,460.00					
Total Concentration:				2,110.00					
Client ID : EOAW9									
P4346-07	EOAW9	Solid	Benzophenone	*	470.000	J			
P4346-07	EOAW9	Solid	n-Hexadecanoic acid	*	450.000	J			
P4346-07	EOAW9	Solid	Total Alkanes	*	0.000	69	490	ug/Kg	
Total Tics :				920.00					
P4346-07	EOAW9	Solid	Anthracene		110.000	J	71	490	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP101824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4346-07	EOAW9	Solid	Benzo(a)anthracene	360.000	J	77	490	ug/Kg
P4346-07	EOAW9	Solid	Benzo(a)pyrene	360.000	J	91	490	ug/Kg
P4346-07	EOAW9	Solid	Benzo(b)fluoranthene	470.000	J	94	490	ug/Kg
P4346-07	EOAW9	Solid	Benzo(g,h,i)perylene	260.000	J	74	490	ug/Kg
P4346-07	EOAW9	Solid	Benzo(k)fluoranthene	180.000	J	110	490	ug/Kg
P4346-07	EOAW9	Solid	Chrysene	410.000	J	89	490	ug/Kg
P4346-07	EOAW9	Solid	Fluoranthene	810.000		150	490	ug/Kg
P4346-07	EOAW9	Solid	Indeno(1,2,3-cd)pyrene	200.000	J	89	490	ug/Kg
P4346-07	EOAW9	Solid	Phenanthrene	450.000	J	83	490	ug/Kg
P4346-07	EOAW9	Solid	Pyrene	610.000		140	490	ug/Kg

Total Svoc : 4,220.00

Total Concentration: 5,140.00

Client ID : EOAX8

P4346-18	EOAX8	Solid	Benzophenone	*	1,400.000	J		
P4346-18	EOAX8	Solid	n-Hexadecanoic acid	*	300.000	J		
P4346-18	EOAX8	Solid	Total Alkanes	*	0.000		91	650 ug/Kg

Total Tics : 1,700.00

Total Concentration: 1,700.00

Client ID : EOAY0

P4346-20	EOAY0	Solid	Benzophenone	*	510.000	J		
P4346-20	EOAY0	Solid	n-Hexadecanoic acid	*	240.000	J		
P4346-20	EOAY0	Solid	Total Alkanes	*	0.000		78	550 ug/Kg

Total Tics : 750.00

P4346-20	EOAY0	Solid	Benzo(a)anthracene		250.000	J	87	550 ug/Kg
P4346-20	EOAY0	Solid	Benzo(a)pyrene		260.000	J	100	550 ug/Kg
P4346-20	EOAY0	Solid	Benzo(b)fluoranthene		350.000	J	110	550 ug/Kg
P4346-20	EOAY0	Solid	Benzo(g,h,i)perylene		190.000	J	84	550 ug/Kg
P4346-20	EOAY0	Solid	Benzo(k)fluoranthene		120.000	J	120	550 ug/Kg
P4346-20	EOAY0	Solid	Chrysene		190.000	J	100	550 ug/Kg
P4346-20	EOAY0	Solid	Fluoranthene		560.000		170	550 ug/Kg
P4346-20	EOAY0	Solid	Indeno(1,2,3-cd)pyrene		160.000	J	100	550 ug/Kg
P4346-20	EOAY0	Solid	Phenanthrene		180.000	J	94	550 ug/Kg
P4346-20	EOAY0	Solid	Pyrene		400.000	J	160	550 ug/Kg

Total Svoc : 2,660.00

Total Concentration: 3,410.00

Client ID : EOAY3

P4361-02	EOAY3	Solid	Benzophenone	*	380.000	J		
P4361-02	EOAY3	Solid	n-Hexadecanoic acid	*	210.000	J		
P4361-02	EOAY3	Solid	Total Alkanes	*	0.000		72	510 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP101824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	590.00				
P4361-02	EOAY3	Solid	Benzo(a)anthracene	110.000	J	81	510	ug/Kg
P4361-02	EOAY3	Solid	Benzo(a)pyrene	130.000	J	96	510	ug/Kg
P4361-02	EOAY3	Solid	Benzo(b)fluoranthene	180.000	J	99	510	ug/Kg
P4361-02	EOAY3	Solid	Benzo(g,h,i)perylene	100.000	J	78	510	ug/Kg
P4361-02	EOAY3	Solid	Chrysene	110.000	J	93	510	ug/Kg
P4361-02	EOAY3	Solid	Fluoranthene	290.000	J	160	510	ug/Kg
P4361-02	EOAY3	Solid	Pyrene	220.000	J	150	510	ug/Kg
			Total Svoc :	1,140.00				
			Total Concentration:	1,730.00				
Client ID : EOAY4								
P4361-03	EOAY4	Solid	Benzophenone	*	500.000	J		
P4361-03	EOAY4	Solid	n-Hexadecanoic acid	*	330.000	J		
P4361-03	EOAY4	Solid	Total Alkanes	*	0.000	86	610	ug/Kg
			Total Tics :	830.00				
P4361-03	EOAY4	Solid	Benzo(a)anthracene	270.000	J	96	610	ug/Kg
P4361-03	EOAY4	Solid	Benzo(a)pyrene	270.000	J	110	610	ug/Kg
P4361-03	EOAY4	Solid	Benzo(b)fluoranthene	380.000	J	120	610	ug/Kg
P4361-03	EOAY4	Solid	Benzo(g,h,i)perylene	180.000	J	93	610	ug/Kg
P4361-03	EOAY4	Solid	Benzo(k)fluoranthene	140.000	J	140	610	ug/Kg
P4361-03	EOAY4	Solid	Bis(2-ethylhexyl)phthalate	400.000	J	340	610	ug/Kg
P4361-03	EOAY4	Solid	Chrysene	230.000	J	110	610	ug/Kg
P4361-03	EOAY4	Solid	Fluoranthene	510.000	J	190	610	ug/Kg
P4361-03	EOAY4	Solid	Indeno(1,2,3-cd)pyrene	160.000	J	110	610	ug/Kg
P4361-03	EOAY4	Solid	Phenanthrene	220.000	J	100	610	ug/Kg
P4361-03	EOAY4	Solid	Pyrene	390.000	J	180	610	ug/Kg
			Total Svoc :	3,150.00				
			Total Concentration:	3,980.00				
Client ID : EOAY6								
P4361-04	EOAY6	Solid	Benzophenone	*	570.000	J		
P4361-04	EOAY6	Solid	Total Alkanes	*	0.000	100	730	ug/Kg
			Total Tics :	570.00				
P4361-04	EOAY6	Solid	Benzo(a)anthracene	200.000	J	120	730	ug/Kg
P4361-04	EOAY6	Solid	Benzo(a)pyrene	200.000	J	140	730	ug/Kg
P4361-04	EOAY6	Solid	Benzo(b)fluoranthene	280.000	J	140	730	ug/Kg
P4361-04	EOAY6	Solid	Chrysene	160.000	J	130	730	ug/Kg
P4361-04	EOAY6	Solid	Fluoranthene	390.000	J	230	730	ug/Kg
P4361-04	EOAY6	Solid	Phenanthrene	200.000	J	130	730	ug/Kg
P4361-04	EOAY6	Solid	Pyrene	280.000	J	210	730	ug/Kg
			Total Svoc :	1,710.00				

Hit Summary Sheet SW-846

SDG No.: BP101824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				2,280.00				
Client ID :	EOAY7							
P4361-05	EOAY7	Solid	Benzophenone	*	590.000	J		
P4361-05	EOAY7	Solid	n-Hexadecanoic acid	*	530.000	J		
P4361-05	EOAY7	Solid	Total Alkanes	*	0.000	110	760	ug/Kg
Total Tics :				1,120.00				
P4361-05	EOAY7	Solid	Acenaphthene		200.000	J 130	760	ug/Kg
P4361-05	EOAY7	Solid	Benzo(a)anthracene		550.000	J 120	760	ug/Kg
P4361-05	EOAY7	Solid	Benzo(a)pyrene		490.000	J 140	760	ug/Kg
P4361-05	EOAY7	Solid	Benzo(b)fluoranthene		660.000	J 150	760	ug/Kg
P4361-05	EOAY7	Solid	Benzo(g,h,i)perylene		310.000	J 120	760	ug/Kg
P4361-05	EOAY7	Solid	Benzo(k)fluoranthene		250.000	J 170	760	ug/Kg
P4361-05	EOAY7	Solid	Chrysene		430.000	J 140	760	ug/Kg
P4361-05	EOAY7	Solid	Fluoranthene		1,400.000	240	760	ug/Kg
P4361-05	EOAY7	Solid	Fluorene		180.000	J 110	760	ug/Kg
P4361-05	EOAY7	Solid	Indeno(1,2,3-cd)pyrene		260.000	J 140	760	ug/Kg
P4361-05	EOAY7	Solid	Naphthalene		470.000	J 110	760	ug/Kg
P4361-05	EOAY7	Solid	Phenanthrene		700.000	J 130	760	ug/Kg
P4361-05	EOAY7	Solid	Pyrene		1,000.000	220	760	ug/Kg
Total Svoc :				6,900.00				
Total Concentration:				8,020.00				
Client ID :	EOAZ2							
P4361-11	EOAZ2	Solid	Benzophenone	*	450.000	J		
P4361-11	EOAZ2	Solid	n-Hexadecanoic acid	*	260.000	J		
P4361-11	EOAZ2	Solid	Total Alkanes	*	0.000	74	520	ug/Kg
Total Tics :				710.00				
P4361-11	EOAZ2	Solid	Benzo(a)pyrene		110.000	J 98	520	ug/Kg
P4361-11	EOAZ2	Solid	Benzo(b)fluoranthene		150.000	J 100	520	ug/Kg
P4361-11	EOAZ2	Solid	Chrysene		110.000	J 95	520	ug/Kg
P4361-11	EOAZ2	Solid	Fluoranthene		190.000	J 170	520	ug/Kg
P4361-11	EOAZ2	Solid	Pyrene		160.000	J 150	520	ug/Kg
Total Svoc :				720.00				
Total Concentration:				1,430.00				
Client ID :	EOAZ4							
P4361-13	EOAZ4	Solid	Total Alkanes	*	0.000	84	600	ug/Kg
Total Tics :				0.00				
P4361-13	EOAZ4	Solid	Acetophenone		240.000	J 140	1200	ug/Kg
P4361-13	EOAZ4	Solid	Benzo(b)fluoranthene		130.000	J 120	600	ug/Kg
Total Svoc :				370.00				

Hit Summary Sheet
SW-846

SDG No.: BP101824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				370.00				
Client ID :	EOAZ5							
P4361-14	EOAZ5	Solid	Total Alkanes	*	0.000	63	450	ug/Kg
Total Tics :				0.00				
P4361-14	EOAZ5	Solid	Acetophenone	200.000	J	110	870	ug/Kg
P4361-14	EOAZ5	Solid	Benzo(a)anthracene	170.000	J	71	450	ug/Kg
P4361-14	EOAZ5	Solid	Benzo(b)fluoranthene	230.000	J	87	450	ug/Kg
P4361-14	EOAZ5	Solid	Chrysene	260.000	J	82	450	ug/Kg
P4361-14	EOAZ5	Solid	Fluoranthene	290.000	J	140	450	ug/Kg
P4361-14	EOAZ5	Solid	Phenanthrene	170.000	J	77	450	ug/Kg
P4361-14	EOAZ5	Solid	Pyrene	170.000	J	130	450	ug/Kg
Total Svoc :				1,490.00				
Total Concentration:				1,490.00				

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
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.: BP101824 SAS No.: BP101824 SDG NO.: BP101824

EPA Sample No.: SSTD020623 Date Analyzed: Oct 18 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 10:46

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	SBLK170	121495	7.66	494334	10.42	431187	14.28
02	EOAW4	113081	7.66	445315	10.42	330847	14.27
03	EOAW5	128652	7.66	468775	10.42	325353	14.29
04	EOAW6	116382	7.66	424762	10.42	310694	14.28
05	EOAW7	124355	7.66	444852	10.42	318407	14.28
06	EOAW8	132648	7.66	519011	10.43	406256	14.28
07	EOAW9	138697	7.66	510949	10.42	345839	14.28
08	SBLK170	170932 *	7.65	649145 *	10.42	469601	14.27
09	EOAX8	127023	7.66	515979	10.42	417514	14.28
10	EOAY0	144234	7.67	577273	10.42	452087	14.28
11	EOAZ0MSD	115580	7.66	426556	10.42	296901	14.28
12	EOAZ2	109739	7.66	437954	10.42	310763	14.28
13	EOAY6	119204	7.66	462839	10.42	330238	14.28
14	EOAZ4	129501	7.66	524192	10.42	387062	14.28
15	EOAZ5	118561	7.66	447265	10.42	325291	14.29
16	EOAY3	123879	7.66	493179	10.42	393017	14.28
17	SLCS183	121642	7.66	456495	10.42	336727	14.28
18	EOAY7	118808	7.66	471603	10.42	379124	14.28
19	EOAY4	145056	7.66	547324	10.42	382398	14.28

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP101824 SAS No.: BP101824 SDG NO.: BP101824

EPA Sample No.: SSTD020623 Date Analyzed: Oct 18 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 23:38

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.: BP101824 SAS No.: BP101824 SDG NO.: BP101824

EPA Sample No.: SSTD020662 Date Analyzed: Oct 18 2024 12:00AM

Lab File ID: BP022453.D Time Analyzed: 10:46

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	121094	7.657	551714	10.42	387926	14.27
UPPER LIMIT	242188	8.157	1103428	10.916	775852	14.774
LOWER LIMIT	60547	7.157	275857	9.916	193963	13.774
EPA SAMPLE NO.						
01 SBLK170	121495	7.66	494334	10.42	431187	14.28
02 EOAW4	113081	7.66	445315	10.42	330847	14.27
03 EOAW5	128652	7.66	468775	10.42	325353	14.29
04 EOAW6	116382	7.66	424762	10.42	310694	14.28
05 EOAW7	124355	7.66	444852	10.42	318407	14.28
06 EOAW8	132648	7.66	519011	10.43	406256	14.28
07 EOAW9	138697	7.66	510949	10.42	345839	14.28

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.: BP101824 SAS No.: BP101824 SDG NO.: BP101824

EPA Sample No.: SSTD020663 Date Analyzed: Oct 18 2024 12:00AM

Lab File ID: BP022461.D Time Analyzed: 16:12

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	133650	7.669	551073	10.42	468216	14.28
UPPER LIMIT	267300	8.169	1102146	10.922	936432	14.781
LOWER LIMIT	66825	7.169	275536.5	9.922	234108	13.781
EPA SAMPLE NO.						
01 SBLK170	170932	7.65	649145	10.42	469601	14.27
02 EOAX8	127023	7.66	515979	10.42	417514	14.28
03 EOAY0	144234	7.67	577273	10.42	452087	14.28
04 EOAZ0MSD	115580	7.66	426556	10.42	296901	14.28
05 EOAZ2	109739	7.66	437954	10.42	310763	14.28
06 EOAY6	119204	7.66	462839	10.42	330238	14.28
07 EOAZ4	129501	7.66	524192	10.42	387062	14.28
08 EOAZ5	118561	7.66	447265	10.42	325291	14.29
09 EOAY3	123879	7.66	493179	10.42	393017	14.28
10 SLCS183	121642	7.66	456495	10.42	336727	14.28
11 EOAY7	118808	7.66	471603	10.42	379124	14.28
12 EOAY4	145056	7.66	547324	10.42	382398	14.28

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.: BP101824 SAS No.: BP101824 SDG NO.: BP101824

EPA Sample No.: SSTD020623 Date Analyzed: Oct 18 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 10:46

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	SBLK170	1.10909	17.07	1.22337e+	21.51	1.23569e+	24.77
02	EOAW4	689448	17.08	633297	21.51	841017	24.77
03	EOAW5	696410	17.09	768151	21.51	972593	24.77
04	EOAW6	612954	17.08	586933	21.50	780917	24.76
05	EOAW7	679963	17.09	770181	21.52	961422	24.79
06	EOAW8	919736	17.08	739797	21.52	844144	24.78
07	EOAW9	690860	17.08	712998	21.50	932189	24.77
08	SBLK170	938268	17.07	882931	21.50	1.09331e+	24.76
09	EOAX8	949376	17.09	742653	21.52	844128	24.78
10	EOAY0	966144	17.08	693012	21.51	897137	24.77
11	EOAZ0MSD	657274	17.07	737810	21.50	889693	24.76
12	EOAZ2	586710	17.09	557521	21.52	758568	24.78
13	EOAY6	674980	17.07	709822	21.50	903931	24.77
14	EOAZ4	729033	17.08	611151	21.50	820580	24.76
15	EOAZ5	639503	17.09	688985	21.50	889634	24.76
16	EOAY3	838948	17.08	651546	21.50	816853	24.77
17	SLCS183	703082	17.08	673504	21.50	814563	24.76
18	EOAY7	893163	17.08	770951	21.50	843185	24.76
19	EOAY4	716813	17.08	726082	21.50	947917	24.75

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP101824 SAS No.: BP101824 SDG NO.: BP101824

EPA Sample No.: SSTD020623 Date Analyzed: Oct 18 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 23:38

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.: BP101824 SAS No.: BP101824 SDG NO.: BP101824

EPA Sample No.: SSTD020662 Date Analyzed: Oct 18 2024 12:00AM

Lab File ID: BP022453.D Time Analyzed: 10:46

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	858222	17.08	649979	21.498	782398	24.75
UPPER LIMIT	1716444	17.58	1299958	21.998	1564796	25.25
LOWER LIMIT	429111	16.58	324989.5	20.998	391199	24.25
EPA SAMPLE NO.						
01 SBLK170	1.10909	17.07	1.22337e+	21.51	1.23569e+	24.77
02 EOAW4	689448	17.08	633297	21.51	841017	24.77
03 EOAW5	696410	17.09	768151	21.51	972593	24.77
04 EOAW6	612954	17.08	586933	21.50	780917	24.76
05 EOAW7	679963	17.09	770181	21.52	961422	24.79
06 EOAW8	919736	17.08	739797	21.52	844144	24.78
07 EOAW9	690860	17.08	712998	21.50	932189	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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP101824 SAS No.: BP101824 SDG NO.: BP101824

EPA Sample No.: SSTD020663 Date Analyzed: Oct 18 2024 12:00AM

Lab File ID: BP022461.D Time Analyzed: 16:12

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	1.16291e+01	17.069	1.16096e+01	21.504	1.15642e+01	24.769
UPPER LIMIT	2325820	17.569	2321920	22.004	2312840	25.269
LOWER LIMIT	581455	16.569	580480	21.004	578210	24.269
EPA SAMPLE NO.						
01 SBLK170	938268	17.07	882931	21.50	1.09331e+01	24.76
02 EOAX8	949376	17.09	742653	21.52	844128	24.78
03 EOAY0	966144	17.08	693012	21.51	897137	24.77
04 EOAZ0MSD	657274	17.07	737810	21.50	889693	24.76
05 EOAZ2	586710	17.09	557521 *	21.52	758568	24.78
06 EOAY6	674980	17.07	709822	21.50	903931	24.77
07 EOAZ4	729033	17.08	611151	21.50	820580	24.76
08 EOAZ5	639503	17.09	688985	21.50	889634	24.76
09 EOAY3	838948	17.08	651546	21.50	816853	24.77
10 SLCS183	703082	17.08	673504	21.50	814563	24.76
11 EOAY7	893163	17.08	770951	21.50	843185	24.76
12 EOAY4	716813	17.08	726082	21.50	947917	24.75

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP101824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164183BS	1,4-Dioxane	530	330	ug/Kg	62				0	0	
	Benzaldehyde	1300	290	ug/Kg	22				0	0	
	Pyridine	1300	850	ug/Kg	65				0	0	
	Phenol	1300	930	ug/Kg	72				0	0	
	Bis(2-chloroethyl)ether	1300	920	ug/Kg	71				0	0	
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0	
	2-Methylphenol	1300	940	ug/Kg	72				0	0	
	2,2-oxybis(1-Chloropropane)	1300	890	ug/Kg	68				0	0	
	Acetophenone	1300	900	ug/Kg	69				0	0	
	4-Methylphenol	1300	930	ug/Kg	72				0	0	
	N-Nitroso-di-n-propylamine	1300	900	ug/Kg	69				0	0	
	Hexachloroethane	1300	930	ug/Kg	72				0	0	
	Nitrobenzene	1300	910	ug/Kg	70				0	0	
	Isophorone	1300	910	ug/Kg	70				0	0	
	2-Nitrophenol	1300	990	ug/Kg	76				0	0	
	2,4-Dimethylphenol	1300	910	ug/Kg	70				0	0	
	Bis(2-chloroethoxy)methane	1300	920	ug/Kg	71				0	0	
	2,4-Dichlorophenol	1300	1000	ug/Kg	77				0	0	
	Naphthalene	1300	950	ug/Kg	73				0	0	
	4-Chloroaniline	1300	540	ug/Kg	42				0	0	
	Hexachlorobutadiene	1300	1000	ug/Kg	77				0	0	
	Caprolactam	1300	760	ug/Kg	58				0	0	
	4-Chloro-3-methylphenol	1300	930	ug/Kg	72				0	0	
	1-Methylnaphthalene	1300	900	ug/Kg	69				0	0	
	2-Methylnaphthalene	1300	940	ug/Kg	72				0	0	
	Hexachlorocyclopentadiene	1300	670	ug/Kg	52				0	0	
	2,4,6-Trichlorophenol	1300	1000	ug/Kg	77				0	0	
	2,4,5-Trichlorophenol	1300	1000	ug/Kg	77				0	0	
	1,1'-Biphenyl	1300	970	ug/Kg	75				0	0	
	2-Chloronaphthalene	1300	970	ug/Kg	75				0	0	
	2-Nitroaniline	1300	890	ug/Kg	68				0	0	
	Dimethylphthalate	1300	910	ug/Kg	70				0	0	
	2,6-Dinitrotoluene	1300	980	ug/Kg	75				0	0	
	Acenaphthylene	1300	930	ug/Kg	72				0	0	
	3-Nitroaniline	1300	840	ug/Kg	65				0	0	
	Acenaphthene	1300	940	ug/Kg	72				0	0	
	2,4-Dinitrophenol	1300	720	ug/Kg	55				0	0	
	4-Nitrophenol	1300	790	ug/Kg	61				0	0	
	Dibenzofuran	1300	920	ug/Kg	71				0	0	
	2,4-Dinitrotoluene	1300	890	ug/Kg	68				0	0	
	Diethylphthalate	1300	910	ug/Kg	70				0	0	
	Fluorene	1300	900	ug/Kg	69				0	0	
	4-Chlorophenyl-phenylether	1300	920	ug/Kg	71				0	0	
	4-Nitroaniline	1300	900	ug/Kg	69				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP101824

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164183BS	4,6-Dinitro-2-methylphenol	1300	870	ug/Kg	67				0	0		
	N-Nitrosodiphenylamine	1300	1000	ug/Kg	77				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1000	ug/Kg	77				0	0		
	4-Bromophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	Hexachlorobenzene	1300	1000	ug/Kg	77				0	0		
	Atrazine	1300	1000	ug/Kg	77				0	0		
	Pentachlorophenol	1300	990	ug/Kg	76				0	0		
	Phenanthrene	1300	950	ug/Kg	73				0	0		
	Pentachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Anthracene	1300	940	ug/Kg	72				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Carbazole	1300	870	ug/Kg	67				0	0		
	Di-n-butylphthalate	1300	990	ug/Kg	76				0	0		
	Fluoranthene	1300	1000	ug/Kg	77				0	0		
	Pyrene	1300	970	ug/Kg	75				0	0		
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0		
	3,3'-Dichlorobenzidine	1300	910	ug/Kg	70				0	0		
	Benzo(a)anthracene	1300	940	ug/Kg	72				0	0		
	Chrysene	1300	940	ug/Kg	72				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1000	ug/Kg	77				0	0		
	Di-n-octylphthalate	1300	960	ug/Kg	74				0	0		
	Benzo(b)fluoranthene	1300	970	ug/Kg	75				0	0		
	Benzo(k)fluoranthene	1300	990	ug/Kg	76				0	0		
	Benzo(a)pyrene	1300	950	ug/Kg	73				0	0		
	Indeno(1,2,3-cd)pyrene	1300	970	ug/Kg	75				0	0		
	Dibenzo(a,h)anthracene	1300	970	ug/Kg	75				0	0		
	Benzo(g,h,i)perylene	1300	960	ug/Kg	74				0	0		
	2,3,4,6-Tetrachlorophenol	1300	940	ug/Kg	72				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK170

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP101824

SAS No.: BP101824 SDG NO.: BP101824

Lab File ID: BP022462.D

Lab Sample ID: PB164170BL

Instrument ID: BNA_P

Date Extracted: 10/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/18/2024

Level: (low/med) LOW

Time Analyzed: 16:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EOAW4	P4346-02	BP022455.D	10/18/2024
EOAW5	P4346-03	BP022456.D	10/18/2024
EOAW6	P4346-04	BP022457.D	10/18/2024
EOAW7	P4346-05	BP022458.D	10/18/2024
EOAW8	P4346-06	BP022459.D	10/18/2024
EOAW9	P4346-07	BP022460.D	10/18/2024
EOAX8	P4346-18	BP022463.D	10/18/2024
EOAY0	P4346-20	BP022464.D	10/18/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

EOAZ0MSD

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP101824

SAS No.: BP101824 SDG NO.: BP101824

Lab File ID: BP022465.D

Lab Sample ID: P4361-10MSD

Instrument ID: BNA_P

Date Extracted: 10/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/18/2024

Level: (low/med) LOW

Time Analyzed: 18:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EOAZ0MSD	P4361-10MSD	BP022465.D	10/18/2024
EOAZ2	P4361-11	BP022466.D	10/18/2024
EOAY6	P4361-04	BP022467.D	10/18/2024
EOAZ4	P4361-13	BP022468.D	10/18/2024
EOAZ5	P4361-14	BP022469.D	10/18/2024
EOAY3	P4361-02	BP022470.D	10/18/2024
PB164183BS	PB164183BS	BP022471.D	10/18/2024
EOAY7	P4361-05	BP022472.D	10/18/2024
EOAY4	P4361-03	BP022473.D	10/18/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP101824

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4361-10MSD	Client Sample ID:	EOAZ0MSD				DataFile:	BP022465.D			
1,4-Dioxane	1900		1300	ug/Kg	68				15	120	50
Benzaldehyde	4700		1100	ug/Kg	23				0	0	0
Pyridine	4700		3100	ug/Kg	66				0	0	0
Phenol	4700		3500	ug/Kg	74				26	90	35
Bis(2-chloroethyl)ether	4700		3500	ug/Kg	74				0	0	0
2-Chlorophenol	4700		3700	ug/Kg	79				25	102	50
2-Methylphenol	4700		3500	ug/Kg	74				0	0	0
2,2-oxybis(1-Chloropropane)	4700		3400	ug/Kg	72				0	0	0
Acetophenone	4700		3300	ug/Kg	70				0	0	0
4-Methylphenol	4700		3400	ug/Kg	72				0	0	0
N-Nitroso-di-n-propylamine	4700		3400	ug/Kg	72				41	126	38
Hexachloroethane	4700		3700	ug/Kg	79				0	0	0
Nitrobenzene	4700		3500	ug/Kg	74				0	0	0
Isophorone	4700		3500	ug/Kg	74				0	0	0
2-Nitrophenol	4700		3900	ug/Kg	83				0	0	0
2,4-Dimethylphenol	4700		3500	ug/Kg	74				0	0	0
Bis(2-chloroethoxy)methane	4700		3600	ug/Kg	77				0	0	0
2,4-Dichlorophenol	4700		3800	ug/Kg	81				0	0	0
Naphthalene	4700		3700	ug/Kg	79				0	0	0
4-Chloroaniline	4700		2100	ug/Kg	45				0	0	0
Hexachlorobutadiene	4700		3900	ug/Kg	83				0	0	0
Caprolactam	4700		3000	ug/Kg	64				0	0	0
4-Chloro-3-methylphenol	4700		3500	ug/Kg	74				26	103	33
1-Methylnaphthalene	4700		3500	ug/Kg	74				0	0	0
2-Methylnaphthalene	4700		3600	ug/Kg	77				0	0	0
Hexachlorocyclopentadiene	4700		2600	ug/Kg	55				0	0	0
2,4,6-Trichlorophenol	4700		4000	ug/Kg	85				0	0	0
2,4,5-Trichlorophenol	4700		3900	ug/Kg	83				0	0	0
1,1'-Biphenyl	4700		3900	ug/Kg	83				0	0	0
2-Chloronaphthalene	4700		3900	ug/Kg	83				0	0	0
2-Nitroaniline	4700		3500	ug/Kg	74				0	0	0
Dimethylphthalate	4700		3600	ug/Kg	77				0	0	0
2,6-Dinitrotoluene	4700		3800	ug/Kg	81				0	0	0
Acenaphthylene	4700		3700	ug/Kg	79				0	0	0
3-Nitroaniline	4700		3400	ug/Kg	72				0	0	0
Acenaphthene	4700		3700	ug/Kg	79				31	137	19
2,4-Dinitrophenol	4700		3100	ug/Kg	66				0	0	0
4-Nitrophenol	4700		3400	ug/Kg	72				11	114	50
Dibenzofuran	4700		3700	ug/Kg	79				0	0	0
2,4-Dinitrotoluene	4700		3600	ug/Kg	77				28	89	47
Diethylphthalate	4700		3600	ug/Kg	77				0	0	0
Fluorene	4700		3600	ug/Kg	77				0	0	0
4-Chlorophenyl-phenylether	4700		3700	ug/Kg	79				0	0	0
4-Nitroaniline	4700		3800	ug/Kg	81				0	0	0
4,6-Dinitro-2-methylphenol	4700		3500	ug/Kg	74				0	0	0
N-Nitrosodiphenylamine	4700		3900	ug/Kg	83				0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP101824

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	4700		4100	ug/Kg	87				0	0	0
4-Bromophenyl-phenylether	4700		4200	ug/Kg	89				0	0	0
Hexachlorobenzene	4700		4000	ug/Kg	85				0	0	0
Atrazine	4700		4000	ug/Kg	85				0	0	0
Pentachlorophenol	4700		4000	ug/Kg	85				17	109	47
Phenanthrene	4700		3800	ug/Kg	81				0	0	0
Pentachlorobenzene	4700		4000	ug/Kg	85				0	0	0
Anthracene	4700		3700	ug/Kg	79				0	0	0
1,2,3,4-Tetrachlorobenzene	4700		4300	ug/Kg	91				0	0	0
Carbazole	4700		3700	ug/Kg	79				0	0	0
Di-n-butylphthalate	4700		3900	ug/Kg	83				0	0	0
Fluoranthene	4700		3900	ug/Kg	83				0	0	0
Pyrene	4700		3800	ug/Kg	81				35	142	36
Butylbenzylphthalate	4700		4000	ug/Kg	85				0	0	0
3,3'-Dichlorobenzidine	4700		3500	ug/Kg	74				0	0	0
Benzo(a)anthracene	4700		3900	ug/Kg	83				0	0	0
Chrysene	4700		3900	ug/Kg	83				0	0	0
Bis(2-ethylhexyl)phthalate	4700		4100	ug/Kg	87				0	0	0
Di-n-octylphthalate	4700		4000	ug/Kg	85				0	0	0
Benzo(b)fluoranthene	4700		4000	ug/Kg	85				0	0	0
Benzo(k)fluoranthene	4700		3800	ug/Kg	81				0	0	0
Benzo(a)pyrene	4700		3800	ug/Kg	81				0	0	0
Indeno(1,2,3-cd)pyrene	4700		3800	ug/Kg	81				0	0	0
Dibenzo(a,h)anthracene	4700		3800	ug/Kg	81				0	0	0
Benzo(g,h,i)perylene	4700		3900	ug/Kg	83				0	0	0
2,3,4,6-Tetrachlorophenol	4700		3700	ug/Kg	79				0	0	0

Surrogate Summary

SW-846

SDG No.: BP101824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4346-02	EOAW4	BP022455.D	1,4-Dioxane-d8	8	3.57	45		15	120
			Pyridine-d5	40	17.52	44		20	120
			Phenol-d5	40	19.67	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.33	51		10	150
			2-Chlorophenol-d4	40	21.57	54		15	120
			4-Methylphenol-d8	40	21.17	53		10	140
			Nitrobenzene-d5	40	21.37	53		10	135
			2-Nitrophenol-d4	40	22.71	57		10	120
			2,4-Dichlorophenol-d3	40	21.54	54		10	140
			4-Chloroaniline-d4	40	19.45	49		1	145
			Dimethylphthalate-d6	40	22.62	57		10	145
			Acenaphthylene-d8	40	22.32	56		15	120
			4-Nitrophenol-d4	40	8.11	20		10	150
			Fluorene-d10	40	21.85	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.45	24		10	130
			Anthracene-d10	40	22.84	57		10	150
			Pyrene-d10	40	23.56	59		10	130
			Benzo(a)pyrene-d12	40	23.09	58		10	140
P4346-03	EOAW5	BP022456.D	1,4-Dioxane-d8	8	3.23	40		15	120
			Pyridine-d5	40	14.80	37		20	120
			Phenol-d5	40	18.04	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.73	47		10	150
			2-Chlorophenol-d4	40	19.88	50		15	120
			4-Methylphenol-d8	40	18.64	47		10	140
			Nitrobenzene-d5	40	20.16	50		10	135
			2-Nitrophenol-d4	40	21.08	53		10	120
			2,4-Dichlorophenol-d3	40	19.80	49		10	140
			4-Chloroaniline-d4	40	17.98	45		1	145
			Dimethylphthalate-d6	40	20.15	50		10	145
			Acenaphthylene-d8	40	20.19	50		15	120
			4-Nitrophenol-d4	40	10.06	25		10	150
			Fluorene-d10	40	19.61	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.69	24		10	130
			Anthracene-d10	40	20.99	52		10	150
			Pyrene-d10	40	20.49	51		10	130
			Benzo(a)pyrene-d12	40	21.03	53		10	140
P4346-04	EOAW6	BP022457.D	1,4-Dioxane-d8	8	3.50	44		15	120
			Pyridine-d5	40	17.36	43		20	120
			Phenol-d5	40	21.02	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.12	53		10	150
			2-Chlorophenol-d4	40	22.15	55		15	120
			4-Methylphenol-d8	40	21.81	55		10	140
			Nitrobenzene-d5	40	23.27	58		10	135
			2-Nitrophenol-d4	40	24.32	61		10	120
			2,4-Dichlorophenol-d3	40	22.82	57		10	140
			4-Chloroaniline-d4	40	21.42	54		1	145
			Dimethylphthalate-d6	40	23.10	58		10	145
			Acenaphthylene-d8	40	23.27	58		15	120
			4-Nitrophenol-d4	40	13.91	35		10	150

Surrogate Summary

SW-846

SDG No.: BP101824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4346-04	EOAW6	BP022457.D	Fluorene-d10	40	22.42	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.10	33		10	130
			Anthracene-d10	40	23.70	59		10	150
			Pyrene-d10	40	24.59	61		10	130
			Benzo(a)pyrene-d12	40	24.21	61		10	140
P4346-05	EOAW7	BP022458.D	1,4-Dioxane-d8	8	3.17	40		15	120
			Pyridine-d5	40	16.11	40		20	120
			Phenol-d5	40	19.15	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.03	50		10	150
			2-Chlorophenol-d4	40	21.14	53		15	120
			4-Methylphenol-d8	40	20.11	50		10	140
			Nitrobenzene-d5	40	22.18	55		10	135
			2-Nitrophenol-d4	40	23.50	59		10	120
			2,4-Dichlorophenol-d3	40	21.73	54		10	140
			4-Chloroaniline-d4	40	19.76	49		1	145
			Dimethylphthalate-d6	40	22.41	56		10	145
			Acenaphthylene-d8	40	22.62	57		15	120
			4-Nitrophenol-d4	40	14.35	36		10	150
			Fluorene-d10	40	21.89	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.29	33		10	130
			Anthracene-d10	40	23.48	59		10	150
			Pyrene-d10	40	22.66	57		10	130
			Benzo(a)pyrene-d12	40	23.26	58		10	140
P4346-06	EOAW8	BP022459.D	1,4-Dioxane-d8	8	2.73	34		15	120
			Pyridine-d5	40	13.93	35		20	120
			Phenol-d5	40	17.73	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.29	43		10	150
			2-Chlorophenol-d4	40	18.28	46		15	120
			4-Methylphenol-d8	40	19.17	48		10	140
			Nitrobenzene-d5	40	18.87	47		10	135
			2-Nitrophenol-d4	40	20.02	50		10	120
			2,4-Dichlorophenol-d3	40	19.36	48		10	140
			4-Chloroaniline-d4	40	18.54	46		1	145
			Dimethylphthalate-d6	40	19.51	49		10	145
			Acenaphthylene-d8	40	19.94	50		15	120
			4-Nitrophenol-d4	40	11.72	29		10	150
			Fluorene-d10	40	19.40	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.65	22		10	130
			Anthracene-d10	40	20.04	50		10	150
			Pyrene-d10	40	25.19	63		10	130
			Benzo(a)pyrene-d12	40	20.16	50		10	140
P4346-07	EOAW9	BP022460.D	1,4-Dioxane-d8	8	3.62	45		15	120
			Pyridine-d5	40	18.46	46		20	120
			Phenol-d5	40	21.63	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.46	56		10	150
			2-Chlorophenol-d4	40	23.70	59		15	120
			4-Methylphenol-d8	40	22.44	56		10	140
			Nitrobenzene-d5	40	24.25	61		10	135
			2-Nitrophenol-d4	40	25.30	63		10	120

Surrogate Summary

SW-846

SDG No.: BP101824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4346-07	EOAW9	BP022460.D	2,4-Dichlorophenol-d3	40	23.54	59		10	140
			4-Chloroaniline-d4	40	21.40	54		1	145
			Dimethylphthalate-d6	40	24.42	61		10	145
			Acenaphthylene-d8	40	24.64	62		15	120
			4-Nitrophenol-d4	40	12.22	31		10	150
			Fluorene-d10	40	23.31	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.54	29		10	130
			Anthracene-d10	40	25.31	63		10	150
			Pyrene-d10	40	25.46	64		10	130
			Benzo(a)pyrene-d12	40	25.18	63		10	140
P4346-18	EOAX8	BP022463.D	1,4-Dioxane-d8	8	2.72	34		15	120
			Pyridine-d5	40	14.19	35		20	120
			Phenol-d5	40	16.81	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.96	45		10	150
			2-Chlorophenol-d4	40	18.24	46		15	120
			4-Methylphenol-d8	40	18.94	47		10	140
			Nitrobenzene-d5	40	17.90	45		10	135
			2-Nitrophenol-d4	40	18.98	47		10	120
			2,4-Dichlorophenol-d3	40	18.64	47		10	140
			4-Chloroaniline-d4	40	18.49	46		1	145
			Dimethylphthalate-d6	40	20.88	52		10	145
			Acenaphthylene-d8	40	19.83	50		15	120
			4-Nitrophenol-d4	40	11.08	28		10	150
			Fluorene-d10	40	20.53	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.76	27		10	130
			Anthracene-d10	40	20.51	51		10	150
			Pyrene-d10	40	25.86	65		10	130
			Benzo(a)pyrene-d12	40	21.99	55		10	140
P4346-20	EOAY0	BP022464.D	1,4-Dioxane-d8	8	2.29	29		15	120
			Pyridine-d5	40	11.93	30		20	120
			Phenol-d5	40	13.71	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.78	37		10	150
			2-Chlorophenol-d4	40	14.71	37		15	120
			4-Methylphenol-d8	40	15.09	38		10	140
			Nitrobenzene-d5	40	14.97	37		10	135
			2-Nitrophenol-d4	40	16.06	40		10	120
			2,4-Dichlorophenol-d3	40	15.12	38		10	140
			4-Chloroaniline-d4	40	13.90	35		1	145
			Dimethylphthalate-d6	40	15.54	39		10	145
			Acenaphthylene-d8	40	15.48	39		15	120
			4-Nitrophenol-d4	40	7.56	19		10	150
			Fluorene-d10	40	15.25	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.00	20		10	130
			Anthracene-d10	40	15.28	38		10	150
			Pyrene-d10	40	19.28	48		10	130
			Benzo(a)pyrene-d12	40	15.61	39		10	140
PB164170BL	PB164170BL	BP022462.D	Pyridine-d5	40	19.07	48		20	120
			1,4-Dioxane-d8	8	3.82	48		15	120
		BP022454.D	Pyridine-d5	40	20.23	51		20	120

Surrogate Summary

SW-846

SDG No.: BP101824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164170BL	PB164170BL	BP022454.D	1,4-Dioxane-d8	8	3.92	49		15	120
			Phenol-d5	40	20.61	52		10	130
		BP022462.D	Phenol-d5	40	20.16	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.88	52		10	150
		BP022454.D	Bis(2-Chloroethyl)ether-d8	40	21.11	53		10	150
			2-Chlorophenol-d4	40	21.65	54		15	120
		BP022462.D	2-Chlorophenol-d4	40	21.61	54		15	120
			4-Methylphenol-d8	40	20.94	52		10	140
		BP022454.D	4-Methylphenol-d8	40	22.24	56		10	140
			Nitrobenzene-d5	40	22.18	55		10	135
		BP022462.D	Nitrobenzene-d5	40	22.50	56		10	135
			2-Nitrophenol-d4	40	23.49	59		10	120
		BP022454.D	2-Nitrophenol-d4	40	23.64	59		10	120
			2,4-Dichlorophenol-d3	40	21.44	54		10	140
		BP022462.D	2,4-Dichlorophenol-d3	40	21.11	53		10	140
			4-Chloroaniline-d4	40	21.17	53		1	145
		BP022454.D	4-Chloroaniline-d4	40	22.94	57		1	145
			Dimethylphthalate-d6	40	23.36	58		10	145
		BP022462.D	Dimethylphthalate-d6	40	21.77	54		10	145
			Acenaphthylene-d8	40	21.84	55		15	120
		BP022454.D	Acenaphthylene-d8	40	21.69	54		15	120
			4-Nitrophenol-d4	40	19.54	49		10	150
		BP022462.D	4-Nitrophenol-d4	40	14.96	37		10	150
			Fluorene-d10	40	20.96	52		20	140
		BP022454.D	Fluorene-d10	40	22.24	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.23	48		10	130
		BP022462.D	4,6-Dinitro-2-methylphenol-d2	40	16.80	42		10	130
			Anthracene-d10	40	22.06	55		10	150
		BP022454.D	Anthracene-d10	40	22.11	55		10	150
			Pyrene-d10	40	23.16	58		10	130
		BP022462.D	Pyrene-d10	40	22.79	57		10	130
			Benzo(a)pyrene-d12	40	22.60	56		10	140
		BP022454.D	Benzo(a)pyrene-d12	40	22.76	57		10	140

Surrogate Summary

SW-846

SDG No.: BP101824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4361-02	EOAY3	BP022470.D	1,4-Dioxane-d8	8	2.20	28		15	120
			Pyridine-d5	40	10.61	27		20	120
			Phenol-d5	40	12.98	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.30	33		10	150
			2-Chlorophenol-d4	40	13.86	35		15	120
			4-Methylphenol-d8	40	14.70	37		10	140
			Nitrobenzene-d5	40	14.06	35		10	135
			2-Nitrophenol-d4	40	14.56	36		10	120
			2,4-Dichlorophenol-d3	40	14.82	37		10	140
			4-Chloroaniline-d4	40	13.96	35		1	145
			Dimethylphthalate-d6	40	16.50	41		10	145
			Acenaphthylene-d8	40	15.70	39		15	120
			4-Nitrophenol-d4	40	9.28	23		10	150
			Fluorene-d10	40	16.06	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.90	20		10	130
			Anthracene-d10	40	17.05	43		10	150
			Pyrene-d10	40	20.68	52		10	130
			Benzo(a)pyrene-d12	40	17.17	43		10	140
P4361-03	EOAY4	BP022473.D	1,4-Dioxane-d8	8	2.23	28		15	120
			Pyridine-d5	40	11.31	28		20	120
			Phenol-d5	40	13.47	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.75	34		10	150
			2-Chlorophenol-d4	40	14.43	36		15	120
			4-Methylphenol-d8	40	14.51	36		10	140
			Nitrobenzene-d5	40	14.90	37		10	135
			2-Nitrophenol-d4	40	15.45	39		10	120
			2,4-Dichlorophenol-d3	40	14.66	37		10	140
			4-Chloroaniline-d4	40	13.96	35		1	145
			Dimethylphthalate-d6	40	16.44	41		10	145
			Acenaphthylene-d8	40	16.10	40		15	120
			4-Nitrophenol-d4	40	8.27	21		10	150
			Fluorene-d10	40	15.40	39		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.62	19		10	130
			Anthracene-d10	40	17.13	43		10	150
			Pyrene-d10	40	17.04	43		10	130
			Benzo(a)pyrene-d12	40	17.35	43		10	140
P4361-04	EOAY6	BP022467.D	Pyridine-d5	40	9.04	23		20	120
			1,4-Dioxane-d8	8	1.87	23		15	120
			Phenol-d5	40	10.12	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.15	28		10	150
			2-Chlorophenol-d4	40	11.30	28		15	120
			4-Methylphenol-d8	40	10.93	27		10	140
			Nitrobenzene-d5	40	11.21	28		10	135
			2-Nitrophenol-d4	40	11.48	29		10	120
			2,4-Dichlorophenol-d3	40	11.13	28		10	140
			4-Chloroaniline-d4	40	10.81	27		1	145
			Dimethylphthalate-d6	40	12.48	31		10	145
			Acenaphthylene-d8	40	12.33	31		15	120
			4-Nitrophenol-d4	40	1.84	5	*	10	150

Surrogate Summary

SW-846

SDG No.: BP101824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4361-04	EOAY6	BP022467.D	Fluorene-d10	40	12.00	30		20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.80	4	*	10	130
			Anthracene-d10	40	12.75	32		10	150
			Pyrene-d10	40	13.15	33		10	130
			Benzo(a)pyrene-d12	40	13.26	33		10	140
P4361-05	EOAY7	BP022472.D	1,4-Dioxane-d8	8	2.46	31		15	120
			Pyridine-d5	40	13.85	35		20	120
			Phenol-d5	40	16.17	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.00	43		10	150
			2-Chlorophenol-d4	40	17.92	45		15	120
			4-Methylphenol-d8	40	18.51	46		10	140
			Nitrobenzene-d5	40	18.36	46		10	135
			2-Nitrophenol-d4	40	19.42	49		10	120
			2,4-Dichlorophenol-d3	40	18.76	47		10	140
			4-Chloroaniline-d4	40	18.49	46		1	145
			Dimethylphthalate-d6	40	20.82	52		10	145
			Acenaphthylene-d8	40	20.51	51		15	120
			4-Nitrophenol-d4	40	6.66	17		10	150
			Fluorene-d10	40	21.08	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.66	14		10	130
			Anthracene-d10	40	21.83	55		10	150
			Pyrene-d10	40	26.52	66		10	130
			Benzo(a)pyrene-d12	40	21.69	54		10	140
P4361-10MSD	EOAZ0MSD	BP022465.D	1,4-Dioxane-d8	8	4.21	53		15	120
			Pyridine-d5	40	21.07	53		20	120
			Phenol-d5	40	23.72	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.79	59		10	150
			2-Chlorophenol-d4	40	25.89	65		15	120
			4-Methylphenol-d8	40	23.98	60		10	140
			Nitrobenzene-d5	40	25.73	64		10	135
			2-Nitrophenol-d4	40	27.51	69		10	120
			2,4-Dichlorophenol-d3	40	27.25	68		10	140
			4-Chloroaniline-d4	40	22.91	57		1	145
			Dimethylphthalate-d6	40	26.18	65		10	145
			Acenaphthylene-d8	40	26.55	66		15	120
			4-Nitrophenol-d4	40	14.69	37		10	150
			Fluorene-d10	40	25.74	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.31	41		10	130
			Anthracene-d10	40	27.33	68		10	150
			Pyrene-d10	40	27.17	68		10	130
			Benzo(a)pyrene-d12	40	28.60	71		10	140
P4361-11	EOAZ2	BP022466.D	1,4-Dioxane-d8	8	2.77	35		15	120
			Pyridine-d5	40	14.22	36		20	120
			Phenol-d5	40	17.31	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.76	44		10	150
			2-Chlorophenol-d4	40	18.24	46		15	120
			4-Methylphenol-d8	40	18.72	47		10	140
			Nitrobenzene-d5	40	18.64	47		10	135
			2-Nitrophenol-d4	40	20.22	51		10	120

Surrogate Summary

SW-846

SDG No.: BP101824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4361-11	EOAZ2	BP022466.D	2,4-Dichlorophenol-d3	40	18.98	47		10	140
			4-Chloroaniline-d4	40	18.08	45		1	145
			Dimethylphthalate-d6	40	21.23	53		10	145
			Acenaphthylene-d8	40	20.90	52		15	120
			4-Nitrophenol-d4	40	9.19	23		10	150
			Fluorene-d10	40	20.14	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.88	25		10	130
			Anthracene-d10	40	22.19	55		10	150
			Pyrene-d10	40	22.33	56		10	130
			Benzo(a)pyrene-d12	40	22.90	57		10	140
P4361-13	EOAZ4	BP022468.D	1,4-Dioxane-d8	8	0.64	8	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	3.71	9	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	4.26	11		10	150
			2-Chlorophenol-d4	40	4.09	10	*	15	120
			4-Methylphenol-d8	40	2.44	6	*	10	140
			Nitrobenzene-d5	40	3.92	10		10	135
			2-Nitrophenol-d4	40	4.17	10		10	120
			2,4-Dichlorophenol-d3	40	3.75	9	*	10	140
			4-Chloroaniline-d4	40	2.44	6		1	145
			Dimethylphthalate-d6	40	4.77	12		10	145
			Acenaphthylene-d8	40	4.35	11	*	15	120
			4-Nitrophenol-d4	40	1.29	3	*	10	150
			Fluorene-d10	40	4.51	11	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.17	3	*	10	130
			Anthracene-d10	40	4.72	12		10	150
			Pyrene-d10	40	4.36	11		10	130
			Benzo(a)pyrene-d12	40	3.04	8	*	10	140
P4361-14	EOAZ5	BP022469.D	1,4-Dioxane-d8	8	0.87	11	*	15	120
			Pyridine-d5	40	0.79	2	*	20	120
			Phenol-d5	40	3.97	10		10	130
			Bis(2-Chloroethyl)ether-d8	40	4.90	12		10	150
			2-Chlorophenol-d4	40	4.70	12	*	15	120
			4-Methylphenol-d8	40	2.53	6	*	10	140
			Nitrobenzene-d5	40	4.61	12		10	135
			2-Nitrophenol-d4	40	4.66	12		10	120
			2,4-Dichlorophenol-d3	40	4.00	10		10	140
			4-Chloroaniline-d4	40	2.64	7		1	145
			Dimethylphthalate-d6	40	5.09	13		10	145
			Acenaphthylene-d8	40	4.90	12	*	15	120
			4-Nitrophenol-d4	40	1.22	3	*	10	150
			Fluorene-d10	40	5.01	13	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.05	3	*	10	130
			Anthracene-d10	40	5.15	13		10	150
			Pyrene-d10	40	4.28	11		10	130
			Benzo(a)pyrene-d12	40	3.13	8	*	10	140
PB164183BS	PB164183BS	BP022471.D	1,4-Dioxane-d8	8	5.03	63		15	120
			Pyridine-d5	40	25.65	64		20	120
			Phenol-d5	40	28.05	70		10	130

Surrogate Summary

SW-846

SDG No.: BP101824

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164183BS	PB164183BS	BP022471.D	Bis(2-Chloroethyl)ether-d8	40	27.11	68		10	150
			2-Chlorophenol-d4	40	30.21	76		15	120
			4-Methylphenol-d8	40	28.26	71		10	140
			Nitrobenzene-d5	40	29.24	73		10	135
			2-Nitrophenol-d4	40	30.82	77		10	120
			2,4-Dichlorophenol-d3	40	30.30	76		10	140
			4-Chloroaniline-d4	40	25.64	64		1	145
			Dimethylphthalate-d6	40	27.94	70		10	145
			Acenaphthylene-d8	40	28.53	71		15	120
			4-Nitrophenol-d4	40	22.86	57		10	150
			Fluorene-d10	40	27.47	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.85	67		10	130
			Anthracene-d10	40	28.39	71		10	150
			Pyrene-d10	40	29.78	74		10	130
			Benzo(a)pyrene-d12	40	29.94	75		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP101824

Lab Code: CHEM

SAS No.: BP101824 SDG NO.: BP101824

Lab File ID: BP022452.D

DFTPP Injection Date: 10/18/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.4
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	27.1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	35.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	34.6
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	94.9
443	15.0 - 24.0% of mass 442	18.6 (19.6) 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
SSTD020662	SSTDCCC020	BP022453.D	10/18/2024	10:05
SBLK170	PB164170BL	BP022454.D	10/18/2024	10:46
EOAW4	P4346-02	BP022455.D	10/18/2024	11:26
EOAW5	P4346-03	BP022456.D	10/18/2024	12:07
EOAW6	P4346-04	BP022457.D	10/18/2024	12:47
EOAW7	P4346-05	BP022458.D	10/18/2024	13:28
EOAW8	P4346-06	BP022459.D	10/18/2024	14:08
EOAW9	P4346-07	BP022460.D	10/18/2024	14:49
SSTD020663	SSTDCCC020EC	BP022461.D	10/18/2024	15:29
SBLK170	PB164170BL	BP022462.D	10/18/2024	16:12
EOAX8	P4346-18	BP022463.D	10/18/2024	16:52
EOAY0	P4346-20	BP022464.D	10/18/2024	17:33
EOAZ0MSD	P4361-10MSD	BP022465.D	10/18/2024	18:13
EOAZ2	P4361-11	BP022466.D	10/18/2024	18:54
EOAY6	P4361-04	BP022467.D	10/18/2024	19:34
EOAZ4	P4361-13	BP022468.D	10/18/2024	20:15
EOAZ5	P4361-14	BP022469.D	10/18/2024	20:55
EOAY3	P4361-02	BP022470.D	10/18/2024	21:36

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP101824

Lab Code: CHEM

SAS No.: BP101824 SDG NO.: BP101824

Lab File ID: BP022452.D

DFTPP Injection Date: 10/18/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.4
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	27.1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	35.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	34.6
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	94.9
443	15.0 - 24.0% of mass 442	18.6 (19.6) 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
SLCS183	PB164183BS	BP022471.D	10/18/2024	22:16
EOAY7	P4361-05	BP022472.D	10/18/2024	22:57
EOAY4	P4361-03	BP022473.D	10/18/2024	23:38