

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP100924 SAS No.: BP100924 SDG No.: BP100924

Instrument ID: BNA_P Calibration Date/Time: 10/9/2024 1:10:53

Lab File ID: BP022284.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020793 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	0.501	0.010	-9.408	40.0
Benzaldehyde	0.910	0.993	0.010	9.0972	40.0
Pyridine	1.449	1.350	0.010	-6.8201	40.0
Phenol	1.752	1.627	0.080	-7.1079	20.0
Bis(2-Chloroethyl)ether	1.311	1.274	0.100	-2.7958	20.0
2-Chlorophenol	1.235	1.214	0.200	-1.6969	20.0
2-Methylphenol	1.271	1.195	0.010	-5.9746	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.420	0.010	-6.818	40.0
Acetophenone	2.218	1.980	0.060	-10.7205	20.0
4-Methylphenol	1.410	1.263	0.010	-10.4654	20.0
N-Nitroso-di-n-propylamine	1.124	0.998	0.050	-11.1672	30.0
Hexachloroethane	0.575	0.575	0.100	0.0267	20.0
Nitrobenzene	0.459	0.438	0.050	-4.5684	25.0
Isophorone	0.823	0.777	0.050	-5.5491	25.0
2-Nitrophenol	0.192	0.194	0.050	1.2888	25.0
2,4-Dimethylphenol	0.417	0.410	0.050	-1.648	25.0
Bis(2-Chloroethoxy)methane	0.467	0.462	0.050	-1.0508	20.0
2,4-Dichlorophenol	0.373	0.364	0.060	-2.3448	20.0
Naphthalene	1.065	1.057	0.200	-0.8073	20.0
4-Chloroaniline	0.441	0.411	0.010	-6.9679	40.0
Hexachlorobutadiene	0.314	0.311	0.040	-0.9868	30.0
Caprolactam	0.120	0.102	0.010	-15.3045	40.0
4-Chloro-3-methylphenol	0.407	0.382	0.040	-6.1092	25.0
1-Methylnaphthalene	0.798	0.758	0.100	-5.0673	20.0
2-Methylnaphthalene	0.782	0.736	0.100	-5.8445	20.0
Hexachlorocyclopentadiene	0.451	0.374	0.010	-17.075	40.0
2,4,6-Trichlorophenol	0.465	0.469	0.090	0.8224	25.0
2,4,5-Trichlorophenol	0.495	0.496	0.100	0.1459	25.0
1,1-Biphenyl	1.442	1.461	0.200	1.3696	20.0
2-Chloronaphthalene	1.180	1.195	0.300	1.2408	20.0
2-Nitroaniline	0.352	0.328	0.050	-6.832	40.0
Dimethylphthalate	1.583	1.493	0.300	-5.6988	20.0
2,6-Dinitrotoluene	0.299	0.303	0.080	1.2742	30.0
Acenaphthylene	1.752	1.841	0.400	5.1303	20.0
3-Nitroaniline	0.281	0.287	0.010	2.1458	40.0
Acenaphthene	1.239	1.220	0.200	-1.4917	20.0
2,4-Dinitrophenol	0.220	0.159	0.010	-27.9446	40.0
4-Nitrophenol	0.296	0.256	0.010	-13.3754	40.0
Dibenzofuran	1.861	1.814	0.300	-2.4885	20.0

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Instrument ID: BNA_P Calibration Date/Time: 10/9/2024 1:10:53

Lab File ID: BP022284.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020793 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	0.449	0.070	-3.4871	30.0
Diethylphthalate	1.519	1.420	0.300	-6.5043	20.0
Fluorene	1.516	1.474	0.200	-2.7608	20.0
4-Chlorophenyl-phenylether	0.867	0.827	0.100	-4.5779	20.0
4-Nitroaniline	0.283	0.307	0.010	8.5514	40.0
4,6-Dinitro-2-methylphenol	0.142	0.122	0.010	-13.5726	40.0
N-Nitrosodiphenylamine	0.536	0.539	0.050	0.6136	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.758	0.100	2.5573	20.0
4-Bromophenyl-phenylether	0.241	0.239	0.070	-0.934	20.0
Hexachlorobenzene	0.297	0.300	0.050	1.1022	25.0
Atrazine	0.223	0.202	0.010	-9.178	25.0
Pentachlorophenol	0.191	0.188	0.010	-1.6286	40.0
Phenanthrene	1.070	1.067	0.200	-0.2584	20.0
Pentachlorobenzene	0.337	0.335	0.050	-0.3678	20.0
Anthracene	1.068	1.089	0.200	1.9411	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.319	0.050	4.6008	20.0
Carbazole	0.945	0.966	0.050	2.2858	40.0
Di-n-butylphthalate	1.045	1.041	0.500	-0.3992	25.0
Fluoranthene	1.216	1.288	0.400	5.9161	25.0
Pyrene	1.303	1.344	0.400	3.1053	25.0
Butylbenzylphthalate	0.454	0.472	0.100	3.9783	40.0
3,3-Dichlorobenzidine	0.477	0.485	0.010	1.6555	40.0
Benzo (a) anthracene	1.402	1.418	0.300	1.12	30.0
Chrysene	1.300	1.307	0.200	0.5451	30.0
Bis (2-ethylhexyl) phthalate	0.651	0.645	0.200	-0.9343	40.0
Di-n-octyl phthalate	0.951	0.929	0.010	-2.3043	40.0
Benzo (b) fluoranthene	1.259	1.212	0.200	-3.743	25.0
Benzo (k) fluoranthene	1.233	1.195	0.200	-3.0218	25.0
Benzo (a) pyrene	1.159	1.162	0.200	0.327	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.534	0.200	-0.7695	25.0
Dibenzo (a,h) anthracene	1.252	1.268	0.200	1.2691	30.0
Benzo (g,h,i) perylene	1.203	1.231	0.200	2.3179	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.455	0.040	-1.5666	20.0
1,4-Dioxane-d8	0.515	0.473	0.010	-8.1013	25.0
Pyridine-d5	1.413	1.299	0.010	-8.0843	40.0
Phenol-d5	1.684	1.621	0.010	-3.7079	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.950	0.050	-3.9662	25.0
2-Chlorophenol-d4	1.195	1.218	0.200	1.9476	20.0
4-Methylphenol-d8	1.344	1.249	0.010	-7.0689	20.0

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Lab Code: CHEM Case No.: BP100924 SAS No.: BP100924 SDG No.: BP100924

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Lab File ID: BP022284.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020793 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.156	0.050	1.7586	20.0
2-Nitrophenol-d4	0.178	0.184	0.050	3.5253	30.0
2,4-Dichlorophenol-d3	0.378	0.385	0.060	1.7361	20.0
4-Chloroaniline-d4	0.447	0.420	0.010	-6.114	40.0
Dimethylphthalate-d6	1.589	1.486	0.300	-6.5092	20.0
Acenaphthylene-d8	1.688	1.705	0.400	1.0516	20.0
4-Nitrophenol-d4	0.267	0.255	0.010	-4.4923	40.0
Fluorene-d10	1.378	1.328	0.100	-3.6618	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.116	0.010	-11.8541	40.0
Anthracene-d10	0.941	0.972	0.300	3.3109	20.0
Pyrene-d10	1.058	1.102	0.300	4.239	25.0
Benzo(a)pyrene-d12	1.068	1.015	0.010	-4.9949	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.: BP100924 SAS No.: BP100924 SDG No.: BP100924

Instrument ID: BNA_P Calibration Date/Time: 10/9/2024 1:21:49

Lab File ID: BP022299.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020794 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	0.448	0.010	-19.1027	40.0
Benzaldehyde	0.910	0.932	0.010	2.461	40.0
Pyridine	1.449	1.260	0.010	-13.0431	40.0
Phenol	1.752	1.648	0.080	-5.8978	20.0
Bis(2-Chloroethyl)ether	1.311	1.248	0.100	-4.7647	20.0
2-Chlorophenol	1.235	1.237	0.200	0.1237	20.0
2-Methylphenol	1.271	1.264	0.010	-0.5263	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.429	0.010	-6.1926	40.0
Acetophenone	2.218	2.180	0.060	-1.74	20.0
4-Methylphenol	1.410	1.382	0.010	-1.9853	20.0
N-Nitroso-di-n-propylamine	1.124	1.105	0.050	-1.6571	30.0
Hexachloroethane	0.575	0.557	0.100	-3.2478	20.0
Nitrobenzene	0.459	0.433	0.050	-5.6354	25.0
Isophorone	0.823	0.815	0.050	-1.0017	25.0
2-Nitrophenol	0.192	0.192	0.050	0.0889	25.0
2,4-Dimethylphenol	0.417	0.415	0.050	-0.5946	25.0
Bis(2-Chloroethoxy)methane	0.467	0.459	0.050	-1.813	20.0
2,4-Dichlorophenol	0.373	0.377	0.060	1.069	20.0
Naphthalene	1.065	1.057	0.200	-0.7799	20.0
4-Chloroaniline	0.441	0.434	0.010	-1.7423	40.0
Hexachlorobutadiene	0.314	0.300	0.040	-4.4499	30.0
Caprolactam	0.120	0.119	0.010	-1.1038	40.0
4-Chloro-3-methylphenol	0.407	0.427	0.040	5.1419	25.0
1-Methylnaphthalene	0.798	0.825	0.100	3.3856	20.0
2-Methylnaphthalene	0.782	0.797	0.100	1.8909	20.0
Hexachlorocyclopentadiene	0.451	0.215	0.010	-52.2982	40.0
2,4,6-Trichlorophenol	0.465	0.471	0.090	1.246	25.0
2,4,5-Trichlorophenol	0.495	0.505	0.100	1.9556	25.0
1,1-Biphenyl	1.442	1.379	0.200	-4.3524	20.0
2-Chloronaphthalene	1.180	1.161	0.300	-1.6131	20.0
2-Nitroaniline	0.352	0.339	0.050	-3.914	40.0
Dimethylphthalate	1.583	1.506	0.300	-4.8858	20.0
2,6-Dinitrotoluene	0.299	0.316	0.080	5.6194	30.0
Acenaphthylene	1.752	1.814	0.400	3.5668	20.0
3-Nitroaniline	0.281	0.299	0.010	6.3333	40.0
Acenaphthene	1.239	1.197	0.200	-3.3639	20.0
2,4-Dinitrophenol	0.220	0.165	0.010	-25.0623	40.0
4-Nitrophenol	0.296	0.268	0.010	-9.3147	40.0
Dibenzofuran	1.861	1.802	0.300	-3.128	20.0

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Instrument ID: BNA_P Calibration Date/Time: 10/9/2024 1:21:49

Lab File ID: BP022299.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020794 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	0.474	0.070	1.8165	30.0
Diethylphthalate	1.519	1.449	0.300	-4.6286	20.0
Fluorene	1.516	1.494	0.200	-1.4726	20.0
4-Chlorophenyl-phenylether	0.867	0.846	0.100	-2.3751	20.0
4-Nitroaniline	0.283	0.328	0.010	15.8417	40.0
4,6-Dinitro-2-methylphenol	0.142	0.103	0.010	-27.4971	40.0
N-Nitrosodiphenylamine	0.536	0.512	0.050	-4.3615	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.703	0.100	-4.9606	20.0
4-Bromophenyl-phenylether	0.241	0.239	0.070	-0.8366	20.0
Hexachlorobenzene	0.297	0.296	0.050	-0.3273	25.0
Atrazine	0.223	0.204	0.010	-8.3124	25.0
Pentachlorophenol	0.191	0.499	0.010	161.329	40.0
Phenanthrene	1.070	1.048	0.200	-2.029	20.0
Pentachlorobenzene	0.337	0.323	0.050	-3.929	20.0
Anthracene	1.068	1.056	0.200	-1.0909	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.285	0.050	-6.5545	20.0
Carbazole	0.945	0.927	0.050	-1.8529	40.0
Di-n-butylphthalate	1.045	1.042	0.500	-0.2916	25.0
Fluoranthene	1.216	1.422	0.400	16.9211	25.0
Pyrene	1.303	1.422	0.400	9.1174	25.0
Butylbenzylphthalate	0.454	0.497	0.100	9.6212	40.0
3,3-Dichlorobenzidine	0.477	0.443	0.010	-7.0398	40.0
Benzo (a) anthracene	1.402	1.392	0.300	-0.6878	30.0
Chrysene	1.300	1.282	0.200	-1.4054	30.0
Bis(2-ethylhexyl)phthalate	0.651	0.677	0.200	4.0145	40.0
Di-n-octyl phthalate	0.951	1.014	0.010	6.5371	40.0
Benzo (b) fluoranthene	1.259	1.212	0.200	-3.7594	25.0
Benzo (k) fluoranthene	1.233	1.185	0.200	-3.8766	25.0
Benzo (a) pyrene	1.159	1.131	0.200	-2.4152	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.472	0.200	-4.7947	25.0
Dibenzo (a,h) anthracene	1.252	1.214	0.200	-3.0206	30.0
Benzo (g,h,i) perylene	1.203	1.179	0.200	-2.0068	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.487	0.040	5.3426	20.0
1,4-Dioxane-d8	0.515	0.418	0.010	-18.7699	25.0
Pyridine-d5	1.413	1.218	0.010	-13.7978	40.0
Phenol-d5	1.684	1.632	0.010	-3.0574	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.931	0.050	-5.8999	25.0
2-Chlorophenol-d4	1.195	1.234	0.200	3.3084	20.0
4-Methylphenol-d8	1.344	1.341	0.010	-0.2034	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP100924 SAS No.: BP100924 SDG No.: BP100924

Instrument ID: BNA_P Calibration Date/Time: 10/9/2024 1: 21:49

Lab File ID: BP022299.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020794 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.161	0.050	4.9797	20.0
2-Nitrophenol-d4	0.178	0.188	0.050	5.7968	30.0
2,4-Dichlorophenol-d3	0.378	0.399	0.060	5.4952	20.0
4-Chloroaniline-d4	0.447	0.448	0.010	0.1034	40.0
Dimethylphthalate-d6	1.589	1.494	0.300	-5.9686	20.0
Acenaphthylene-d8	1.688	1.685	0.400	-0.1351	20.0
4-Nitrophenol-d4	0.267	0.261	0.010	-2.2275	40.0
Fluorene-d10	1.378	1.351	0.100	-1.9642	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.095	0.010	-27.5804	40.0
Anthracene-d10	0.941	0.934	0.300	-0.6765	20.0
Pyrene-d10	1.058	1.180	0.300	11.6017	25.0
Benzo(a)pyrene-d12	1.068	1.015	0.010	-5.0007	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK678	SDG No.:	BP100924
Lab Sample ID:	PB163678BL	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
BP022285.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

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:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK678	SDG No.:	BP100924
Lab Sample ID:	PB163678BL	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
BP022285.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

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:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK678	SDG No.:	BP100924
Lab Sample ID:	PB163678BL	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
BP022285.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

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	3.851		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	19.867		20-120		50	SPK: -40
4165-62-2	Phenol-d5	21.07		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.675		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.8		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	20.999		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	23.993		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.553		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.269		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.754		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.675		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	22.805		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.811		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	21.818		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	SBLK678	SDG No.:	BP100924
Lab Sample ID:	PB163678BL	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
BP022285.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.478		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	22.98		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	23.699		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.809		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	192353	7.704				
1146-65-2	Naphthalene-d8	683274	10.463				
15067-26-2	Acenaphthene-d10	508582	14.316				
1517-22-2	Phenanthrene-d10	1174522	17.116				
1719-03-5	Chrysene-d12	1291671	21.539				
1520-96-3	Perylene-d12	1579634	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-02-6	Cyclopentasiloxane, decamethyl-	240	J			9.257	
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ6	SDG No.:	BP100924
Lab Sample ID:	P4162-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022286.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.3	110	ug/Kg
100-52-7	Benzaldehyde	77	U	77	140	560	ug/Kg
110-86-1	Pyridine	56	U	56	280	560	ug/Kg
108-95-2	Phenol	73	U	73	140	560	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	68	U	68	140	560	ug/Kg
95-57-8	2-Chlorophenol	39	U	39	72.5	290	ug/Kg
95-48-7	2-Methylphenol	67	U	67	140	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	560	ug/Kg
98-86-2	Acetophenone	68	U	68	140	560	ug/Kg
106-44-5	4-Methylphenol	63	U	63	140	560	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	72.5	290	ug/Kg
67-72-1	Hexachloroethane	31	U	31	72.5	290	ug/Kg
98-95-3	Nitrobenzene	53	U	53	72.5	290	ug/Kg
78-59-1	Isophorone	82	U	82	72.5	290	ug/Kg
88-75-5	2-Nitrophenol	53	U	53	72.5	290	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	72.5	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	73	U	73	72.5	290	ug/Kg
120-83-2	2,4-Dichlorophenol	27	U	27	72.5	290	ug/Kg
91-20-3	Naphthalene	43	U	43	72.5	290	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	72.5	560	ug/Kg
87-68-3	Hexachlorobutadiene	75	U	75	72.5	290	ug/Kg
105-60-2	Caprolactam	120	U	120	140	560	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	72.5	290	ug/Kg
90-12-0	1-Methylnaphthalene	56	U	56	72.5	290	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	72.5	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	560	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84	U	84	72.5	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	67	U	67	72.5	290	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ6	SDG No.:	BP100924
Lab Sample ID:	P4162-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022286.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	41	U	41	72.5	290	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	72.5	290	ug/Kg
88-74-4	2-Nitroaniline	70	U	70	72.5	290	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	72.5	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	75	U	75	72.5	290	ug/Kg
208-96-8	Acenaphthylene	55	U	55	72.5	290	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	140	560	ug/Kg
83-32-9	Acenaphthene	49	U	49	72.5	290	ug/Kg
51-28-5	2,4-Dinitrophenol	82	U	82	140	560	ug/Kg
100-02-7	4-Nitrophenol	75	U	75	140	560	ug/Kg
132-64-9	Dibenzofuran	55	U	55	72.5	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	73	U	73	72.5	290	ug/Kg
84-66-2	Diethylphthalate	51	U	51	72.5	290	ug/Kg
86-73-7	Fluorene	43	U	43	72.5	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	34	U	34	72.5	290	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	140	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	560	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	72.5	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	72.5	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49	U	49	72.5	290	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	72.5	290	ug/Kg
1912-24-9	Atrazine	120	U	120	140	560	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	560	ug/Kg
85-01-8	Phenanthrene	49	U	49	72.5	290	ug/Kg
608-93-5	Pentachlorobenzene	89	U	89	72.5	290	ug/Kg
120-12-7	Anthracene	43	U	43	72.5	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	85	U	85	72.5	290	ug/Kg
86-74-8	Carbazole	48	U	48	140	560	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	72.5	290	ug/Kg
206-44-0	Fluoranthene	92	U	92	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ6	SDG No.:	BP100924
Lab Sample ID:	P4162-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022286.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	84	U	84	72.5	290	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	72.5	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	82	U	82	140	560	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	72.5	290	ug/Kg
218-01-9	Chrysene	53	U	53	72.5	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	72.5	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	560	ug/Kg
205-99-2	Benzo(b)fluoranthene	56	U	56	72.5	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	65	U	65	72.5	290	ug/Kg
50-32-8	Benzo(a)pyrene	55	U	55	72.5	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	72.5	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	72.5	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	72.5	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56	U	56	72.5	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.47		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	11.885		20-120		30	SPK: -40
4165-62-2	Phenol-d5	14.682		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.287		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.952		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	15.748		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	16.204		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.078		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.661		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.553		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.106		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	18.882		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.603		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	19.913		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ6	SDG No.:	BP100924
Lab Sample ID:	P4162-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022286.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.328		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	19.984		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	21.754		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.639		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140886	7.704				
1146-65-2	Naphthalene-d8	537827	10.469				
15067-26-2	Acenaphthene-d10	420414	14.322				
1517-22-2	Phenanthrene-d10	1014412	17.11				
1719-03-5	Chrysene-d12	1014277	21.545				
1520-96-3	Perylene-d12	1215046	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-02-6	Cyclopentasiloxane, decamethyl-	350	J			9.263	
000119-61-9	Benzophenone	200	J			15.692	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	130	J			17.733	
000057-10-3	n-Hexadecanoic acid	240	J			18.051	
959092-08-1	Pentafluoropropionic acid, pentade	160	J			21.215	
E966796	Total Alkanes	41	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES5	SDG No.:	BP100924
Lab Sample ID:	P4162-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42
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
BP022287.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.4	110	ug/Kg
100-52-7	Benzaldehyde	78	U	78	140	570	ug/Kg
110-86-1	Pyridine	57	U	57	280	570	ug/Kg
108-95-2	Phenol	74	U	74	140	570	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	69	U	69	140	570	ug/Kg
95-57-8	2-Chlorophenol	40	U	40	73.3	290	ug/Kg
95-48-7	2-Methylphenol	67	U	67	140	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	570	ug/Kg
98-86-2	Acetophenone	69	U	69	140	570	ug/Kg
106-44-5	4-Methylphenol	64	U	64	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	73.3	290	ug/Kg
67-72-1	Hexachloroethane	31	U	31	73.3	290	ug/Kg
98-95-3	Nitrobenzene	53	U	53	73.3	290	ug/Kg
78-59-1	Isophorone	83	U	83	73.3	290	ug/Kg
88-75-5	2-Nitrophenol	53	U	53	73.3	290	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	73.3	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	74	U	74	73.3	290	ug/Kg
120-83-2	2,4-Dichlorophenol	28	U	28	73.3	290	ug/Kg
91-20-3	Naphthalene	43	U	43	73.3	290	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	73.3	570	ug/Kg
87-68-3	Hexachlorobutadiene	76	U	76	73.3	290	ug/Kg
105-60-2	Caprolactam	120	U	120	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	73.3	290	ug/Kg
90-12-0	1-Methylnaphthalene	57	U	57	73.3	290	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	73.3	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84	U	84	73.3	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	67	U	67	73.3	290	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES5	SDG No.:	BP100924
Lab Sample ID:	P4162-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42
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
BP022287.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	41	U	41	73.3	290	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	73.3	290	ug/Kg
88-74-4	2-Nitroaniline	71	U	71	73.3	290	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	73.3	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	76	U	76	73.3	290	ug/Kg
208-96-8	Acenaphthylene	55	U	55	73.3	290	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	140	570	ug/Kg
83-32-9	Acenaphthene	50	U	50	73.3	290	ug/Kg
51-28-5	2,4-Dinitrophenol	83	U	83	140	570	ug/Kg
100-02-7	4-Nitrophenol	76	U	76	140	570	ug/Kg
132-64-9	Dibenzofuran	55	U	55	73.3	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	74	U	74	73.3	290	ug/Kg
84-66-2	Diethylphthalate	52	U	52	73.3	290	ug/Kg
86-73-7	Fluorene	43	U	43	73.3	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	34	U	34	73.3	290	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	140	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	570	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	73.3	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	73.3	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	73.3	290	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	73.3	290	ug/Kg
1912-24-9	Atrazine	120	U	120	140	570	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	570	ug/Kg
85-01-8	Phenanthrene	50	U	50	73.3	290	ug/Kg
608-93-5	Pentachlorobenzene	90	U	90	73.3	290	ug/Kg
120-12-7	Anthracene	43	U	43	73.3	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	86	U	86	73.3	290	ug/Kg
86-74-8	Carbazole	48	U	48	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	73.3	290	ug/Kg
206-44-0	Fluoranthene	93	U	93	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES5	SDG No.:	BP100924
Lab Sample ID:	P4162-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42
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
BP022287.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	84	U	84	73.3	290	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	73.3	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	83	U	83	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	73.3	290	ug/Kg
218-01-9	Chrysene	53	U	53	73.3	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	73.3	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	73.3	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	66	U	66	73.3	290	ug/Kg
50-32-8	Benzo(a)pyrene	55	U	55	73.3	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	73.3	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	73.3	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	73.3	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	73.3	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.259		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	12.271		20-120		31	SPK: -40
4165-62-2	Phenol-d5	15.021		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.491		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.148		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	15.964		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	16.263		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.342		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.45		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.862		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.584		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.372		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.613		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	18.487		20-140		46	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES5	SDG No.:	BP100924
Lab Sample ID:	P4162-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42
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
BP022287.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.236		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	19.615		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	20.583		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.333		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	196927	7.705				
1146-65-2	Naphthalene-d8	751088	10.463				
15067-26-2	Acenaphthene-d10	553759	14.31				
1517-22-2	Phenanthrene-d10	1221130	17.11				
1719-03-5	Chrysene-d12	1243610	21.539				
1520-96-3	Perylene-d12	1524592	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-02-6	Cyclopentasiloxane, decamethyl-	280	J			9.257	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.193	
013029-08-8	1,1-Biphenyl, 2,2-dichloro-	130	J			15.581	
000057-10-3	n-Hexadecanoic acid	130	J			18.039	
	(DEL) Alkane: Straight-Chain21.210	200	J			21.21	
E966796	Total Alkanes	200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER7	SDG No.:	BP100924
Lab Sample ID:	P4162-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.3
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
BP022288.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	13	130	ug/Kg
100-52-7	Benzaldehyde	88	U	88	160	650	ug/Kg
110-86-1	Pyridine	65	U	65	320	650	ug/Kg
108-95-2	Phenol	85	U	85	160	650	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	79	U	79	160	650	ug/Kg
95-57-8	2-Chlorophenol	45	U	45	83.5	330	ug/Kg
95-48-7	2-Methylphenol	77	U	77	160	650	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	650	ug/Kg
98-86-2	Acetophenone	150	J	79	160	650	ug/Kg
106-44-5	4-Methylphenol	73	U	73	160	650	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	83.5	330	ug/Kg
67-72-1	Hexachloroethane	35	U	35	83.5	330	ug/Kg
98-95-3	Nitrobenzene	61	U	61	83.5	330	ug/Kg
78-59-1	Isophorone	94	U	94	83.5	330	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	83.5	330	ug/Kg
105-67-9	2,4-Dimethylphenol	49	U	49	83.5	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	85	U	85	83.5	330	ug/Kg
120-83-2	2,4-Dichlorophenol	31	U	31	83.5	330	ug/Kg
91-20-3	Naphthalene	49	U	49	83.5	330	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	83.5	650	ug/Kg
87-68-3	Hexachlorobutadiene	86	U	86	83.5	330	ug/Kg
105-60-2	Caprolactam	140	U	140	160	650	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96	U	96	83.5	330	ug/Kg
90-12-0	1-Methylnaphthalene	65	U	65	83.5	330	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	83.5	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	160	650	ug/Kg
88-06-2	2,4,6-Trichlorophenol	96	U	96	83.5	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77	U	77	83.5	330	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER7	SDG No.:	BP100924
Lab Sample ID:	P4162-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.3
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
BP022288.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	47	U	47	83.5	330	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	83.5	330	ug/Kg
88-74-4	2-Nitroaniline	81	U	81	83.5	330	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	83.5	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	86	U	86	83.5	330	ug/Kg
208-96-8	Acenaphthylene	63	U	63	83.5	330	ug/Kg
99-09-2	3-Nitroaniline	86	U	86	160	650	ug/Kg
83-32-9	Acenaphthene	57	U	57	83.5	330	ug/Kg
51-28-5	2,4-Dinitrophenol	94	U	94	160	650	ug/Kg
100-02-7	4-Nitrophenol	86	U	86	160	650	ug/Kg
132-64-9	Dibenzofuran	63	U	63	83.5	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	85	U	85	83.5	330	ug/Kg
84-66-2	Diethylphthalate	59	U	59	83.5	330	ug/Kg
86-73-7	Fluorene	49	U	49	83.5	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39	U	39	83.5	330	ug/Kg
100-01-6	4-Nitroaniline	61	U	61	160	650	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	650	ug/Kg
86-30-6	N-Nitrosodiphenylamine	65	U	65	83.5	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	47	83.5	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	83.5	330	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	83.5	330	ug/Kg
1912-24-9	Atrazine	140	U	140	160	650	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	160	650	ug/Kg
85-01-8	Phenanthrene	320	J	57	83.5	330	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	83.5	330	ug/Kg
120-12-7	Anthracene	49	U	49	83.5	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	98	U	98	83.5	330	ug/Kg
86-74-8	Carbazole	55	U	55	160	650	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	83.5	330	ug/Kg
206-44-0	Fluoranthene	680		110	160	330	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER7	SDG No.:	BP100924
Lab Sample ID:	P4162-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.3
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
BP022288.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	380		96	83.5	330	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	170	83.5	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	94	U	94	160	650	ug/Kg
56-55-3	Benzo(a)anthracene	270	J	53	83.5	330	ug/Kg
218-01-9	Chrysene	300	J	61	83.5	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	83.5	330	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	160	650	ug/Kg
205-99-2	Benzo(b)fluoranthene	370		65	83.5	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	75	83.5	330	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	63	83.5	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91	J	61	83.5	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	83.5	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	83.5	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	83.5	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.462		15-120		18	SPK: -8
7291-22-7	Pyridine-d5	0.831	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	9.607		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.425		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.745		15-120		27	SPK: -40
190780-66-6	4-Methylphenol-d8	8.354		10-140		21	SPK: -40
4165-60-0	Nitrobenzene-d5	10.546		10-135		26	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.044		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.637		10-140		27	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.751		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.963		10-145		27	SPK: -40
93951-97-4	Acenaphthylene-d8	10.906		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.33		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	11.305		20-140		28	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER7	SDG No.:	BP100924
Lab Sample ID:	P4162-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.3
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
BP022288.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.237		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	10.915		10-150		27	SPK: -40
1718-52-1	Pyrene-d10	9.876		10-130		25	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.191		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	187148	7.705				
1146-65-2	Naphthalene-d8	745296	10.457				
15067-26-2	Acenaphthene-d10	601138	14.316				
1517-22-2	Phenanthrene-d10	1421222	17.116				
1719-03-5	Chrysene-d12	1373836	21.551				
1520-96-3	Perylene-d12	1577530	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
001762-27-2	Plumbane, diethyldimethyl-	260	J			9.257	
000057-10-3	n-Hexadecanoic acid	250	J			18.051	
	(DEL) Alkane: Straight-Chain	21.216	J			21.216	
	(DEL) Alkane: Straight-Chain	22.427	J			22.427	
	(DEL) Alkane: Straight-Chain	23.974	J			23.974	
E966796	Total Alkanes	960				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES8	SDG No.:	BP100924
Lab Sample ID:	P4162-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.7
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
BP022289.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21	U	21	12.8	130	ug/Kg
110-86-1	Pyridine	64	U	64	320	640	ug/Kg
100-52-7	Benzaldehyde	87	U	87	160	640	ug/Kg
108-95-2	Phenol	84	U	84	160	640	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	78	U	78	160	640	ug/Kg
95-57-8	2-Chlorophenol	45	U	45	82.6	330	ug/Kg
95-48-7	2-Methylphenol	76	U	76	160	640	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	640	ug/Kg
98-86-2	Acetophenone	78	U	78	160	640	ug/Kg
106-44-5	4-Methylphenol	72	U	72	160	640	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	99	U	99	82.6	330	ug/Kg
67-72-1	Hexachloroethane	35	U	35	82.6	330	ug/Kg
98-95-3	Nitrobenzene	60	U	60	82.6	330	ug/Kg
78-59-1	Isophorone	93	U	93	82.6	330	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	82.6	330	ug/Kg
105-67-9	2,4-Dimethylphenol	49	U	49	82.6	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	84	U	84	82.6	330	ug/Kg
120-83-2	2,4-Dichlorophenol	31	U	31	82.6	330	ug/Kg
91-20-3	Naphthalene	49	U	49	82.6	330	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	82.6	640	ug/Kg
87-68-3	Hexachlorobutadiene	85	U	85	82.6	330	ug/Kg
105-60-2	Caprolactam	140	U	140	160	640	ug/Kg
59-50-7	4-Chloro-3-methylphenol	95	U	95	82.6	330	ug/Kg
90-12-0	1-Methylnaphthalene	64	U	64	82.6	330	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	82.6	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	160	640	ug/Kg
88-06-2	2,4,6-Trichlorophenol	95	U	95	82.6	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	76	U	76	82.6	330	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES8	SDG No.:	BP100924
Lab Sample ID:	P4162-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.7
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
BP022289.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	47	U	47	82.6	330	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	82.6	330	ug/Kg
88-74-4	2-Nitroaniline	80	U	80	82.6	330	ug/Kg
131-11-3	Dimethylphthalate	56	U	56	82.6	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	85	U	85	82.6	330	ug/Kg
208-96-8	Acenaphthylene	62	U	62	82.6	330	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	160	640	ug/Kg
83-32-9	Acenaphthene	56	U	56	82.6	330	ug/Kg
51-28-5	2,4-Dinitrophenol	93	U	93	160	640	ug/Kg
100-02-7	4-Nitrophenol	85	U	85	160	640	ug/Kg
132-64-9	Dibenzofuran	62	U	62	82.6	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	84	U	84	82.6	330	ug/Kg
84-66-2	Diethylphthalate	58	U	58	82.6	330	ug/Kg
86-73-7	Fluorene	49	U	49	82.6	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39	U	39	82.6	330	ug/Kg
100-01-6	4-Nitroaniline	60	U	60	160	640	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	640	ug/Kg
86-30-6	N-Nitrosodiphenylamine	64	U	64	82.6	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	47	82.6	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	82.6	330	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	82.6	330	ug/Kg
1912-24-9	Atrazine	140	U	140	160	640	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	160	640	ug/Kg
85-01-8	Phenanthrene	84	J	56	82.6	330	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	82.6	330	ug/Kg
120-12-7	Anthracene	49	U	49	82.6	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	97	U	97	82.6	330	ug/Kg
86-74-8	Carbazole	54	U	54	160	640	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	82.6	330	ug/Kg
206-44-0	Fluoranthene	160	J	100	160	330	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES8	SDG No.:	BP100924
Lab Sample ID:	P4162-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.7
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
BP022289.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	J	95	82.6	330	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	82.6	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	93	U	93	160	640	ug/Kg
56-55-3	Benzo(a)anthracene	78	J	52	82.6	330	ug/Kg
218-01-9	Chrysene	90	J	60	82.6	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	82.6	330	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	160	640	ug/Kg
205-99-2	Benzo(b)fluoranthene	99	J	64	82.6	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	74	U	74	82.6	330	ug/Kg
50-32-8	Benzo(a)pyrene	79	J	62	82.6	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	60	U	60	82.6	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54	U	54	82.6	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	82.6	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64	U	64	82.6	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.836		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	9.081		20-120		23	SPK: -40
4165-62-2	Phenol-d5	12.715		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.164		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.815		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	13.441		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	14.733		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.27		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.138		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.568		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.612		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	16.151		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.328		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	15.335		20-140		38	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES8	SDG No.:	BP100924
Lab Sample ID:	P4162-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.7
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
BP022289.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.691		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	16.565		10-150		41	SPK: -40
1718-52-1	Pyrene-d10	16.733		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.78		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	184200	7.704				
1146-65-2	Naphthalene-d8	667046	10.463				
15067-26-2	Acenaphthene-d10	447991	14.31				
1517-22-2	Phenanthrene-d10	940407	17.116				
1719-03-5	Chrysene-d12	1069307	21.539				
1520-96-3	Perylene-d12	1332464	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-02-6	Cyclopentasiloxane, decamethyl-	230	J			9.257	
000057-10-3	n-Hexadecanoic acid	140	J			18.045	
	unknown-01	140	J			19.004	
1000406-04-8	Pentadecafluorooctanoic acid, octa	200	J			21.215	
E966796	Total Alkanes	47	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER8	SDG No.:	BP100924
Lab Sample ID:	P4162-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022290.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	23	U	23	13.8	140	ug/Kg
100-52-7	Benzaldehyde	94	U	94	170	690	ug/Kg
110-86-1	Pyridine	69	U	69	340	690	ug/Kg
108-95-2	Phenol	90	U	90	170	690	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	84	U	84	170	690	ug/Kg
95-57-8	2-Chlorophenol	48	U	48	88.7	350	ug/Kg
95-48-7	2-Methylphenol	81	U	81	170	690	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	170	690	ug/Kg
98-86-2	Acetophenone	140	J	84	170	690	ug/Kg
106-44-5	4-Methylphenol	77	U	77	170	690	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	88.7	350	ug/Kg
67-72-1	Hexachloroethane	38	U	38	88.7	350	ug/Kg
98-95-3	Nitrobenzene	65	U	65	88.7	350	ug/Kg
78-59-1	Isophorone	100	U	100	88.7	350	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	88.7	350	ug/Kg
105-67-9	2,4-Dimethylphenol	52	U	52	88.7	350	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	90	U	90	88.7	350	ug/Kg
120-83-2	2,4-Dichlorophenol	33	U	33	88.7	350	ug/Kg
91-20-3	Naphthalene	52	U	52	88.7	350	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	88.7	690	ug/Kg
87-68-3	Hexachlorobutadiene	92	U	92	88.7	350	ug/Kg
105-60-2	Caprolactam	150	U	150	170	690	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	88.7	350	ug/Kg
90-12-0	1-Methylnaphthalene	69	U	69	88.7	350	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	88.7	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	170	690	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	88.7	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81	U	81	88.7	350	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER8	SDG No.:	BP100924
Lab Sample ID:	P4162-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022290.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	50	U	50	88.7	350	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	88.7	350	ug/Kg
88-74-4	2-Nitroaniline	86	U	86	88.7	350	ug/Kg
131-11-3	Dimethylphthalate	61	U	61	88.7	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	92	U	92	88.7	350	ug/Kg
208-96-8	Acenaphthylene	67	U	67	88.7	350	ug/Kg
99-09-2	3-Nitroaniline	92	U	92	170	690	ug/Kg
83-32-9	Acenaphthene	61	U	61	88.7	350	ug/Kg
51-28-5	2,4-Dinitrophenol	100	U	100	170	690	ug/Kg
100-02-7	4-Nitrophenol	92	U	92	170	690	ug/Kg
132-64-9	Dibenzofuran	67	U	67	88.7	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	90	U	90	88.7	350	ug/Kg
84-66-2	Diethylphthalate	63	U	63	88.7	350	ug/Kg
86-73-7	Fluorene	52	U	52	88.7	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	42	U	42	88.7	350	ug/Kg
100-01-6	4-Nitroaniline	65	U	65	170	690	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	170	690	ug/Kg
86-30-6	N-Nitrosodiphenylamine	69	U	69	88.7	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	88.7	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	61	U	61	88.7	350	ug/Kg
118-74-1	Hexachlorobenzene	67	U	67	88.7	350	ug/Kg
1912-24-9	Atrazine	150	U	150	170	690	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	170	690	ug/Kg
85-01-8	Phenanthrene	360		61	88.7	350	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	88.7	350	ug/Kg
120-12-7	Anthracene	70	J	52	88.7	350	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	100	U	100	88.7	350	ug/Kg
86-74-8	Carbazole	58	U	58	170	690	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	88.7	350	ug/Kg
206-44-0	Fluoranthene	710		110	170	350	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER8	SDG No.:	BP100924
Lab Sample ID:	P4162-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022290.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	400		100	88.7	350	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	88.7	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	170	690	ug/Kg
56-55-3	Benzo(a)anthracene	290	J	56	88.7	350	ug/Kg
218-01-9	Chrysene	340	J	65	88.7	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	400		200	88.7	350	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	170	690	ug/Kg
205-99-2	Benzo(b)fluoranthene	400		69	88.7	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	79	88.7	350	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	67	88.7	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	65	88.7	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	U	58	88.7	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	88.7	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	69	U	69	88.7	350	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.469		15-120		18	SPK: -8
7291-22-7	Pyridine-d5	0.841	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	8.871		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.399		10-150		23	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.832		15-120		25	SPK: -40
190780-66-6	4-Methylphenol-d8	7.879		10-140		20	SPK: -40
4165-60-0	Nitrobenzene-d5	10.206		10-135		26	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.343		10-120		26	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.747		10-140		24	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.001		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.044		10-145		25	SPK: -40
93951-97-4	Acenaphthylene-d8	10.559		15-120		26	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.454		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	10.509		20-140		26	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER8	SDG No.:	BP100924
Lab Sample ID:	P4162-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	52.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022290.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.368		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	10.124		10-150		25	SPK: -40
1718-52-1	Pyrene-d10	8.678		10-130		22	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.51		10-140		14	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182797	7.704				
1146-65-2	Naphthalene-d8	667027	10.469				
15067-26-2	Acenaphthene-d10	469421	14.316				
1517-22-2	Phenanthrene-d10	1102436	17.11				
1719-03-5	Chrysene-d12	1185922	21.551				
1520-96-3	Perylene-d12	1445728	24.851				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-02-6	Cyclopentasiloxane, decamethyl-	310	J			9.263	
000057-10-3	n-Hexadecanoic acid	190	J			18.051	
1000351-81-5	Tetratriacontyl pentafluoropropion	260	J			21.221	
	(DEL) Alkane: Straight-Chain22.421	600	J			22.421	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	150	J			22.804	
	(DEL) Alkane: Straight-Chain23.992	640	J			23.992	
072934-04-4	Nonacosanal	360	J			25.509	
E966796	Total Alkanes	1200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES4	SDG No.:	BP100924
Lab Sample ID:	P4162-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.2
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
BP022291.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	24	U	24	14.4	150	ug/Kg
100-52-7	Benzaldehyde	98	U	98	180	720	ug/Kg
110-86-1	Pyridine	72	U	72	360	720	ug/Kg
108-95-2	Phenol	94	U	94	180	720	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	87	U	87	180	720	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	92.8	370	ug/Kg
95-48-7	2-Methylphenol	85	U	85	180	720	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	720	ug/Kg
98-86-2	Acetophenone	140	J	87	180	720	ug/Kg
106-44-5	4-Methylphenol	81	U	81	180	720	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	92.8	370	ug/Kg
67-72-1	Hexachloroethane	39	U	39	92.8	370	ug/Kg
98-95-3	Nitrobenzene	68	U	68	92.8	370	ug/Kg
78-59-1	Isophorone	100	U	100	92.8	370	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	92.8	370	ug/Kg
105-67-9	2,4-Dimethylphenol	55	U	55	92.8	370	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	94	U	94	92.8	370	ug/Kg
120-83-2	2,4-Dichlorophenol	35	U	35	92.8	370	ug/Kg
91-20-3	Naphthalene	55	U	55	92.8	370	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	92.8	720	ug/Kg
87-68-3	Hexachlorobutadiene	96	U	96	92.8	370	ug/Kg
105-60-2	Caprolactam	160	U	160	180	720	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	92.8	370	ug/Kg
90-12-0	1-Methylnaphthalene	72	U	72	92.8	370	ug/Kg
91-57-6	2-Methylnaphthalene	50	U	50	92.8	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	180	720	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	92.8	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	85	U	85	92.8	370	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES4	SDG No.:	BP100924
Lab Sample ID:	P4162-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.2
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
BP022291.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	92.8	370	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	92.8	370	ug/Kg
88-74-4	2-Nitroaniline	90	U	90	92.8	370	ug/Kg
131-11-3	Dimethylphthalate	63	U	63	92.8	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	96	U	96	92.8	370	ug/Kg
208-96-8	Acenaphthylene	70	U	70	92.8	370	ug/Kg
99-09-2	3-Nitroaniline	96	U	96	180	720	ug/Kg
83-32-9	Acenaphthene	63	U	63	92.8	370	ug/Kg
51-28-5	2,4-Dinitrophenol	100	U	100	180	720	ug/Kg
100-02-7	4-Nitrophenol	96	U	96	180	720	ug/Kg
132-64-9	Dibenzofuran	70	U	70	92.8	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	94	U	94	92.8	370	ug/Kg
84-66-2	Diethylphthalate	66	U	66	92.8	370	ug/Kg
86-73-7	Fluorene	55	U	55	92.8	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	44	U	44	92.8	370	ug/Kg
100-01-6	4-Nitroaniline	68	U	68	180	720	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	U	170	180	720	ug/Kg
86-30-6	N-Nitrosodiphenylamine	72	U	72	92.8	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	92.8	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63	U	63	92.8	370	ug/Kg
118-74-1	Hexachlorobenzene	70	U	70	92.8	370	ug/Kg
1912-24-9	Atrazine	160	U	160	180	720	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	180	720	ug/Kg
85-01-8	Phenanthrene	250	J	63	92.8	370	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	92.8	370	ug/Kg
120-12-7	Anthracene	55	U	55	92.8	370	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	110	U	110	92.8	370	ug/Kg
86-74-8	Carbazole	61	U	61	180	720	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	92.8	370	ug/Kg
206-44-0	Fluoranthene	600		120	180	370	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES4	SDG No.:	BP100924
Lab Sample ID:	P4162-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.2
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
BP022291.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	350	J	110	92.8	370	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	92.8	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	180	720	ug/Kg
56-55-3	Benzo(a)anthracene	230	J	59	92.8	370	ug/Kg
218-01-9	Chrysene	310	J	68	92.8	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210	U	210	92.8	370	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	180	720	ug/Kg
205-99-2	Benzo(b)fluoranthene	400		72	92.8	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	83	92.8	370	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	70	92.8	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	68	92.8	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	61	U	61	92.8	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	57	92.8	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	72	U	72	92.8	370	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.594		15-120		20	SPK: -8
7291-22-7	Pyridine-d5	0.789	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	8.612		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.139		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.457		15-120		26	SPK: -40
190780-66-6	4-Methylphenol-d8	7.484		10-140		19	SPK: -40
4165-60-0	Nitrobenzene-d5	10.829		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.701		10-120		27	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.275		10-140		26	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.909		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.889		10-145		27	SPK: -40
93951-97-4	Acenaphthylene-d8	10.933		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.327		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	11.296		20-140		28	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES4	SDG No.:	BP100924
Lab Sample ID:	P4162-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.2
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
BP022291.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.02		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	11.447		10-150		29	SPK: -40
1718-52-1	Pyrene-d10	9.907		10-130		25	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.388		10-140		16	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	175151	7.705				
1146-65-2	Naphthalene-d8	652680	10.463				
15067-26-2	Acenaphthene-d10	480245	14.316				
1517-22-2	Phenanthrene-d10	1152037	17.11				
1719-03-5	Chrysene-d12	1239764	21.539				
1520-96-3	Perylene-d12	1515470	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-02-6	Cyclopentasiloxane, decamethyl-	270	J			9.257	
000057-10-3	n-Hexadecanoic acid	200	J			18.039	
086711-81-1	2- Chloropropionic acid, hexadecyl	190	J			21.204	
E966796	Total Alkanes	52	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES7	SDG No.:	BP100924
Lab Sample ID:	P4162-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.5
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022292.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	13.1	130	ug/Kg
100-52-7	Benzaldehyde	89	U	89	160	650	ug/Kg
110-86-1	Pyridine	65	U	65	330	650	ug/Kg
108-95-2	Phenol	85	U	85	160	650	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	79	U	79	160	650	ug/Kg
95-57-8	2-Chlorophenol	46	U	46	84.2	340	ug/Kg
95-48-7	2-Methylphenol	77	U	77	160	650	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	650	ug/Kg
98-86-2	Acetophenone	97	J	79	160	650	ug/Kg
106-44-5	4-Methylphenol	73	U	73	160	650	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	84.2	340	ug/Kg
67-72-1	Hexachloroethane	36	U	36	84.2	340	ug/Kg
98-95-3	Nitrobenzene	61	U	61	84.2	340	ug/Kg
78-59-1	Isophorone	95	U	95	84.2	340	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	84.2	340	ug/Kg
105-67-9	2,4-Dimethylphenol	50	U	50	84.2	340	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	85	U	85	84.2	340	ug/Kg
120-83-2	2,4-Dichlorophenol	32	U	32	84.2	340	ug/Kg
91-20-3	Naphthalene	50	U	50	84.2	340	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	84.2	650	ug/Kg
87-68-3	Hexachlorobutadiene	87	U	87	84.2	340	ug/Kg
105-60-2	Caprolactam	140	U	140	160	650	ug/Kg
59-50-7	4-Chloro-3-methylphenol	97	U	97	84.2	340	ug/Kg
90-12-0	1-Methylnaphthalene	65	U	65	84.2	340	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	84.2	340	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	160	650	ug/Kg
88-06-2	2,4,6-Trichlorophenol	97	U	97	84.2	340	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77	U	77	84.2	340	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES7	SDG No.:	BP100924
Lab Sample ID:	P4162-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.5
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
BP022292.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	84.2	340	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	84.2	340	ug/Kg
88-74-4	2-Nitroaniline	81	U	81	84.2	340	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	84.2	340	ug/Kg
606-20-2	2,6-Dinitrotoluene	87	U	87	84.2	340	ug/Kg
208-96-8	Acenaphthylene	63	U	63	84.2	340	ug/Kg
99-09-2	3-Nitroaniline	87	U	87	160	650	ug/Kg
83-32-9	Acenaphthene	57	U	57	84.2	340	ug/Kg
51-28-5	2,4-Dinitrophenol	95	U	95	160	650	ug/Kg
100-02-7	4-Nitrophenol	87	U	87	160	650	ug/Kg
132-64-9	Dibenzofuran	63	U	63	84.2	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	85	U	85	84.2	340	ug/Kg
84-66-2	Diethylphthalate	59	U	59	84.2	340	ug/Kg
86-73-7	Fluorene	50	U	50	84.2	340	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	40	U	40	84.2	340	ug/Kg
100-01-6	4-Nitroaniline	61	U	61	160	650	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	650	ug/Kg
86-30-6	N-Nitrosodiphenylamine	65	U	65	84.2	340	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	48	U	48	84.2	340	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	84.2	340	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	84.2	340	ug/Kg
1912-24-9	Atrazine	140	U	140	160	650	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	160	650	ug/Kg
85-01-8	Phenanthrene	400		57	84.2	340	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	84.2	340	ug/Kg
120-12-7	Anthracene	76	J	50	84.2	340	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	99	U	99	84.2	340	ug/Kg
86-74-8	Carbazole	55	U	55	160	650	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	84.2	340	ug/Kg
206-44-0	Fluoranthene	1200		110	160	340	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES7	SDG No.:	BP100924
Lab Sample ID:	P4162-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.5
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
BP022292.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	680		97	84.2	340	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	170	84.2	340	ug/Kg
91-94-1	3,3-Dichlorobenzidine	95	U	95	160	650	ug/Kg
56-55-3	Benzo(a)anthracene	450		53	84.2	340	ug/Kg
218-01-9	Chrysene	640		61	84.2	340	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270	J	190	84.2	340	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	160	650	ug/Kg
205-99-2	Benzo(b)fluoranthene	840		65	84.2	340	ug/Kg
207-08-9	Benzo(k)fluoranthene	310	J	75	84.2	340	ug/Kg
50-32-8	Benzo(a)pyrene	240	J	63	84.2	340	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	J	61	84.2	340	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	55	84.2	340	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	84.2	340	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	84.2	340	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.359		15-120		17	SPK: -8
7291-22-7	Pyridine-d5	0.827	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	6.908		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.833		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.06		15-120		23	SPK: -40
190780-66-6	4-Methylphenol-d8	4.502		10-140		11	SPK: -40
4165-60-0	Nitrobenzene-d5	10.363		10-135		26	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.238		10-120		26	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.943		10-140		22	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.825		1-145		5	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.706		10-145		27	SPK: -40
93951-97-4	Acenaphthylene-d8	10.966		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.311	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	11.203		20-140		28	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ES7	SDG No.:	BP100924
Lab Sample ID:	P4162-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.5
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
BP022292.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.016		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	11.14		10-150		28	SPK: -40
1718-52-1	Pyrene-d10	10.155		10-130		25	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.094		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174876	7.705				
1146-65-2	Naphthalene-d8	657888	10.463				
15067-26-2	Acenaphthene-d10	486960	14.316				
1517-22-2	Phenanthrene-d10	1111059	17.116				
1719-03-5	Chrysene-d12	1078198	21.551				
1520-96-3	Perylene-d12	1324852	24.857				
TENTATIVE IDENTIFIED COMPOUNDS							
000541-02-6	Cyclopentasiloxane, decamethyl-	270	J			9.258	
000057-10-3	n-Hexadecanoic acid	330	J			18.057	
000203-64-5	4H-Cyclopenta[def]phenanthrene	150	J			18.222	
	(DEL) Alkane: Straight-Chain	280	J			21.222	
000198-55-0	Perylene	380	J			24.057	
E966796	Total Alkanes	280				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ3	SDG No.:	BP100924
Lab Sample ID:	P4162-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34
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
BP022293.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	10	100	ug/Kg
100-52-7	Benzaldehyde	68	U	68	120	500	ug/Kg
110-86-1	Pyridine	50	U	50	250	500	ug/Kg
108-95-2	Phenol	65	U	65	120	500	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	60	U	60	120	500	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	64.2	260	ug/Kg
95-48-7	2-Methylphenol	59	U	59	120	500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	91	U	91	120	500	ug/Kg
98-86-2	Acetophenone	73	J	60	120	500	ug/Kg
106-44-5	4-Methylphenol	56	U	56	120	500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	77	U	77	64.2	260	ug/Kg
67-72-1	Hexachloroethane	27	U	27	64.2	260	ug/Kg
98-95-3	Nitrobenzene	47	U	47	64.2	260	ug/Kg
78-59-1	Isophorone	72	U	72	64.2	260	ug/Kg
88-75-5	2-Nitrophenol	47	U	47	64.2	260	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	64.2	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	65	U	65	64.2	260	ug/Kg
120-83-2	2,4-Dichlorophenol	24	U	24	64.2	260	ug/Kg
91-20-3	Naphthalene	38	U	38	64.2	260	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	64.2	500	ug/Kg
87-68-3	Hexachlorobutadiene	66	U	66	64.2	260	ug/Kg
105-60-2	Caprolactam	110	U	110	120	500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	74	U	74	64.2	260	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	64.2	260	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	64.2	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74	U	74	64.2	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	64.2	260	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ3	SDG No.:	BP100924
Lab Sample ID:	P4162-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34
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
BP022293.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	36	U	36	64.2	260	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	64.2	260	ug/Kg
88-74-4	2-Nitroaniline	62	U	62	64.2	260	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	64.2	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	66	U	66	64.2	260	ug/Kg
208-96-8	Acenaphthylene	75	J	48	64.2	260	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	120	500	ug/Kg
83-32-9	Acenaphthene	53	J	44	64.2	260	ug/Kg
51-28-5	2,4-Dinitrophenol	72	U	72	120	500	ug/Kg
100-02-7	4-Nitrophenol	66	U	66	120	500	ug/Kg
132-64-9	Dibenzofuran	48	U	48	64.2	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	65	U	65	64.2	260	ug/Kg
84-66-2	Diethylphthalate	45	U	45	64.2	260	ug/Kg
86-73-7	Fluorene	62	J	38	64.2	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30	U	30	64.2	260	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	120	500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	120	500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	64.2	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	64.2	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	44	U	44	64.2	260	ug/Kg
118-74-1	Hexachlorobenzene	48	U	48	64.2	260	ug/Kg
1912-24-9	Atrazine	110	U	110	120	500	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	500	ug/Kg
85-01-8	Phenanthrene	940		44	64.2	260	ug/Kg
608-93-5	Pentachlorobenzene	79	U	79	64.2	260	ug/Kg
120-12-7	Anthracene	190	J	38	64.2	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	76	U	76	64.2	260	ug/Kg
86-74-8	Carbazole	87	J	42	120	500	ug/Kg
84-74-2	Di-n-butylphthalate	92	U	92	64.2	260	ug/Kg
206-44-0	Fluoranthene	2200		82	120	260	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ3	SDG No.:	BP100924
Lab Sample ID:	P4162-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34
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
BP022293.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		74	64.2	260	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	64.2	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72	U	72	120	500	ug/Kg
56-55-3	Benzo(a)anthracene	820		41	64.2	260	ug/Kg
218-01-9	Chrysene	1000		47	64.2	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	370		140	64.2	260	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	500	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		50	64.2	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	420		57	64.2	260	ug/Kg
50-32-8	Benzo(a)pyrene	410		48	64.2	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	340		47	64.2	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	J	42	64.2	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	64.2	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	50	64.2	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.553		15-120		19	SPK: -8
7291-22-7	Pyridine-d5	0.519	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	10.625		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.586		10-150		29	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.086		15-120		30	SPK: -40
190780-66-6	4-Methylphenol-d8	7.671		10-140		19	SPK: -40
4165-60-0	Nitrobenzene-d5	12.202		10-135		31	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.027		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.019		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.767		1-145		4	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.87		10-145		32	SPK: -40
93951-97-4	Acenaphthylene-d8	12.824		15-120		32	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.026		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	13.193		20-140		33	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ3	SDG No.:	BP100924
Lab Sample ID:	P4162-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34
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
BP022293.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.63		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	13.731		10-150		34	SPK: -40
1718-52-1	Pyrene-d10	12.196		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.613		10-140		19	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	176861	7.705				
1146-65-2	Naphthalene-d8	697221	10.463				
15067-26-2	Acenaphthene-d10	530739	14.316				
1517-22-2	Phenanthrene-d10	1194220	17.116				
1719-03-5	Chrysene-d12	1093475	21.563				
1520-96-3	Perylene-d12	1312652	24.857				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	190	J			15.686	
000057-10-3	n-Hexadecanoic acid	790	J			18.051	
000203-64-5	4H-Cyclopenta[def]phenanthrene	300	J			18.222	
000612-94-2	Naphthalene, 2-phenyl-	110	J			18.539	
000084-65-1	9,10-Anthracenedione	160	J			18.58	
003674-66-6	Phenanthrene, 2,5-dimethyl-	110	J			18.98	
005737-13-3	Cyclopenta(def)phenanthrenone	150	J			19.116	
000243-17-4	11H-Benzo[b]fluorene	140	J			20.145	
	(DEL) Alkane: Straight-Chain21.221	240	J			21.221	
	(DEL) Alkane: Straight-Chain23.980	270	J			23.98	
E966796	Total Alkanes	510				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ5	SDG No.:	BP100924
Lab Sample ID:	P4162-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022294.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.7	88	ug/Kg
110-86-1	Pyridine	43	U	43	220	430	ug/Kg
100-52-7	Benzaldehyde	59	U	59	110	430	ug/Kg
108-95-2	Phenol	57	U	57	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	53	U	53	110	430	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	56	220	ug/Kg
95-48-7	2-Methylphenol	51	U	51	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	79	U	79	110	430	ug/Kg
98-86-2	Acetophenone	57	J	53	110	430	ug/Kg
106-44-5	4-Methylphenol	49	U	49	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	67	U	67	56	220	ug/Kg
67-72-1	Hexachloroethane	24	U	24	56	220	ug/Kg
98-95-3	Nitrobenzene	41	U	41	56	220	ug/Kg
78-59-1	Isophorone	63	U	63	56	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	56	220	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	56	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	56	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	56	220	ug/Kg
91-20-3	Naphthalene	62	J	33	56	220	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	56	430	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	56	220	ug/Kg
105-60-2	Caprolactam	95	U	95	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	65	U	65	56	220	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	56	220	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	56	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	56	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	56	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ5	SDG No.:	BP100924
Lab Sample ID:	P4162-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022294.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	56	220	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	56	220	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	56	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	56	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	56	220	ug/Kg
208-96-8	Acenaphthylene	95	J	42	56	220	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	110	430	ug/Kg
83-32-9	Acenaphthene	90	J	38	56	220	ug/Kg
51-28-5	2,4-Dinitrophenol	63	U	63	110	430	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	430	ug/Kg
132-64-9	Dibenzofuran	47	J	42	56	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	56	220	ug/Kg
84-66-2	Diethylphthalate	40	U	40	56	220	ug/Kg
86-73-7	Fluorene	97	J	33	56	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	56	220	ug/Kg
100-01-6	4-Nitroaniline	41	U	41	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	43	U	43	56	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	56	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	56	220	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	56	220	ug/Kg
1912-24-9	Atrazine	94	U	94	110	430	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	110	430	ug/Kg
85-01-8	Phenanthrene	1300		38	56	220	ug/Kg
608-93-5	Pentachlorobenzene	69	U	69	56	220	ug/Kg
120-12-7	Anthracene	260		33	56	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	66	U	66	56	220	ug/Kg
86-74-8	Carbazole	110	J	37	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	80	U	80	56	220	ug/Kg
206-44-0	Fluoranthene	2400		71	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ5	SDG No.:	BP100924
Lab Sample ID:	P4162-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022294.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		65	56	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	56	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	960		36	56	220	ug/Kg
218-01-9	Chrysene	1200		41	56	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	480		130	56	220	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		43	56	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	460		50	56	220	ug/Kg
50-32-8	Benzo(a)pyrene	470		42	56	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410		41	56	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	J	37	56	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64	J	34	56	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	56	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.526		15-120		19	SPK: -8
7291-22-7	Pyridine-d5	0.456	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	10.245		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.494		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.34		15-120		28	SPK: -40
190780-66-6	4-Methylphenol-d8	8.689		10-140		22	SPK: -40
4165-60-0	Nitrobenzene-d5	11.596		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.161		10-120		30	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.453		10-140		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.687		1-145		2	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.147		10-145		30	SPK: -40
93951-97-4	Acenaphthylene-d8	12.182		15-120		30	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.45		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	11.989		20-140		30	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ5	SDG No.:	BP100924
Lab Sample ID:	P4162-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022294.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.519		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	12.494		10-150		31	SPK: -40
1718-52-1	Pyrene-d10	11.091		10-130		28	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.925		10-140		17	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	170952	7.705				
1146-65-2	Naphthalene-d8	626295	10.463				
15067-26-2	Acenaphthene-d10	430265	14.316				
1517-22-2	Phenanthrene-d10	909901	17.116				
1719-03-5	Chrysene-d12	871024	21.551				
1520-96-3	Perylene-d12	1062920	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	160	J			15.698	
007372-88-5	Dibenzothiophene, 4-methyl-	95	J			17.722	
000832-69-9	Phenanthrene, 1-methyl-	280	J			18.022	
000057-10-3	n-Hexadecanoic acid	320	J			18.051	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	99	J			18.157	
000203-64-5	4H-Cyclopenta[def]phenanthrene	410	J			18.222	
000256-81-5	5H-Dibenzo[a,d]cycloheptene	97	J			18.257	
000612-94-2	Naphthalene, 2-phenyl-	150	J			18.533	
000084-65-1	9,10-Anthracenedione	230	J			18.58	
003674-66-6	Phenanthrene, 2,5-dimethyl-	120	J			18.974	
002789-88-0	di-p-Tolylacetylene	90	J			19.022	
005737-13-3	Cyclopenta(def)phenanthrenone	170	J			19.122	
033543-31-6	Fluoranthene, 2-methyl-	120	J			20.145	
1000406-04-6	Pentadecafluorooctanoic acid, hexa	250	J			21.21	
	(DEL) Alkane: Cyclic22.439	300	J			22.439	
	(DEL) Alkane: Straight-Chain23.974	400	J			23.974	
	(DEL) Alkane: Straight-Chain24.033	540	J			24.033	

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ5	SDG No.:	BP100924
Lab Sample ID:	P4162-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022294.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
E966796	Total Alkanes	1200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ1	SDG No.:	BP100924
Lab Sample ID:	P4162-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022295.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	10.4	110	ug/Kg
100-52-7	Benzaldehyde	71	U	71	130	520	ug/Kg
110-86-1	Pyridine	52	U	52	260	520	ug/Kg
108-95-2	Phenol	68	U	68	130	520	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	63	U	63	130	520	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	67	270	ug/Kg
95-48-7	2-Methylphenol	62	U	62	130	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95	U	95	130	520	ug/Kg
98-86-2	Acetophenone	63	U	63	130	520	ug/Kg
106-44-5	4-Methylphenol	58	U	58	130	520	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	80	U	80	67	270	ug/Kg
67-72-1	Hexachloroethane	28	U	28	67	270	ug/Kg
98-95-3	Nitrobenzene	49	U	49	67	270	ug/Kg
78-59-1	Isophorone	76	U	76	67	270	ug/Kg
88-75-5	2-Nitrophenol	49	U	49	67	270	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	67	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	68	U	68	67	270	ug/Kg
120-83-2	2,4-Dichlorophenol	25	U	25	67	270	ug/Kg
91-20-3	Naphthalene	39	U	39	67	270	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	67	520	ug/Kg
87-68-3	Hexachlorobutadiene	69	U	69	67	270	ug/Kg
105-60-2	Caprolactam	110	U	110	130	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77	U	77	67	270	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	67	270	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	67	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77	U	77	67	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	67	270	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ1	SDG No.:	BP100924
Lab Sample ID:	P4162-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022295.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	38	U	38	67	270	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	67	270	ug/Kg
88-74-4	2-Nitroaniline	65	U	65	67	270	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	67	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	69	U	69	67	270	ug/Kg
208-96-8	Acenaphthylene	50	U	50	67	270	ug/Kg
99-09-2	3-Nitroaniline	69	U	69	130	520	ug/Kg
83-32-9	Acenaphthene	46	U	46	67	270	ug/Kg
51-28-5	2,4-Dinitrophenol	76	U	76	130	520	ug/Kg
100-02-7	4-Nitrophenol	69	U	69	130	520	ug/Kg
132-64-9	Dibenzofuran	50	U	50	67	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	68	U	68	67	270	ug/Kg
84-66-2	Diethylphthalate	47	U	47	67	270	ug/Kg
86-73-7	Fluorene	39	U	39	67	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32	U	32	67	270	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	130	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	130	520	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	67	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	67	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	46	U	46	67	270	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	67	270	ug/Kg
1912-24-9	Atrazine	110	U	110	130	520	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	130	520	ug/Kg
85-01-8	Phenanthrene	140	J	46	67	270	ug/Kg
608-93-5	Pentachlorobenzene	82	U	82	67	270	ug/Kg
120-12-7	Anthracene	39	U	39	67	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	79	U	79	67	270	ug/Kg
86-74-8	Carbazole	44	U	44	130	520	ug/Kg
84-74-2	Di-n-butylphthalate	96	U	96	67	270	ug/Kg
206-44-0	Fluoranthene	240	J	85	130	270	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ1	SDG No.:	BP100924
Lab Sample ID:	P4162-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022295.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	220	J	77	67	270	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	67	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	76	U	76	130	520	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	43	67	270	ug/Kg
218-01-9	Chrysene	120	J	49	67	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	67	270	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	52	67	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	60	U	60	67	270	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	50	67	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	62	J	49	67	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	67	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	J	41	67	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	67	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.784		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	13.92		20-120		35	SPK: -40
4165-62-2	Phenol-d5	20.955		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.424		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.198		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.881		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	21.464		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.266		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.705		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.202		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.423		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23.979		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.516		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	24.779		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ1	SDG No.:	BP100924
Lab Sample ID:	P4162-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022295.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.409		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	26.521		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	28.964		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.686		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136613	7.705				
1146-65-2	Naphthalene-d8	543976	10.469				
15067-26-2	Acenaphthene-d10	425856	14.316				
1517-22-2	Phenanthrene-d10	1009383	17.116				
1719-03-5	Chrysene-d12	965504	21.551				
1520-96-3	Perylene-d12	1174447	24.857				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	270	J			15.704	
015862-07-4	1,1-Biphenyl, 2,4,5-trichloro-	120	J			16.634	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	220	J			17.292	
038444-84-7	1,1-Biphenyl, 2,3,3-trichloro-	200	J			17.739	
000057-10-3	n-Hexadecanoic acid	380	J			18.057	
070362-45-7	2,2,3,6-Tetrachloro-1,1-biphenyl	160	J			18.228	
041464-40-8	1,1-Biphenyl, 2,2,4,5-tetrachlo	120	J			18.328	
000057-11-4	Octadecanoic acid	110	J			19.386	
	(DEL) Alkane: Straight-Chain20.686	120	J			20.686	
	(DEL) Alkane: Straight-Chain21.210	270	J			21.21	
E966796	Total Alkanes	390				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ2	SDG No.:	BP100924
Lab Sample ID:	P4162-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.9
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
BP022296.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.9	90	ug/Kg
100-52-7	Benzaldehyde	61	U	61	110	440	ug/Kg
110-86-1	Pyridine	44	U	44	220	440	ug/Kg
108-95-2	Phenol	58	U	58	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	54	U	54	110	440	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	57.2	230	ug/Kg
95-48-7	2-Methylphenol	52	U	52	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	81	U	81	110	440	ug/Kg
98-86-2	Acetophenone	57	J	54	110	440	ug/Kg
106-44-5	4-Methylphenol	50	U	50	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	69	U	69	57.2	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	57.2	230	ug/Kg
98-95-3	Nitrobenzene	42	U	42	57.2	230	ug/Kg
78-59-1	Isophorone	65	U	65	57.2	230	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	57.2	230	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	57.2	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	57.2	230	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	57.2	230	ug/Kg
91-20-3	Naphthalene	34	U	34	57.2	230	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	57.2	440	ug/Kg
87-68-3	Hexachlorobutadiene	59	U	59	57.2	230	ug/Kg
105-60-2	Caprolactam	97	U	97	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	66	U	66	57.2	230	ug/Kg
90-12-0	1-Methylnaphthalene	44	U	44	57.2	230	ug/Kg
91-57-6	2-Methylnaphthalene	31	U	31	57.2	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	66	U	66	57.2	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	57.2	230	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ2	SDG No.:	BP100924
Lab Sample ID:	P4162-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.9
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
BP022296.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	57.2	230	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	57.2	230	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	57.2	230	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	57.2	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	59	U	59	57.2	230	ug/Kg
208-96-8	Acenaphthylene	57	J	43	57.2	230	ug/Kg
99-09-2	3-Nitroaniline	59	U	59	110	440	ug/Kg
83-32-9	Acenaphthene	49	J	39	57.2	230	ug/Kg
51-28-5	2,4-Dinitrophenol	65	U	65	110	440	ug/Kg
100-02-7	4-Nitrophenol	59	U	59	110	440	ug/Kg
132-64-9	Dibenzofuran	43	U	43	57.2	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	58	U	58	57.2	230	ug/Kg
84-66-2	Diethylphthalate	40	U	40	57.2	230	ug/Kg
86-73-7	Fluorene	69	J	34	57.2	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	57.2	230	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	44	U	44	57.2	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	57.2	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39	U	39	57.2	230	ug/Kg
118-74-1	Hexachlorobenzene	43	U	43	57.2	230	ug/Kg
1912-24-9	Atrazine	95	U	95	110	440	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	110	440	ug/Kg
85-01-8	Phenanthrene	810		39	57.2	230	ug/Kg
608-93-5	Pentachlorobenzene	70	U	70	57.2	230	ug/Kg
120-12-7	Anthracene	160	J	34	57.2	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	67	U	67	57.2	230	ug/Kg
86-74-8	Carbazole	59	J	38	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	82	U	82	57.2	230	ug/Kg
206-44-0	Fluoranthene	1300		73	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ2	SDG No.:	BP100924
Lab Sample ID:	P4162-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.9
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
BP022296.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	800		66	57.2	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	57.2	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	530		36	57.2	230	ug/Kg
218-01-9	Chrysene	580		42	57.2	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290		130	57.2	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	680		44	57.2	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	250		51	57.2	230	ug/Kg
50-32-8	Benzo(a)pyrene	240		43	57.2	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	J	42	57.2	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	92	J	38	57.2	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	57.2	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	57.2	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.279		15-120		16	SPK: -8
7291-22-7	Pyridine-d5	0.8	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	9.794		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.085		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.657		15-120		27	SPK: -40
190780-66-6	4-Methylphenol-d8	7.856		10-140		20	SPK: -40
4165-60-0	Nitrobenzene-d5	10.952		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.289		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.487		10-140		26	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.545		1-145		6	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.544		10-145		26	SPK: -40
93951-97-4	Acenaphthylene-d8	10.977		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.22		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	11.154		20-140		28	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ2	SDG No.:	BP100924
Lab Sample ID:	P4162-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022296.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.788		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	11.378		10-150		28	SPK: -40
1718-52-1	Pyrene-d10	10.004		10-130		25	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.243		10-140		16	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149682	7.705				
1146-65-2	Naphthalene-d8	544858	10.463				
15067-26-2	Acenaphthene-d10	403274	14.322				
1517-22-2	Phenanthrene-d10	914994	17.116				
1719-03-5	Chrysene-d12	890253	21.545				
1520-96-3	Perylene-d12	1102772	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	120	J			15.693	
038444-87-0	1,1-Biphenyl, 3,3,5-trichloro-	100	J			17.751	
000832-69-9	Phenanthrene, 1-methyl-	180	J			18.016	
000057-10-3	n-Hexadecanoic acid	400	J			18.051	
018791-75-8	4-Bromothiophene-2-aldehyde	320	J			18.216	
002531-84-2	Phenanthrene, 2-methyl-	140	J			18.251	
000084-65-1	9,10-Anthracenedione	120	J			18.575	
003674-66-6	Phenanthrene, 2,5-dimethyl-	100	J			18.975	
005737-13-3	Cyclopenta(def)phenanthrenone	140	J			19.128	
	(DEL) Alkane: Straight-Chain	21.216	J			21.216	
E966796	Total Alkanes	180				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EH9	SDG No.:	BP100924
Lab Sample ID:	P4162-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.8
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
BP022297.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.6	97	ug/Kg
100-52-7	Benzaldehyde	66	U	66	120	480	ug/Kg
110-86-1	Pyridine	48	U	48	240	480	ug/Kg
108-95-2	Phenol	63	U	63	120	480	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	58	U	58	120	480	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	62.1	250	ug/Kg
95-48-7	2-Methylphenol	57	U	57	120	480	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	88	U	88	120	480	ug/Kg
98-86-2	Acetophenone	100	J	58	120	480	ug/Kg
106-44-5	4-Methylphenol	54	U	54	120	480	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	75	U	75	62.1	250	ug/Kg
67-72-1	Hexachloroethane	26	U	26	62.1	250	ug/Kg
98-95-3	Nitrobenzene	45	U	45	62.1	250	ug/Kg
78-59-1	Isophorone	70	U	70	62.1	250	ug/Kg
88-75-5	2-Nitrophenol	45	U	45	62.1	250	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	62.1	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	63	U	63	62.1	250	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	62.1	250	ug/Kg
91-20-3	Naphthalene	37	U	37	62.1	250	ug/Kg
106-47-8	4-Chloroaniline	35	U	35	62.1	480	ug/Kg
87-68-3	Hexachlorobutadiene	64	U	64	62.1	250	ug/Kg
105-60-2	Caprolactam	110	U	110	120	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	72	U	72	62.1	250	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	62.1	250	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	62.1	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	72	U	72	62.1	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	62.1	250	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EH9	SDG No.:	BP100924
Lab Sample ID:	P4162-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022297.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35	U	35	62.1	250	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	62.1	250	ug/Kg
88-74-4	2-Nitroaniline	60	U	60	62.1	250	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	62.1	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	64	U	64	62.1	250	ug/Kg
208-96-8	Acenaphthylene	82	J	47	62.1	250	ug/Kg
99-09-2	3-Nitroaniline	64	U	64	120	480	ug/Kg
83-32-9	Acenaphthene	42	U	42	62.1	250	ug/Kg
51-28-5	2,4-Dinitrophenol	70	U	70	120	480	ug/Kg
100-02-7	4-Nitrophenol	64	U	64	120	480	ug/Kg
132-64-9	Dibenzofuran	47	U	47	62.1	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	63	U	63	62.1	250	ug/Kg
84-66-2	Diethylphthalate	44	U	44	62.1	250	ug/Kg
86-73-7	Fluorene	37	U	37	62.1	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29	U	29	62.1	250	ug/Kg
100-01-6	4-Nitroaniline	45	U	45	120	480	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	480	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	62.1	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	35	U	35	62.1	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	42	U	42	62.1	250	ug/Kg
118-74-1	Hexachlorobenzene	47	U	47	62.1	250	ug/Kg
1912-24-9	Atrazine	100	U	100	120	480	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	480	ug/Kg
85-01-8	Phenanthrene	590		42	62.1	250	ug/Kg
608-93-5	Pentachlorobenzene	76	U	76	62.1	250	ug/Kg
120-12-7	Anthracene	120	J	37	62.1	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	73	U	73	62.1	250	ug/Kg
86-74-8	Carbazole	74	J	41	120	480	ug/Kg
84-74-2	Di-n-butylphthalate	89	U	89	62.1	250	ug/Kg
206-44-0	Fluoranthene	1800		79	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EH9	SDG No.:	BP100924
Lab Sample ID:	P4162-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022297.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	970		72	62.1	250	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	62.1	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70	U	70	120	480	ug/Kg
56-55-3	Benzo(a)anthracene	640		39	62.1	250	ug/Kg
218-01-9	Chrysene	900		45	62.1	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	420		140	62.1	250	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		48	62.1	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	430		56	62.1	250	ug/Kg
50-32-8	Benzo(a)pyrene	340		47	62.1	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	320		45	62.1	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	J	41	62.1	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	62.1	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	62.1	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.164		15-120		15	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	7.593		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.457		10-150		21	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.953		15-120		22	SPK: -40
190780-66-6	4-Methylphenol-d8	5.861		10-140		15	SPK: -40
4165-60-0	Nitrobenzene-d5	8.635		10-135		22	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.257		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.491		10-140		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.9		1-145		2	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.817		10-145		22	SPK: -40
93951-97-4	Acenaphthylene-d8	9.279		15-120		23	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.735		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	9.862		20-140		25	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EH9	SDG No.:	BP100924
Lab Sample ID:	P4162-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.8
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
BP022297.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.634		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	9.662		10-150		24	SPK: -40
1718-52-1	Pyrene-d10	8.536		10-130		21	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.332		10-140		13	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120605	7.705				
1146-65-2	Naphthalene-d8	473324	10.463				
15067-26-2	Acenaphthene-d10	375184	14.316				
1517-22-2	Phenanthrene-d10	911517	17.116				
1719-03-5	Chrysene-d12	852951	21.545				
1520-96-3	Perylene-d12	1072744	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	150	J			15.693	
000057-10-3	n-Hexadecanoic acid	420	J			18.051	
000203-64-5	4H-Cyclopenta[def]phenanthrene	220	J			18.216	
000084-65-1	9,10-Anthracenedione	160	J			18.575	
000243-17-4	11H-Benzo[b]fluorene	120	J			20.145	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			20.933	
002136-70-1	Ethanol, 2-(tetradecyloxy)-	330	J			21.21	
	(DEL) Alkane: Straight-Chain23.980	500	J			23.98	
000205-82-3	Benzo[j]fluoranthene	700	J			24.057	
E966796	Total Alkanes	500				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ0	SDG No.:	BP100924
Lab Sample ID:	P4162-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
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
BP022298.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.4	85	ug/Kg
100-52-7	Benzaldehyde	57	U	57	110	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	55	U	55	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	110	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	54.1	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	76	U	76	110	420	ug/Kg
98-86-2	Acetophenone	160	J	51	110	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	65	U	65	54.1	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54.1	220	ug/Kg
98-95-3	Nitrobenzene	39	U	39	54.1	220	ug/Kg
78-59-1	Isophorone	61	U	61	54.1	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	54.1	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54.1	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54.1	220	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	54.1	220	ug/Kg
91-20-3	Naphthalene	460		32	54.1	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	54.1	420	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	54.1	220	ug/Kg
105-60-2	Caprolactam	92	U	92	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	54.1	220	ug/Kg
90-12-0	1-Methylnaphthalene	150	J	42	54.1	220	ug/Kg
91-57-6	2-Methylnaphthalene	230		29	54.1	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	54.1	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54.1	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ0	SDG No.:	BP100924
Lab Sample ID:	P4162-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
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
BP022298.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	63	J	31	54.1	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	54.1	220	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	54.1	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54.1	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	54.1	220	ug/Kg
208-96-8	Acenaphthylene	84	J	41	54.1	220	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	110	420	ug/Kg
83-32-9	Acenaphthene	800		37	54.1	220	ug/Kg
51-28-5	2,4-Dinitrophenol	61	U	61	110	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	110	420	ug/Kg
132-64-9	Dibenzofuran	570		41	54.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54.1	220	ug/Kg
84-66-2	Diethylphthalate	38	U	38	54.1	220	ug/Kg
86-73-7	Fluorene	850		32	54.1	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	54.1	220	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98	U	98	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	54.1	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	54.1	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54.1	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54.1	220	ug/Kg
1912-24-9	Atrazine	90	U	90	110	420	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	110	420	ug/Kg
85-01-8	Phenanthrene	6500	E	37	54.1	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	54.1	220	ug/Kg
120-12-7	Anthracene	1800		32	54.1	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	64	U	64	54.1	220	ug/Kg
86-74-8	Carbazole	740		36	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	78	U	78	54.1	220	ug/Kg
206-44-0	Fluoranthene	6800	E	69	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ0	SDG No.:	BP100924
Lab Sample ID:	P4162-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022298.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3900	E	62	54.1	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54.1	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	2700		34	54.1	220	ug/Kg
218-01-9	Chrysene	2800		39	54.1	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	330		120	54.1	220	ug/Kg
117-84-0	Di-n-octyl phthalate	97	U	97	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	2700		42	54.1	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		48	54.1	220	ug/Kg
50-32-8	Benzo(a)pyrene	1000		41	54.1	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	670		39	54.1	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	370		36	54.1	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	93	J	33	54.1	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	54.1	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.75		15-120		22	SPK: -8
7291-22-7	Pyridine-d5	0.482	*	20-120		1	SPK: -40
4165-62-2	Phenol-d5	12.557		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.901		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.389		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	12.068		10-140		30	SPK: -40
4165-60-0	Nitrobenzene-d5	13.007		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.645		10-120		34	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.096		10-140		33	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.115		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.804		10-145		32	SPK: -40
93951-97-4	Acenaphthylene-d8	13.593		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.434		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	13.46		20-140		34	SPK: -40

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ0	SDG No.:	BP100924
Lab Sample ID:	P4162-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
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
BP022298.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.835		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	14.029		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	12.004		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.668		10-140		19	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137555	7.705				
1146-65-2	Naphthalene-d8	554868	10.469				
15067-26-2	Acenaphthene-d10	423047	14.322				
1517-22-2	Phenanthrene-d10	932678	17.116				
1719-03-5	Chrysene-d12	879507	21.569				
1520-96-3	Perylene-d12	1094740	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
000582-16-1	Naphthalene, 2,7-dimethyl-	130	J			13.481	
000581-40-8	Naphthalene, 2,3-dimethyl-	120	J			13.634	
000101-81-5	Diphenylmethane	170	J			15.546	
007320-53-8	Dibenzofuran, 4-methyl-	340	J			15.687	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe	310	J			15.84	
002523-37-7	9H-Fluorene, 9-methyl-	140	J			16.404	
1000400-09-7	phenol, 2-[(ethylamino)methyl]-4-n	130	J			16.64	
000486-25-9	9H-Fluoren-9-one	210	J			16.763	
321732-25-6	Dehydrochamazulene	270	J			16.863	
000132-65-0	Dibenzothiophene	430	J			16.928	
000260-94-6	Acridine	200	J			17.316	
007372-88-5	Dibenzothiophene, 4-methyl-	240	J			17.716	
000832-69-9	Phenanthrene, 1-methyl-	760	J			18.022	
002531-84-2	Phenanthrene, 2-methyl-	1300	J			18.069	
000949-41-7	1H-Cyclopropa[l]phenanthrene, 1a,9b	380	J			18.157	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1400	J			18.234	
000832-64-4	Phenanthrene, 4-methyl-	410	J			18.269	

Report of Analysis

Client:		Date Collected:	9/24/2024 12:00:00 AM
Project:		Date Received:	9/24/2024 12:00:00 AM
Client Sample ID:	A4EJ0	SDG No.:	BP100924
Lab Sample ID:	P4162-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.5
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
BP022298.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
004630-20-0	3-Methylcarbazole	190	J			18.334	
003652-91-3	9H-Carbazole, 2-methyl-	140	J			18.381	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	430	J			18.545	
000084-65-1	9,10-Anthracenedione	470	J			18.592	
003674-69-9	Phenanthrene, 4,5-dimethyl-	170	J			18.792	
000781-43-1	9,10-Dimethylanthracene	120	J			18.892	
003674-66-6	Phenanthrene, 2,5-dimethyl-	420	J			18.986	
005737-13-3	Cyclopenta(def)phenanthrenone	350	J			19.122	
004389-09-7	4H-Benz[de]anthracene, 5,6-dihydro	130	J			19.328	
000243-17-4	11H-Benzo[b]fluorene	230	J			20.151	
000238-84-6	11H-Benzo[a]fluorene	190	J			20.257	
002381-21-7	Pyrene, 1-methyl-	160	J			20.316	
	unknown-01	150	J			21.227	
E966796	Total Alkanes	31	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SBLK726	SDG No.:	BP100924
Lab Sample ID:	PB163726BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022300.D	1	9/27/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SBLK726	SDG No.:	BP100924
Lab Sample ID:	PB163726BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022300.D	1	9/27/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SBLK726	SDG No.:	BP100924
Lab Sample ID:	PB163726BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022300.D	1	9/27/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.417		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	22.16		20-120		55	SPK: -40
4165-62-2	Phenol-d5	25.352		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.767		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.277		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	25.764		25-125		64	SPK: -40
4165-60-0	Nitrobenzene-d5	26.066		20-125		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.038		20-130		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.102		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.482		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.062		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	27.01		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.328		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	26.934		25-125		67	SPK: -40

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SBLK726	SDG No.:	BP100924
Lab Sample ID:	PB163726BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022300.D	1	9/27/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.853		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	27.283		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	31.456		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.263		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136712	7.71				
1146-65-2	Naphthalene-d8	534585	10.463				
15067-26-2	Acenaphthene-d10	404584	14.316				
1517-22-2	Phenanthrene-d10	1008633	17.11				
1719-03-5	Chrysene-d12	941674	21.545				
1520-96-3	Perylene-d12	1089617	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SBLK728	SDG No.:	BP100924
Lab Sample ID:	PB163728BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022301.D	1	9/27/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SBLK728	SDG No.:	BP100924
Lab Sample ID:	PB163728BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022301.D	1	9/27/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SBLK728	SDG No.:	BP100924
Lab Sample ID:	PB163728BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022301.D	1	9/27/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.068		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	21.596		20-120		54	SPK: -40
4165-62-2	Phenol-d5	24.505		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.847		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.853		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	24.721		25-125		62	SPK: -40
4165-60-0	Nitrobenzene-d5	26.182		20-125		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.349		20-130		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.879		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.287		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.159		25-130		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.837		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.976		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	25.297		25-125		63	SPK: -40

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SBLK728	SDG No.:	BP100924
Lab Sample ID:	PB163728BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022301.D	1	9/27/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.922		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	26.723		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	30.41		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.325		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	135700	7.711				
1146-65-2	Naphthalene-d8	513324	10.463				
15067-26-2	Acenaphthene-d10	399920	14.316				
1517-22-2	Phenanthrene-d10	988322	17.11				
1719-03-5	Chrysene-d12	977949	21.545				
1520-96-3	Perylene-d12	1142553	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER7	SDG No.:	BP100924
Lab Sample ID:	P4162-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.3
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
BP022302.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	13	130	ug/Kg
100-52-7	Benzaldehyde	88	U	88	160	650	ug/Kg
110-86-1	Pyridine	65	U	65	320	650	ug/Kg
108-95-2	Phenol	85	U	85	160	650	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	79	U	79	160	650	ug/Kg
95-57-8	2-Chlorophenol	45	U	45	83.5	330	ug/Kg
95-48-7	2-Methylphenol	77	U	77	160	650	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	160	650	ug/Kg
98-86-2	Acetophenone	110	J	79	160	650	ug/Kg
106-44-5	4-Methylphenol	73	U	73	160	650	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	83.5	330	ug/Kg
67-72-1	Hexachloroethane	35	U	35	83.5	330	ug/Kg
98-95-3	Nitrobenzene	61	U	61	83.5	330	ug/Kg
78-59-1	Isophorone	94	U	94	83.5	330	ug/Kg
88-75-5	2-Nitrophenol	61	U	61	83.5	330	ug/Kg
105-67-9	2,4-Dimethylphenol	49	U	49	83.5	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	85	U	85	83.5	330	ug/Kg
120-83-2	2,4-Dichlorophenol	31	U	31	83.5	330	ug/Kg
91-20-3	Naphthalene	49	U	49	83.5	330	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	83.5	650	ug/Kg
87-68-3	Hexachlorobutadiene	86	U	86	83.5	330	ug/Kg
105-60-2	Caprolactam	140	U	140	160	650	ug/Kg
59-50-7	4-Chloro-3-methylphenol	96	U	96	83.5	330	ug/Kg
90-12-0	1-Methylnaphthalene	65	U	65	83.5	330	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	83.5	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	160	650	ug/Kg
88-06-2	2,4,6-Trichlorophenol	96	U	96	83.5	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77	U	77	83.5	330	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER7	SDG No.:	BP100924
Lab Sample ID:	P4162-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.3
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
BP022302.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	47	U	47	83.5	330	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	83.5	330	ug/Kg
88-74-4	2-Nitroaniline	81	U	81	83.5	330	ug/Kg
131-11-3	Dimethylphthalate	57	U	57	83.5	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	86	U	86	83.5	330	ug/Kg
208-96-8	Acenaphthylene	63	U	63	83.5	330	ug/Kg
99-09-2	3-Nitroaniline	86	U	86	160	650	ug/Kg
83-32-9	Acenaphthene	57	U	57	83.5	330	ug/Kg
51-28-5	2,4-Dinitrophenol	94	U	94	160	650	ug/Kg
100-02-7	4-Nitrophenol	86	U	86	160	650	ug/Kg
132-64-9	Dibenzofuran	63	U	63	83.5	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	85	U	85	83.5	330	ug/Kg
84-66-2	Diethylphthalate	59	U	59	83.5	330	ug/Kg
86-73-7	Fluorene	49	U	49	83.5	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39	U	39	83.5	330	ug/Kg
100-01-6	4-Nitroaniline	61	U	61	160	650	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	650	ug/Kg
86-30-6	N-Nitrosodiphenylamine	65	U	65	83.5	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	47	83.5	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	83.5	330	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	83.5	330	ug/Kg
1912-24-9	Atrazine	140	U	140	160	650	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	160	650	ug/Kg
85-01-8	Phenanthrene	230	J	57	83.5	330	ug/Kg
608-93-5	Pentachlorobenzene	100	U	100	83.5	330	ug/Kg
120-12-7	Anthracene	49	U	49	83.5	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	98	U	98	83.5	330	ug/Kg
86-74-8	Carbazole	55	U	55	160	650	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	83.5	330	ug/Kg
206-44-0	Fluoranthene	520		110	160	330	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER7	SDG No.:	BP100924
Lab Sample ID:	P4162-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.3
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
BP022302.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	290	J	96	83.5	330	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	170	83.5	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	94	U	94	160	650	ug/Kg
56-55-3	Benzo(a)anthracene	200	J	53	83.5	330	ug/Kg
218-01-9	Chrysene	210	J	61	83.5	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	190	U	190	83.5	330	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	160	650	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	J	65	83.5	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	J	75	83.5	330	ug/Kg
50-32-8	Benzo(a)pyrene	84	J	63	83.5	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	61	U	61	83.5	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	U	55	83.5	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	U	51	83.5	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	65	U	65	83.5	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.258		15-120		16	SPK: -8
7291-22-7	Pyridine-d5	0.65	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	7.287		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.485		10-150		19	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.074		15-120		20	SPK: -40
190780-66-6	4-Methylphenol-d8	6.6		10-140		16	SPK: -40
4165-60-0	Nitrobenzene-d5	7.809		10-135		20	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.282		10-120		21	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.811		10-140		20	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.728		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.613		10-145		19	SPK: -40
93951-97-4	Acenaphthylene-d8	7.952		15-120		20	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.388		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	8.09		20-140		20	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	A4ER7	SDG No.:	BP100924
Lab Sample ID:	P4162-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	49.3
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
BP022302.D	1	9/25/2024 12:00:00 AM	10/9/2024 12:00:00 AM	PB163678

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.95		10-130		10	SPK: -40
1719-06-8	Anthracene-d10	8.139		10-150		20	SPK: -40
1718-52-1	Pyrene-d10	7.518		10-130		19	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.449		10-140		11	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	176525	7.705				
1146-65-2	Naphthalene-d8	711400	10.469				
15067-26-2	Acenaphthene-d10	562287	14.322				
1517-22-2	Phenanthrene-d10	1312194	17.11				
1719-03-5	Chrysene-d12	1201790	21.539				
1520-96-3	Perylene-d12	1417970	24.833				
TENTATIVE IDENTIFIED COMPOUNDS							
1000406-04-8	Pentadecafluorooctanoic acid, octa	180	J			21.204	
	(DEL) Alkane: Straight-Chain	22.404	J			22.404	
	(DEL) Alkane: Straight-Chain	23.974	J			23.974	
E966796	Total Alkanes	420				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY069	SDG No.:	BP100924
Lab Sample ID:	P4207-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022303.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.1	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.92	U	0.92	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5.1	ug/L
91-20-3	Naphthalene	0.95	U	0.95	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	0.95	U	0.95	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5.1	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.92	U	0.92	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY069	SDG No.:	BP100924
Lab Sample ID:	P4207-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022303.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.97	U	0.97	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
86-73-7	Fluorene	0.95	U	0.95	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.84	U	0.84	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY069	SDG No.:	BP100924
Lab Sample ID:	P4207-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022303.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.74		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	3.605	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	7.828		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.141		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.725		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	18.242		25-125		46	SPK: -40
4165-60-0	Nitrobenzene-d5	27.491		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.258		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.313		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.37		1-146		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.279		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.465		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.926		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	26.664		25-125		67	SPK: -40

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY069	SDG No.:	BP100924
Lab Sample ID:	P4207-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022303.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.567		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	29.703		25-130		74	SPK: -40
1718-52-1	Pyrene-d10	33.495		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.017		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144633	7.711				
1146-65-2	Naphthalene-d8	567369	10.463				
15067-26-2	Acenaphthene-d10	439280	14.316				
1517-22-2	Phenanthrene-d10	1026218	17.116				
1719-03-5	Chrysene-d12	972629	21.545				
1520-96-3	Perylene-d12	1123267	24.845				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY084	SDG No.:	BP100924
Lab Sample ID:	P4207-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022304.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY084	SDG No.:	BP100924
Lab Sample ID:	P4207-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022304.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY084	SDG No.:	BP100924
Lab Sample ID:	P4207-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022304.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.651		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	7.035	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	8.913		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.417		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.758		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	20.268		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	30.005		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.906		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.456		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.6		1-146		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.76		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	29.835		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.025		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	30.479		25-125		76	SPK: -40

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY084	SDG No.:	BP100924
Lab Sample ID:	P4207-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022304.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.983		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	31.975		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	35.285		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.476		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125973	7.71				
1146-65-2	Naphthalene-d8	505785	10.463				
15067-26-2	Acenaphthene-d10	403534	14.316				
1517-22-2	Phenanthrene-d10	979510	17.11				
1719-03-5	Chrysene-d12	963357	21.551				
1520-96-3	Perylene-d12	1106989	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	7.7	J			7.769	
000098-86-2	Aceto phenone	3.6	J			8.516	
000090-05-1	Phenol, 2-methoxy-	3.8	J			8.787	
000093-51-6	Creosol	3.4	J			10.381	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	6.9	J			17.804	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY050	SDG No.:	BP100924
Lab Sample ID:	P4207-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022305.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4.1		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY050	SDG No.:	BP100924
Lab Sample ID:	P4207-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022305.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY050	SDG No.:	BP100924
Lab Sample ID:	P4207-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022305.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.935		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	6.645	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	8.871		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.303		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.583		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	20.345		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	29.162		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.433		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.937		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.773		1-146		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.173		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	30.808		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.441		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	31.414		25-125		79	SPK: -40

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY050	SDG No.:	BP100924
Lab Sample ID:	P4207-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022305.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.94		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	32.962		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	36.201		15-130		91	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.256		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	119494	7.705				
1146-65-2	Naphthalene-d8	475777	10.463				
15067-26-2	Acenaphthene-d10	373942	14.316				
1517-22-2	Phenanthrene-d10	918580	17.098				
1719-03-5	Chrysene-d12	942319	21.539				
1520-96-3	Perylene-d12	1099236	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	4.7	J			15.681	
000057-10-3	n-Hexadecanoic acid	3.3	J			18.039	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY051	SDG No.:	BP100924
Lab Sample ID:	P4207-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022306.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.3		0.36	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.2	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.93	U	0.93	2.6	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.6	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.6	5.1	ug/L
91-20-3	Naphthalene	0.96	U	0.96	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	0.96	U	0.96	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.6	5.1	ug/L
105-60-2	Caprolactam	2.7	U	2.7	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.93	U	0.93	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY051	SDG No.:	BP100924
Lab Sample ID:	P4207-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022306.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.98	U	0.98	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.6	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
86-73-7	Fluorene	0.96	U	0.96	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	0.85	U	0.85	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.6	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.6	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.6	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY051	SDG No.:	BP100924
Lab Sample ID:	P4207-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022306.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.42		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	3.504	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	7.793		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.961		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.437		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	17.204		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	25.5		20-125		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.931		20-130		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.325		20-120		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.833		1-146		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.789		25-130		64	SPK: -40
93951-97-4	Acenaphthylene-d8	24.821		10-130		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.927		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	25.144		25-125		63	SPK: -40

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY051	SDG No.:	BP100924
Lab Sample ID:	P4207-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022306.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.604		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	28.004		25-130		70	SPK: -40
1718-52-1	Pyrene-d10	30.19		15-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.609		20-130		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140803	7.705				
1146-65-2	Naphthalene-d8	521911	10.463				
15067-26-2	Acenaphthene-d10	399900	14.31				
1517-22-2	Phenanthrene-d10	964162	17.116				
1719-03-5	Chrysene-d12	1049066	21.551				
1520-96-3	Perylene-d12	1212608	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	3.8	J			15.687	
000057-10-3	n-Hexadecanoic acid	3.6	J			18.045	
	(DEL) Alkane: Straight-Chain21.221	2.9	J			21.221	
	(DEL) Alkane: Straight-Chain21.792	3.5	J			21.792	
	(DEL) Alkane: Straight-Chain22.421	3.4	J			22.421	
	(DEL) Alkane: Straight-Chain23.139	2.7	J			23.139	
E966796	Total Alkanes	13				99	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY053	SDG No.:	BP100924
Lab Sample ID:	P4207-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022307.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY053	SDG No.:	BP100924
Lab Sample ID:	P4207-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022307.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY053	SDG No.:	BP100924
Lab Sample ID:	P4207-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022307.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.272		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	6.366	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	8.578		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.543		25-120		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.233		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	19.021		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	27.813		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.346		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.621		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.841		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.347		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	27.808		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.024		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	30.256		25-125		76	SPK: -40

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY053	SDG No.:	BP100924
Lab Sample ID:	P4207-14	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022307.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.808		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	34.966		25-130		87	SPK: -40
1718-52-1	Pyrene-d10	38.115		15-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.793		20-130		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111879	7.705				
1146-65-2	Naphthalene-d8	425660	10.463				
15067-26-2	Acenaphthene-d10	344949	14.31				
1517-22-2	Phenanthrene-d10	870957	17.11				
1719-03-5	Chrysene-d12	908126	21.545				
1520-96-3	Perylene-d12	1051994	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	2.3	J			15.698	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY052	SDG No.:	BP100924
Lab Sample ID:	P4207-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022308.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY052	SDG No.:	BP100924
Lab Sample ID:	P4207-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022308.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY052	SDG No.:	BP100924
Lab Sample ID:	P4207-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022308.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.093		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	5.103	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	5.903		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.988		25-120		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.418		20-130		51	SPK: -40
190780-66-6	4-Methylphenol-d8	14.365		25-125		36	SPK: -40
4165-60-0	Nitrobenzene-d5	22.244		20-125		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.809		20-130		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.584		20-120		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.976		1-146		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.55		25-130		64	SPK: -40
93951-97-4	Acenaphthylene-d8	23.344		10-130		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.384		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	25.469		25-125		64	SPK: -40

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY052	SDG No.:	BP100924
Lab Sample ID:	P4207-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022308.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.763		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	28.746		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	32.721		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.922		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118133	7.71				
1146-65-2	Naphthalene-d8	465486	10.463				
15067-26-2	Acenaphthene-d10	374263	14.316				
1517-22-2	Phenanthrene-d10	948209	17.116				
1719-03-5	Chrysene-d12	949902	21.551				
1520-96-3	Perylene-d12	1107076	24.857				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY052MS	SDG No.:	BP100924
Lab Sample ID:	P4207-10MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022309.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	31		1.1	5	10	ug/L
110-86-1	Pyridine	8.2	J	1.7	10	10	ug/L
108-95-2	Phenol	9.3	J	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	28		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	27		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	23		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	27		1.9	5	10	ug/L
98-86-2	Acetophenone	29		1.5	5	10	ug/L
106-44-5	4-Methylphenol	21		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	30		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	24		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	28		1.4	2.5	5	ug/L
78-59-1	Isophorone	29		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	31		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	26		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	28		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	30		1.1	2.5	5	ug/L
91-20-3	Naphthalene	28		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	21		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	25		1.5	2.5	5	ug/L
105-60-2	Caprolactam	5.8	J	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	30		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	29		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	29		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	13		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	31		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	33		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY052MS	SDG No.:	BP100924
Lab Sample ID:	P4207-10MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022309.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	29		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	30		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	30		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	34		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	29		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	29		1.6	5	10	ug/L
83-32-9	Acenaphthene	30		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	29		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	9.3	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	30		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	34		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	30		1.3	2.5	5	ug/L
86-73-7	Fluorene	31		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	30		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	32		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	31		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	32		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	33		1.2	2.5	5	ug/L
1912-24-9	Atrazine	19		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	32		1.9	5	10	ug/L
85-01-8	Phenanthrene	32		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	29		1.7	2.5	5	ug/L
120-12-7	Anthracene	31		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	29		1.7	2.5	5	ug/L
86-74-8	Carbazole	32		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	32		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	36		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY052MS	SDG No.:	BP100924
Lab Sample ID:	P4207-10MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022309.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	35		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	35		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	17		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	32		1.1	2.5	5	ug/L
218-01-9	Chrysene	32		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	33		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	34		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	32		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	33		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	31		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	32		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	32		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	32		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	32		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.445		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	6.814	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	8.517		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.491		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.78		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	19.658		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	27.873		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.331		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.375		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.56		1-146		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.329		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.536		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.072		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	29.622		25-125		74	SPK: -40

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY052MS	SDG No.:	BP100924
Lab Sample ID:	P4207-10MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022309.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.079		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	31.479		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	35.165		15-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.759		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122412	7.705				
1146-65-2	Naphthalene-d8	499246	10.463				
15067-26-2	Acenaphthene-d10	395045	14.316				
1517-22-2	Phenanthrene-d10	952570	17.11				
1719-03-5	Chrysene-d12	932593	21.545				
1520-96-3	Perylene-d12	1092957	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY052MSD	SDG No.:	BP100924
Lab Sample ID:	P4207-11MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022310.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.6		0.35	0.5	2	ug/L
110-86-1	Pyridine	8.2	J	1.7	10	10	ug/L
100-52-7	Benzaldehyde	32		1.1	5	10	ug/L
108-95-2	Phenol	9.5	J	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	30		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	28		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	23		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		1.9	5	10	ug/L
98-86-2	Acetophenone	30		1.5	5	10	ug/L
106-44-5	4-Methylphenol	21		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	30		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	25		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	29		1.4	2.5	5	ug/L
78-59-1	Isophorone	30		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	32		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	28		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	29		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	32		1.1	2.5	5	ug/L
91-20-3	Naphthalene	29		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	20		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	26		1.5	2.5	5	ug/L
105-60-2	Caprolactam	5.5	J	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	31		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	30		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	30		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	14		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	33		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	34		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY052MSD	SDG No.:	BP100924
Lab Sample ID:	P4207-11MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022310.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	31		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	32		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	31		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	36		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	31		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	31		1.6	5	10	ug/L
83-32-9	Acenaphthene	31		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	31		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	9.8	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	31		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	35		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	32		1.3	2.5	5	ug/L
86-73-7	Fluorene	32		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	32		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	32		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	31		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	32		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	33		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	33		1.2	2.5	5	ug/L
1912-24-9	Atrazine	21		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	33		1.9	5	10	ug/L
85-01-8	Phenanthrene	33		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	31		1.7	2.5	5	ug/L
120-12-7	Anthracene	32		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	30		1.7	2.5	5	ug/L
86-74-8	Carbazole	33		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	33		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	38		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY052MSD	SDG No.:	BP100924
Lab Sample ID:	P4207-11MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022310.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	36		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	36		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	18		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	33		1.1	2.5	5	ug/L
218-01-9	Chrysene	33		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	34		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	35		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	34		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	34		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	33		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	33		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	33		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	34		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	34		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.54		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	6.501	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	8.433		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.39		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.193		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	19.797		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	29.681		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.953		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.413		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.467		1-146		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.149		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	30.055		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.297		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	31.3		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY052MSD	SDG No.:	BP100924
Lab Sample ID:	P4207-11MSD	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022310.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.811		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	31.559		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	36.783		15-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.659		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121458	7.705				
1146-65-2	Naphthalene-d8	481007	10.463				
15067-26-2	Acenaphthene-d10	373043	14.316				
1517-22-2	Phenanthrene-d10	913055	17.116				
1719-03-5	Chrysene-d12	893921	21.545				
1520-96-3	Perylene-d12	1034531	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY061	SDG No.:	BP100924
Lab Sample ID:	P4207-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022311.D	1	9/26/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163720

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.6		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY061	SDG No.:	BP100924
Lab Sample ID:	P4207-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022311.D	1	9/26/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163720

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY061	SDG No.:	BP100924
Lab Sample ID:	P4207-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022311.D	1	9/26/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163720

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.74		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	7.574	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	10.071		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.941		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.954		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	22.146		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	24.795		20-125		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.872		20-130		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.599		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.772		1-146		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.675		25-130		69	SPK: -40
93951-97-4	Acenaphthylene-d8	25.932		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.533		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	28.053		25-125		70	SPK: -40

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY061	SDG No.:	BP100924
Lab Sample ID:	P4207-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022311.D	1	9/26/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163720

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.855		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	29.916		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	33.394		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.745		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142645	7.705				
1146-65-2	Naphthalene-d8	553663	10.457				
15067-26-2	Acenaphthene-d10	454497	14.316				
1517-22-2	Phenanthrene-d10	1093098	17.122				
1719-03-5	Chrysene-d12	1082138	21.539				
1520-96-3	Perylene-d12	1291229	24.839				
TENTATIVE IDENTIFIED COMPOUNDS							
000622-96-8	Benzene, 1-ethyl-4-methyl-	6.4	J			7.099	
	unknown-01	4.6	J			7.881	
056554-54-2	Butanoic acid, 2-ethyl-, 1,2,3-pro	7.7	J			7.999	
	unknown-02	7.3	J			8.222	
060308-87-4	3,5-Dimethylhexanoic acid	180	J			8.646	
	unknown-03	36	J			8.922	
	unknown-04	17	J			8.963	
004536-23-6	Hexanoic acid, 2-methyl-	12	J			9.01	
	unknown-05	50	J			9.075	
	unknown-06	150	J			9.346	
	unknown-07	42	J			9.463	
067883-79-8	(Z)-Hex-3-enyl (E)-2-methylbut-2-e	5.7	J			9.693	
	unknown-08	16	J			10.275	
	unknown-09	8.3	J			10.687	
	unknown-10	5.9	J			10.793	
	unknown-11	6.1	J			10.957	
	unknown-12	5.2	J			11.175	

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY061	SDG No.:	BP100924
Lab Sample ID:	P4207-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022311.D	1	9/26/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163720

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-13	15	J			11.24	
	unknown-14	18	J			11.322	
	(DEL) Alkane: Cyclic	17	J			11.375	
	unknown-15	7.3	J			11.44	
	unknown-16	38	J			11.616	
	(DEL) Alkane: Cyclic	7.6	J			11.71	
	unknown-17	32	J			11.828	
	unknown-18	14	J			11.893	
	unknown-19	21	J			11.975	
024308-54-1	Spiro[2.4]heptane, 4-methylene-	5.8	J			12.316	
007782-26-5	Benzeneacetic acid, .alpha.-methyl	4.6	J			12.463	
	unknown-20	4.8	J			12.681	
000480-63-7	Benzoic acid, 2,4,6-trimethyl-	4.6	J			13.64	
000119-61-9	Benzophenone	6.7	J			15.698	
000057-10-3	n-Hexadecanoic acid	5.9	J			18.063	
E966796	Total Alkanes	25				99	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY062	SDG No.:	BP100924
Lab Sample ID:	P4207-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022312.D	1	9/26/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163720

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	5.4		0.36	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.2	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.93	U	0.93	2.6	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.6	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.6	5.1	ug/L
91-20-3	Naphthalene	0.96	U	0.96	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	0.96	U	0.96	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.6	5.1	ug/L
105-60-2	Caprolactam	2.7	U	2.7	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.93	U	0.93	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY062	SDG No.:	BP100924
Lab Sample ID:	P4207-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022312.D	1	9/26/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163720

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.98	U	0.98	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.6	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
86-73-7	Fluorene	0.96	U	0.96	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	0.85	U	0.85	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.6	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.6	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.6	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY062	SDG No.:	BP100924
Lab Sample ID:	P4207-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022312.D	1	9/26/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163720

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.6	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	U	3.1	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.65		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	8.62		20-120		22	SPK: -40
4165-62-2	Phenol-d5	10.091		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.332		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	21.587		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	31.9		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.817		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.407		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.164		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.041		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	30.978		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.73		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	31.664		25-125		79	SPK: -40

Report of Analysis

Client:		Date Collected:	9/25/2024 12:00:00 AM
Project:		Date Received:	9/25/2024 12:00:00 AM
Client Sample ID:	EY062	SDG No.:	BP100924
Lab Sample ID:	P4207-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022312.D	1	9/26/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163720

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.348		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	34.514		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	37.476		15-130		94	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.421		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127265	7.705				
1146-65-2	Naphthalene-d8	479009	10.463				
15067-26-2	Acenaphthene-d10	365868	14.316				
1517-22-2	Phenanthrene-d10	897598	17.104				
1719-03-5	Chrysene-d12	985077	21.539				
1520-96-3	Perylene-d12	1110789	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	2.4	J			15.692	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SLCS728	SDG No.:	BP100924
Lab Sample ID:	PB163728BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022313.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.5		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	23		1.1	5	10	ug/L
110-86-1	Pyridine	19		1.7	10	10	ug/L
108-95-2	Phenol	22		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	22		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	23		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	22		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	21		1.9	5	10	ug/L
98-86-2	Acetophenone	21		1.5	5	10	ug/L
106-44-5	4-Methylphenol	22		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	21		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	23		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	22		1.4	2.5	5	ug/L
78-59-1	Isophorone	21		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	24		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	19		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	22		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	23		1.1	2.5	5	ug/L
91-20-3	Naphthalene	22		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	18		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	23		1.5	2.5	5	ug/L
105-60-2	Caprolactam	21		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	23		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	22		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	22		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	15		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	23		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	24		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SLCS728	SDG No.:	BP100924
Lab Sample ID:	PB163728BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022313.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	22		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	22		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	23		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	22		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	24		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	23		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	24		1.6	5	10	ug/L
83-32-9	Acenaphthene	22		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	20		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	22		1.4	5	10	ug/L
132-64-9	Dibenzofuran	22		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	24		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	22		1.3	2.5	5	ug/L
86-73-7	Fluorene	22		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	27		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	22		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	22		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	23		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	23		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	23		1.2	2.5	5	ug/L
1912-24-9	Atrazine	17		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	22		1.9	5	10	ug/L
85-01-8	Phenanthrene	22		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	21		1.7	2.5	5	ug/L
120-12-7	Anthracene	22		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	22		1.7	2.5	5	ug/L
86-74-8	Carbazole	23		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	23		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	24		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SLCS728	SDG No.:	BP100924
Lab Sample ID:	PB163728BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022313.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	24		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	25		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	25		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	23		1.1	2.5	5	ug/L
218-01-9	Chrysene	23		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	24		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	25		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	23		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	23		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	22		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	23		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	22		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	22		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	23		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.974		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	20.134		20-120		50	SPK: -40
4165-62-2	Phenol-d5	22.21		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.63		25-120		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.777		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	22.417		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	24.029		20-125		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.978		20-130		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.087		20-120		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.939		1-146		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.093		25-130		55	SPK: -40
93951-97-4	Acenaphthylene-d8	23.39		10-130		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.371		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	23.198		25-125		58	SPK: -40

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SLCS728	SDG No.:	BP100924
Lab Sample ID:	PB163728BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022313.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163728

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.938		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	23.137		25-130		58	SPK: -40
1718-52-1	Pyrene-d10	24.957		15-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.732		20-130		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	135329	7.705				
1146-65-2	Naphthalene-d8	511500	10.457				
15067-26-2	Acenaphthene-d10	393457	14.304				
1517-22-2	Phenanthrene-d10	968343	17.104				
1719-03-5	Chrysene-d12	1043742	21.533				
1520-96-3	Perylene-d12	1216319	24.821				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SLCS726	SDG No.:	BP100924
Lab Sample ID:	PB163726BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022314.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.1		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	26		1.1	5	10	ug/L
110-86-1	Pyridine	23		1.7	10	10	ug/L
108-95-2	Phenol	25		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	25		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	26		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	25		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	24		1.9	5	10	ug/L
98-86-2	Acetophenone	25		1.5	5	10	ug/L
106-44-5	4-Methylphenol	25		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	25		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	25		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	26		1.4	2.5	5	ug/L
78-59-1	Isophorone	26		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	28		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	23		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	25		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	27		1.1	2.5	5	ug/L
91-20-3	Naphthalene	26		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	22		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	26		1.5	2.5	5	ug/L
105-60-2	Caprolactam	27		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	28		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	26		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	26		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	16		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	26		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	28		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SLCS726	SDG No.:	BP100924
Lab Sample ID:	PB163726BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022314.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	26		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	28		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	26		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	29		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	29		1.6	5	10	ug/L
83-32-9	Acenaphthene	26		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	24		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	28		1.4	5	10	ug/L
132-64-9	Dibenzofuran	26		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	29		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	26		1.3	2.5	5	ug/L
86-73-7	Fluorene	27		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	26		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	33		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	25		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	25		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	26		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	26		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	27		1.2	2.5	5	ug/L
1912-24-9	Atrazine	19		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	26		1.9	5	10	ug/L
85-01-8	Phenanthrene	26		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	24		1.7	2.5	5	ug/L
120-12-7	Anthracene	26		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	24		1.7	2.5	5	ug/L
86-74-8	Carbazole	27		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	26		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	29		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SLCS726	SDG No.:	BP100924
Lab Sample ID:	PB163726BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022314.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	29		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	28		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	27		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	27		1.1	2.5	5	ug/L
218-01-9	Chrysene	27		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	27		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	28		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	27		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	27		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	26		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	26		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	26		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	26		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	27		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.611		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	23.465		20-120		59	SPK: -40
4165-62-2	Phenol-d5	26.079		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.298		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.516		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	25.911		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	28.418		20-125		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.24		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.731		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.311		1-146		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.512		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	27.574		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.967		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	27.475		25-125		69	SPK: -40

Report of Analysis

Client:		Date Collected:	9/27/2024 12:00:00 AM
Project:		Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SLCS726	SDG No.:	BP100924
Lab Sample ID:	PB163726BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022314.D	1	9/27/2024 12:00:00 AM	10/10/2024 12:00:00 AM	PB163726

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.248		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	27.267		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	29.464		15-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.459		20-130		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118697	7.705				
1146-65-2	Naphthalene-d8	438823	10.457				
15067-26-2	Acenaphthene-d10	346113	14.316				
1517-22-2	Phenanthrene-d10	894197	17.11				
1719-03-5	Chrysene-d12	978918	21.545				
1520-96-3	Perylene-d12	1137605	24.827				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BP100924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4ER7								
P4162-01	A4ER7	Solid	(DEL) Alkane: Straight-Chain21.2 *	240.000	J			
P4162-01	A4ER7	Solid	(DEL) Alkane: Straight-Chain22.4 *	290.000	J			
P4162-01	A4ER7	Solid	(DEL) Alkane: Straight-Chain23.5 *	430.000	J			
P4162-01	A4ER7	Solid	n-Hexadecanoic acid *	250.000	J			
P4162-01	A4ER7	Solid	Plumbane, diethyldimethyl- *	260.000	J			
P4162-01	A4ER7	Solid	Total Alkanes *	960.000		47	330	ug/Kg
P4162-01	A4ER7	Solid	(DEL) Alkane: Straight-Chain22.4 *	210.000	J			
P4162-01	A4ER7	Solid	(DEL) Alkane: Straight-Chain23.5 *	210.000	J			
P4162-01	A4ER7	Solid	Pentadecafluorooctanoic acid, oct: *	180.000	J			
P4162-01	A4ER7	Solid	Total Alkanes *	420.000		47	330	ug/Kg
Total Tics :				3,450.00				
P4162-01	A4ER7	Solid	Acetophenone	150.000	J	79	650	ug/Kg
P4162-01	A4ER7	Solid	Benzo(a)anthracene	270.000	J	53	330	ug/Kg
P4162-01	A4ER7	Solid	Benzo(a)pyrene	120.000	J	63	330	ug/Kg
P4162-01	A4ER7	Solid	Benzo(b)fluoranthene	370.000		65	330	ug/Kg
P4162-01	A4ER7	Solid	Benzo(k)fluoranthene	130.000	J	75	330	ug/Kg
P4162-01	A4ER7	Solid	Chrysene	300.000	J	61	330	ug/Kg
P4162-01	A4ER7	Solid	Fluoranthene	680.000		110	330	ug/Kg
P4162-01	A4ER7	Solid	Indeno(1,2,3-cd)pyrene	91.000	J	61	330	ug/Kg
P4162-01	A4ER7	Solid	Phenanthrene	320.000	J	57	330	ug/Kg
P4162-01	A4ER7	Solid	Pyrene	380.000		96	330	ug/Kg
P4162-01	A4ER7	Solid	Acetophenone	110.000	J	79	650	ug/Kg
P4162-01	A4ER7	Solid	Benzo(a)anthracene	200.000	J	53	330	ug/Kg
P4162-01	A4ER7	Solid	Benzo(a)pyrene	84.000	J	63	330	ug/Kg
P4162-01	A4ER7	Solid	Benzo(b)fluoranthene	260.000	J	65	330	ug/Kg
P4162-01	A4ER7	Solid	Benzo(k)fluoranthene	100.000	J	75	330	ug/Kg
P4162-01	A4ER7	Solid	Chrysene	210.000	J	61	330	ug/Kg
P4162-01	A4ER7	Solid	Fluoranthene	520.000		110	330	ug/Kg
P4162-01	A4ER7	Solid	Phenanthrene	230.000	J	57	330	ug/Kg
P4162-01	A4ER7	Solid	Pyrene	290.000	J	96	330	ug/Kg
Total Svoc :				4,815.00				
Total Concentration:				8,265.00				
Client ID : A4ER8								
P4162-02	A4ER8	Solid	(DEL) Alkane: Straight-Chain22.4 *	600.000	J			
P4162-02	A4ER8	Solid	(DEL) Alkane: Straight-Chain23.5 *	640.000	J			
P4162-02	A4ER8	Solid	1,4-Benzenedicarboxylic acid, bis *	150.000	J			
P4162-02	A4ER8	Solid	Cyclopentasiloxane, decamethyl- *	310.000	J			

Hit Summary Sheet SW-846

SDG No.: BP100924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4162-02	A4ER8	Solid	n-Hexadecanoic acid	*	190.000	J		
P4162-02	A4ER8	Solid	Nonacosanal	*	360.000	J		
P4162-02	A4ER8	Solid	Tetratriacontyl pentafluoropropior	*	260.000	J		
P4162-02	A4ER8	Solid	Total Alkanes	*	1,200.000		50	350 ug/Kg
Total Tics :				3,710.00				
P4162-02	A4ER8	Solid	Acetophenone		140.000	J	84	690 ug/Kg
P4162-02	A4ER8	Solid	Anthracene		70.000	J	52	350 ug/Kg
P4162-02	A4ER8	Solid	Benzo(a)anthracene		290.000	J	56	350 ug/Kg
P4162-02	A4ER8	Solid	Benzo(a)pyrene		130.000	J	67	350 ug/Kg
P4162-02	A4ER8	Solid	Benzo(b)fluoranthene		400.000		69	350 ug/Kg
P4162-02	A4ER8	Solid	Benzo(k)fluoranthene		170.000	J	79	350 ug/Kg
P4162-02	A4ER8	Solid	Bis(2-ethylhexyl)phthalate		400.000		200	350 ug/Kg
P4162-02	A4ER8	Solid	Chrysene		340.000	J	65	350 ug/Kg
P4162-02	A4ER8	Solid	Fluoranthene		710.000		110	350 ug/Kg
P4162-02	A4ER8	Solid	Indeno(1,2,3-cd)pyrene		110.000	J	65	350 ug/Kg
P4162-02	A4ER8	Solid	Phenanthrene		360.000		61	350 ug/Kg
P4162-02	A4ER8	Solid	Pyrene		400.000		100	350 ug/Kg
Total Svoc :				3,520.00				
Total Concentration:				7,230.00				
Client ID : A4ES4								
P4162-05	A4ES4	Solid	2- Chloropropionic acid, hexadecy	*	190.000	J		
P4162-05	A4ES4	Solid	Cyclopentasiloxane, decamethyl-	*	270.000	J		
P4162-05	A4ES4	Solid	n-Hexadecanoic acid	*	200.000	J		
P4162-05	A4ES4	Solid	Total Alkanes	*	0.000		52	370 ug/Kg
Total Tics :				660.00				
P4162-05	A4ES4	Solid	Acetophenone		140.000	J	87	720 ug/Kg
P4162-05	A4ES4	Solid	Benzo(a)anthracene		230.000	J	59	370 ug/Kg
P4162-05	A4ES4	Solid	Benzo(a)pyrene		120.000	J	70	370 ug/Kg
P4162-05	A4ES4	Solid	Benzo(b)fluoranthene		400.000		72	370 ug/Kg
P4162-05	A4ES4	Solid	Benzo(k)fluoranthene		130.000	J	83	370 ug/Kg
P4162-05	A4ES4	Solid	Chrysene		310.000	J	68	370 ug/Kg
P4162-05	A4ES4	Solid	Fluoranthene		600.000		120	370 ug/Kg
P4162-05	A4ES4	Solid	Indeno(1,2,3-cd)pyrene		110.000	J	68	370 ug/Kg
P4162-05	A4ES4	Solid	Phenanthrene		250.000	J	63	370 ug/Kg
P4162-05	A4ES4	Solid	Pyrene		350.000	J	110	370 ug/Kg
Total Svoc :				2,640.00				
Total Concentration:				3,300.00				
Client ID : A4ES5								
P4162-06	A4ES5	Solid	(DEL) Alkane: Straight-Chain21.2	*	200.000	J		
P4162-06	A4ES5	Solid	1,1-Biphenyl, 2,2-dichloro-	*	130.000	J		

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SDG No.: BP100924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4162-06	A4ES5	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P4162-06	A4ES5	Solid	Cyclopentasiloxane, decamethyl-	*	280.000	J		
P4162-06	A4ES5	Solid	n-Hexadecanoic acid	*	130.000	J		
P4162-06	A4ES5	Solid	Total Alkanes	*	200.000	41	290	ug/Kg
Total Tics :					1,060.00			
Total Concentration:					1,060.00			
Client ID : A4ES7								
P4162-08	A4ES7	Solid	(DEL) Alkane: Straight-Chain21.2	*	280.000	J		
P4162-08	A4ES7	Solid	4H-Cyclopenta[def]phenanthrene	*	150.000	J		
P4162-08	A4ES7	Solid	Cyclopentasiloxane, decamethyl-	*	270.000	J		
P4162-08	A4ES7	Solid	n-Hexadecanoic acid	*	330.000	J		
P4162-08	A4ES7	Solid	Perylene	*	380.000	J		
P4162-08	A4ES7	Solid	Total Alkanes	*	280.000	48	340	ug/Kg
Total Tics :					1,690.00			
P4162-08	A4ES7	Solid	Acetophenone		97.000	J 79	650	ug/Kg
P4162-08	A4ES7	Solid	Anthracene		76.000	J 50	340	ug/Kg
P4162-08	A4ES7	Solid	Benzo(a)anthracene		450.000	53	340	ug/Kg
P4162-08	A4ES7	Solid	Benzo(a)pyrene		240.000	J 63	340	ug/Kg
P4162-08	A4ES7	Solid	Benzo(b)fluoranthene		840.000	65	340	ug/Kg
P4162-08	A4ES7	Solid	Benzo(k)fluoranthene		310.000	J 75	340	ug/Kg
P4162-08	A4ES7	Solid	Bis(2-ethylhexyl)phthalate		270.000	J 190	340	ug/Kg
P4162-08	A4ES7	Solid	Chrysene		640.000	61	340	ug/Kg
P4162-08	A4ES7	Solid	Dibenzo(a,h)anthracene		110.000	J 55	340	ug/Kg
P4162-08	A4ES7	Solid	Fluoranthene		1,200.000	110	340	ug/Kg
P4162-08	A4ES7	Solid	Indeno(1,2,3-cd)pyrene		230.000	J 61	340	ug/Kg
P4162-08	A4ES7	Solid	Phenanthrene		400.000	57	340	ug/Kg
P4162-08	A4ES7	Solid	Pyrene		680.000	97	340	ug/Kg
Total Svoc :					5,543.00			
Total Concentration:					7,233.00			
Client ID : A4ES8								
P4162-09	A4ES8	Solid	Cyclopentasiloxane, decamethyl-	*	230.000	J		
P4162-09	A4ES8	Solid	n-Hexadecanoic acid	*	140.000	J		
P4162-09	A4ES8	Solid	Pentadecafluorooctanoic acid, oct:	*	200.000	J		
P4162-09	A4ES8	Solid	unknown-01	*	140.000	J		
P4162-09	A4ES8	Solid	Total Alkanes	*	0.000	47	330	ug/Kg
Total Tics :					710.00			
P4162-09	A4ES8	Solid	Benzo(a)anthracene		78.000	J 52	330	ug/Kg
P4162-09	A4ES8	Solid	Benzo(a)pyrene		79.000	J 62	330	ug/Kg
P4162-09	A4ES8	Solid	Benzo(b)fluoranthene		99.000	J 64	330	ug/Kg
P4162-09	A4ES8	Solid	Chrysene		90.000	J 60	330	ug/Kg

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SDG No.: BP100924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4162-09	A4ES8	Solid	Fluoranthene	160.000	J	100	330	ug/Kg
P4162-09	A4ES8	Solid	Phenanthrene	84.000	J	56	330	ug/Kg
P4162-09	A4ES8	Solid	Pyrene	150.000	J	95	330	ug/Kg
Total Svoc :				740.00				
Total Concentration:				1,450.00				

Client ID : A4EH9

P4162-14	A4EH9	Solid	(DEL) Alkane: Straight-Chain23.9 *	500.000	J			
P4162-14	A4EH9	Solid	11H-Benzo[a]fluoren-11-one *	100.000	J			
P4162-14	A4EH9	Solid	11H-Benzo[b]fluorene *	120.000	J			
P4162-14	A4EH9	Solid	4H-Cyclopenta[def]phenanthrene *	220.000	J			
P4162-14	A4EH9	Solid	9,10-Anthracenedione *	160.000	J			
P4162-14	A4EH9	Solid	Benzo[j]fluoranthene *	700.000	J			
P4162-14	A4EH9	Solid	Benzophenone *	150.000	J			
P4162-14	A4EH9	Solid	Ethanol, 2-(tetradecyloxy)- *	330.000	J			
P4162-14	A4EH9	Solid	n-Hexadecanoic acid *	420.000	J			
P4162-14	A4EH9	Solid	Total Alkanes *	500.000		35	250	ug/Kg

Total Tics : 3,200.00

P4162-14	A4EH9	Solid	Acenaphthylene	82.000	J	47	250	ug/Kg
P4162-14	A4EH9	Solid	Acetophenone	100.000	J	58	480	ug/Kg
P4162-14	A4EH9	Solid	Anthracene	120.000	J	37	250	ug/Kg
P4162-14	A4EH9	Solid	Benzo(a)anthracene	640.000		39	250	ug/Kg
P4162-14	A4EH9	Solid	Benzo(a)pyrene	340.000		47	250	ug/Kg
P4162-14	A4EH9	Solid	Benzo(b)fluoranthene	1,200.000		48	250	ug/Kg
P4162-14	A4EH9	Solid	Benzo(k)fluoranthene	430.000		56	250	ug/Kg
P4162-14	A4EH9	Solid	Bis(2-ethylhexyl)phthalate	420.000		140	250	ug/Kg
P4162-14	A4EH9	Solid	Carbazole	74.000	J	41	480	ug/Kg
P4162-14	A4EH9	Solid	Chrysene	900.000		45	250	ug/Kg
P4162-14	A4EH9	Solid	Dibenzo(a,h)anthracene	160.000	J	41	250	ug/Kg
P4162-14	A4EH9	Solid	Fluoranthene	1,800.000		79	250	ug/Kg
P4162-14	A4EH9	Solid	Indeno(1,2,3-cd)pyrene	320.000		45	250	ug/Kg
P4162-14	A4EH9	Solid	Phenanthrene	590.000		42	250	ug/Kg
P4162-14	A4EH9	Solid	Pyrene	970.000		72	250	ug/Kg

Total Svoc : 8,146.00

Total Concentration: 11,346.00

Client ID : A4EJ0

P4162-15	A4EJ0	Solid	11H-Benzo[a]fluorene *	190.000	J			
P4162-15	A4EJ0	Solid	11H-Benzo[b]fluorene *	230.000	J			
P4162-15	A4EJ0	Solid	1H-Cyclopropa[1]phenanthrene, 1a *	380.000	J			
P4162-15	A4EJ0	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph *	310.000	J			

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SDG No.: BP100924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4162-15	A4EJ0	Solid	3-Methylcarbazole	*	190.000	J		
P4162-15	A4EJ0	Solid	4H-Benz[de]anthracene, 5,6-dihyc	*	130.000	J		
P4162-15	A4EJ0	Solid	4H-Cyclopenta[def]phenanthrene	*	1,400.000	J		
P4162-15	A4EJ0	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	430.000	J		
P4162-15	A4EJ0	Solid	9,10-Anthracenedione	*	470.000	J		
P4162-15	A4EJ0	Solid	9,10-Dimethylanthracene	*	120.000	J		
P4162-15	A4EJ0	Solid	9H-Carbazole, 2-methyl-	*	140.000	J		
P4162-15	A4EJ0	Solid	9H-Fluoren-9-one	*	210.000	J		
P4162-15	A4EJ0	Solid	9H-Fluorene, 9-methyl-	*	140.000	J		
P4162-15	A4EJ0	Solid	Acridine	*	200.000	J		
P4162-15	A4EJ0	Solid	Cyclopenta(def)phenanthrenone	*	350.000	J		
P4162-15	A4EJ0	Solid	Dehydrochamazulene	*	270.000	J		
P4162-15	A4EJ0	Solid	Dibenzofuran, 4-methyl-	*	340.000	J		
P4162-15	A4EJ0	Solid	Dibenzothiophene	*	430.000	J		
P4162-15	A4EJ0	Solid	Dibenzothiophene, 4-methyl-	*	240.000	J		
P4162-15	A4EJ0	Solid	Diphenylmethane	*	170.000	J		
P4162-15	A4EJ0	Solid	Naphthalene, 2,3-dimethyl-	*	120.000	J		
P4162-15	A4EJ0	Solid	Naphthalene, 2,7-dimethyl-	*	130.000	J		
P4162-15	A4EJ0	Solid	Phenanthrene, 1-methyl-	*	760.000	J		
P4162-15	A4EJ0	Solid	Phenanthrene, 2,5-dimethyl-	*	420.000	J		
P4162-15	A4EJ0	Solid	Phenanthrene, 2-methyl-	*	1,300.000	J		
P4162-15	A4EJ0	Solid	Phenanthrene, 4,5-dimethyl-	*	170.000	J		
P4162-15	A4EJ0	Solid	Phenanthrene, 4-methyl-	*	410.000	J		
P4162-15	A4EJ0	Solid	phenol, 2-[(ethylamino)methyl]-4-	*	130.000	J		
P4162-15	A4EJ0	Solid	Pyrene, 1-methyl-	*	160.000	J		
P4162-15	A4EJ0	Solid	unknown-01	*	150.000	J		
P4162-15	A4EJ0	Solid	Total Alkanes	*	0.000	31	220	ug/Kg
Total Tics :				10,090.00				
P4162-15	A4EJ0	Solid	1,1-Biphenyl		63.000	J	31	220 ug/Kg
P4162-15	A4EJ0	Solid	1-Methylnaphthalene		150.000	J	42	220 ug/Kg
P4162-15	A4EJ0	Solid	2-Methylnaphthalene		230.000		29	220 ug/Kg
P4162-15	A4EJ0	Solid	Acenaphthene		800.000		37	220 ug/Kg
P4162-15	A4EJ0	Solid	Acenaphthylene		84.000	J	41	220 ug/Kg
P4162-15	A4EJ0	Solid	Acetophenone		160.000	J	51	420 ug/Kg
P4162-15	A4EJ0	Solid	Anthracene		1,800.000		32	220 ug/Kg
P4162-15	A4EJ0	Solid	Benzo(a)anthracene		2,700.000		34	220 ug/Kg
P4162-15	A4EJ0	Solid	Benzo(a)pyrene		1,000.000		41	220 ug/Kg
P4162-15	A4EJ0	Solid	Benzo(b)fluoranthene		2,700.000		42	220 ug/Kg
P4162-15	A4EJ0	Solid	Benzo(g,h,i)perylene		93.000	J	33	220 ug/Kg
P4162-15	A4EJ0	Solid	Benzo(k)fluoranthene		1,000.000		48	220 ug/Kg

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SDG No.: BP100924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4162-15	A4EJ0	Solid	Bis(2-ethylhexyl)phthalate	330.000		120	220	ug/Kg
P4162-15	A4EJ0	Solid	Carbazole	740.000		36	420	ug/Kg
P4162-15	A4EJ0	Solid	Chrysene	2,800.000		39	220	ug/Kg
P4162-15	A4EJ0	Solid	Dibenzo(a,h)anthracene	370.000		36	220	ug/Kg
P4162-15	A4EJ0	Solid	Dibenzofuran	570.000		41	220	ug/Kg
P4162-15	A4EJ0	Solid	Fluoranthene	6,800.000	E	69	220	ug/Kg
P4162-15	A4EJ0	Solid	Fluorene	850.000		32	220	ug/Kg
P4162-15	A4EJ0	Solid	Indeno(1,2,3-cd)pyrene	670.000		39	220	ug/Kg
P4162-15	A4EJ0	Solid	Naphthalene	460.000		32	220	ug/Kg
P4162-15	A4EJ0	Solid	Phenanthrene	6,500.000	E	37	220	ug/Kg
P4162-15	A4EJ0	Solid	Pyrene	3,900.000	E	62	220	ug/Kg
Total Svoc :				34,770.00				
Total Concentration:				44,860.00				

Client ID : A4EJ1

P4162-16	A4EJ1	Solid	(DEL) Alkane: Straight-Chain20.0 *	120.000	J			
P4162-16	A4EJ1	Solid	(DEL) Alkane: Straight-Chain21.2 *	270.000	J			
P4162-16	A4EJ1	Solid	1,1-Biphenyl, 2,2,4,5-tetrachlo *	120.000	J			
P4162-16	A4EJ1	Solid	1,1-Biphenyl, 2,3,3-trichloro- *	200.000	J			
P4162-16	A4EJ1	Solid	1,1-Biphenyl, 2,4,4-trichloro- *	220.000	J			
P4162-16	A4EJ1	Solid	1,1-Biphenyl, 2,4,5-trichloro- *	120.000	J			
P4162-16	A4EJ1	Solid	2,2,3,6-Tetrachloro-1,1-biphenyl *	160.000	J			
P4162-16	A4EJ1	Solid	Benzophenone *	270.000	J			
P4162-16	A4EJ1	Solid	n-Hexadecanoic acid *	380.000	J			
P4162-16	A4EJ1	Solid	Octadecanoic acid *	110.000	J			
P4162-16	A4EJ1	Solid	Total Alkanes *	390.000		38	270	ug/Kg
Total Tics :				2,360.00				
P4162-16	A4EJ1	Solid	Benzo(a)anthracene	110.000	J	43	270	ug/Kg
P4162-16	A4EJ1	Solid	Benzo(a)pyrene	110.000	J	50	270	ug/Kg
P4162-16	A4EJ1	Solid	Benzo(b)fluoranthene	150.000	J	52	270	ug/Kg
P4162-16	A4EJ1	Solid	Benzo(g,h,i)perylene	80.000	J	41	270	ug/Kg
P4162-16	A4EJ1	Solid	Chrysene	120.000	J	49	270	ug/Kg
P4162-16	A4EJ1	Solid	Fluoranthene	240.000	J	85	270	ug/Kg
P4162-16	A4EJ1	Solid	Indeno(1,2,3-cd)pyrene	62.000	J	49	270	ug/Kg
P4162-16	A4EJ1	Solid	Phenanthrene	140.000	J	46	270	ug/Kg
P4162-16	A4EJ1	Solid	Pyrene	220.000	J	77	270	ug/Kg
Total Svoc :				1,232.00				
Total Concentration:				3,592.00				

Client ID : A4EJ2

P4162-17	A4EJ2	Solid	(DEL) Alkane: Straight-Chain21.2 *	180.000	J			
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Hit Summary Sheet SW-846

SDG No.: BP100924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4162-17	A4EJ2	Solid	1,1-Biphenyl, 3,3,5-trichloro-	*	100.000	J		
P4162-17	A4EJ2	Solid	4-Bromothiophene-2-aldehyde	*	320.000	J		
P4162-17	A4EJ2	Solid	9,10-Anthracenedione	*	120.000	J		
P4162-17	A4EJ2	Solid	Benzophenone	*	120.000	J		
P4162-17	A4EJ2	Solid	Cyclopenta(def)phenanthrenone	*	140.000	J		
P4162-17	A4EJ2	Solid	n-Hexadecanoic acid	*	400.000	J		
P4162-17	A4EJ2	Solid	Phenanthrene, 1-methyl-	*	180.000	J		
P4162-17	A4EJ2	Solid	Phenanthrene, 2,5-dimethyl-	*	100.000	J		
P4162-17	A4EJ2	Solid	Phenanthrene, 2-methyl-	*	140.000	J		
P4162-17	A4EJ2	Solid	Total Alkanes	*	180.000		32	230 ug/Kg
Total Tics :					1,980.00			
P4162-17	A4EJ2	Solid	Acenaphthene		49.000	J	39	230 ug/Kg
P4162-17	A4EJ2	Solid	Acenaphthylene		57.000	J	43	230 ug/Kg
P4162-17	A4EJ2	Solid	Acetophenone		57.000	J	54	440 ug/Kg
P4162-17	A4EJ2	Solid	Anthracene		160.000	J	34	230 ug/Kg
P4162-17	A4EJ2	Solid	Benzo(a)anthracene		530.000		36	230 ug/Kg
P4162-17	A4EJ2	Solid	Benzo(a)pyrene		240.000		43	230 ug/Kg
P4162-17	A4EJ2	Solid	Benzo(b)fluoranthene		680.000		44	230 ug/Kg
P4162-17	A4EJ2	Solid	Benzo(k)fluoranthene		250.000		51	230 ug/Kg
P4162-17	A4EJ2	Solid	Bis(2-ethylhexyl)phthalate		290.000		130	230 ug/Kg
P4162-17	A4EJ2	Solid	Carbazole		59.000	J	38	440 ug/Kg
P4162-17	A4EJ2	Solid	Chrysene		580.000		42	230 ug/Kg
P4162-17	A4EJ2	Solid	Dibenzo(a,h)anthracene		92.000	J	38	230 ug/Kg
P4162-17	A4EJ2	Solid	Fluoranthene		1,300.000		73	230 ug/Kg
P4162-17	A4EJ2	Solid	Fluorene		69.000	J	34	230 ug/Kg
P4162-17	A4EJ2	Solid	Indeno(1,2,3-cd)pyrene		190.000	J	42	230 ug/Kg
P4162-17	A4EJ2	Solid	Phenanthrene		810.000		39	230 ug/Kg
P4162-17	A4EJ2	Solid	Pyrene		800.000		66	230 ug/Kg
Total Svoc :					6,213.00			
Total Concentration:					8,193.00			

Client ID : A4EJ3

P4162-18	A4EJ3	Solid	(DEL) Alkane: Straight-Chain21.2	*	240.000	J		
P4162-18	A4EJ3	Solid	(DEL) Alkane: Straight-Chain23.5	*	270.000	J		
P4162-18	A4EJ3	Solid	11H-Benzo[b]fluorene	*	140.000	J		
P4162-18	A4EJ3	Solid	4H-Cyclopenta[def]phenanthrene	*	300.000	J		
P4162-18	A4EJ3	Solid	9,10-Anthracenedione	*	160.000	J		
P4162-18	A4EJ3	Solid	Benzophenone	*	190.000	J		
P4162-18	A4EJ3	Solid	Cyclopenta(def)phenanthrenone	*	150.000	J		
P4162-18	A4EJ3	Solid	n-Hexadecanoic acid	*	790.000	J		
P4162-18	A4EJ3	Solid	Naphthalene, 2-phenyl-	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BP100924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4162-18	A4EJ3	Solid	Phenanthrene, 2,5-dimethyl-	*	110.000	J		
P4162-18	A4EJ3	Solid	Total Alkanes	*	510.000	36	260	ug/Kg
Total Tics :				2,970.00				
P4162-18	A4EJ3	Solid	Acenaphthene		53.000	J 44	260	ug/Kg
P4162-18	A4EJ3	Solid	Acenaphthylene		75.000	J 48	260	ug/Kg
P4162-18	A4EJ3	Solid	Acetophenone		73.000	J 60	500	ug/Kg
P4162-18	A4EJ3	Solid	Anthracene		190.000	J 38	260	ug/Kg
P4162-18	A4EJ3	Solid	Benzo(a)anthracene		820.000	41	260	ug/Kg
P4162-18	A4EJ3	Solid	Benzo(a)pyrene		410.000	48	260	ug/Kg
P4162-18	A4EJ3	Solid	Benzo(b)fluoranthene	1,300.000		50	260	ug/Kg
P4162-18	A4EJ3	Solid	Benzo(k)fluoranthene	420.000		57	260	ug/Kg
P4162-18	A4EJ3	Solid	Bis(2-ethylhexyl)phthalate	370.000		140	260	ug/Kg
P4162-18	A4EJ3	Solid	Carbazole	87.000	J	42	500	ug/Kg
P4162-18	A4EJ3	Solid	Chrysene	1,000.000		47	260	ug/Kg
P4162-18	A4EJ3	Solid	Dibenzo(a,h)anthracene	160.000	J	42	260	ug/Kg
P4162-18	A4EJ3	Solid	Fluoranthene	2,200.000		82	260	ug/Kg
P4162-18	A4EJ3	Solid	Fluorene	62.000	J	38	260	ug/Kg
P4162-18	A4EJ3	Solid	Indeno(1,2,3-cd)pyrene	340.000		47	260	ug/Kg
P4162-18	A4EJ3	Solid	Phenanthrene	940.000		44	260	ug/Kg
P4162-18	A4EJ3	Solid	Pyrene	1,300.000		74	260	ug/Kg
Total Svoc :				9,800.00				
Total Concentration:				12,770.00				
Client ID : A4EJ5								
P4162-20	A4EJ5	Solid	(DEL) Alkane: Cyclic22.439	*	300.000	J		
P4162-20	A4EJ5	Solid	(DEL) Alkane: Straight-Chain23.5	*	400.000	J		
P4162-20	A4EJ5	Solid	(DEL) Alkane: Straight-Chain24.0	*	540.000	J		
P4162-20	A4EJ5	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	99.000	J		
P4162-20	A4EJ5	Solid	4H-Cyclopenta[def]phenanthrene	*	410.000	J		
P4162-20	A4EJ5	Solid	5H-Dibenzo[a,d]cycloheptene	*	97.000	J		
P4162-20	A4EJ5	Solid	9,10-Anthracenedione	*	230.000	J		
P4162-20	A4EJ5	Solid	Benzophenone	*	160.000	J		
P4162-20	A4EJ5	Solid	Cyclopenta(def)phenanthrenone	*	170.000	J		
P4162-20	A4EJ5	Solid	di-p-Tolylacetylene	*	90.000	J		
P4162-20	A4EJ5	Solid	Dibenzothiophene, 4-methyl-	*	95.000	J		
P4162-20	A4EJ5	Solid	Fluoranthene, 2-methyl-	*	120.000	J		
P4162-20	A4EJ5	Solid	n-Hexadecanoic acid	*	320.000	J		
P4162-20	A4EJ5	Solid	Naphthalene, 2-phenyl-	*	150.000	J		
P4162-20	A4EJ5	Solid	Pentadecafluorooctanoic acid, hex	*	250.000	J		
P4162-20	A4EJ5	Solid	Phenanthrene, 1-methyl-	*	280.000	J		
P4162-20	A4EJ5	Solid	Phenanthrene, 2,5-dimethyl-	*	120.000	J		

Hit Summary Sheet SW-846

SDG No.: BP100924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P4162-20	A4EJ5	Solid	Total Alkanes	*	1,200.000	32	220	ug/Kg	
Total Tics :				5,031.00					
P4162-20	A4EJ5	Solid	Acenaphthene		90.000	J	38	220	ug/Kg
P4162-20	A4EJ5	Solid	Acenaphthylene		95.000	J	42	220	ug/Kg
P4162-20	A4EJ5	Solid	Acetophenone		57.000	J	53	430	ug/Kg
P4162-20	A4EJ5	Solid	Anthracene		260.000		33	220	ug/Kg
P4162-20	A4EJ5	Solid	Benzo(a)anthracene		960.000		36	220	ug/Kg
P4162-20	A4EJ5	Solid	Benzo(a)pyrene		470.000		42	220	ug/Kg
P4162-20	A4EJ5	Solid	Benzo(b)fluoranthene		1,600.000		43	220	ug/Kg
P4162-20	A4EJ5	Solid	Benzo(g,h,i)perylene		64.000	J	34	220	ug/Kg
P4162-20	A4EJ5	Solid	Benzo(k)fluoranthene		460.000		50	220	ug/Kg
P4162-20	A4EJ5	Solid	Bis(2-ethylhexyl)phthalate		480.000		130	220	ug/Kg
P4162-20	A4EJ5	Solid	Carbazole		110.000	J	37	430	ug/Kg
P4162-20	A4EJ5	Solid	Chrysene		1,200.000		41	220	ug/Kg
P4162-20	A4EJ5	Solid	Dibenzo(a,h)anthracene		190.000	J	37	220	ug/Kg
P4162-20	A4EJ5	Solid	Dibenzofuran		47.000	J	42	220	ug/Kg
P4162-20	A4EJ5	Solid	Fluoranthene		2,400.000		71	220	ug/Kg
P4162-20	A4EJ5	Solid	Fluorene		97.000	J	33	220	ug/Kg
P4162-20	A4EJ5	Solid	Indeno(1,2,3-cd)pyrene		410.000		41	220	ug/Kg
P4162-20	A4EJ5	Solid	Naphthalene		62.000	J	33	220	ug/Kg
P4162-20	A4EJ5	Solid	Phenanthrene		1,300.000		38	220	ug/Kg
P4162-20	A4EJ5	Solid	Pyrene		1,600.000		65	220	ug/Kg
Total Svoc :				11,952.00					
Total Concentration:				16,983.00					
Client ID : A4EJ6									
P4162-21	A4EJ6	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	130.000	J			
P4162-21	A4EJ6	Solid	Benzophenone	*	200.000	J			
P4162-21	A4EJ6	Solid	Cyclopentasiloxane, decamethyl-	*	350.000	J			
P4162-21	A4EJ6	Solid	n-Hexadecanoic acid	*	240.000	J			
P4162-21	A4EJ6	Solid	Pentafluoropropionic acid, pentad	*	160.000	J			
P4162-21	A4EJ6	Solid	Total Alkanes	*	0.000	41	290	ug/Kg	
Total Tics :				1,080.00					
Total Concentration:				1,080.00					
Client ID : EY061									
P4207-02	EY061	Water	(DEL) Alkane: Cyclic11.375	*	17.000	J			
P4207-02	EY061	Water	(DEL) Alkane: Cyclic11.710	*	7.600	J			
P4207-02	EY061	Water	(Z)-Hex-3-enyl (E)-2-methylbut-2	*	5.700	J			
P4207-02	EY061	Water	3,5-Dimethylhexanoic acid	*	180.000	J			
P4207-02	EY061	Water	Benzene, 1-ethyl-4-methyl-	*	6.400	J			

Hit Summary Sheet

SW-846

SDG No.: BP100924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4207-02	EY061	Water	Benzeneacetic acid, .alpha.-methy	*	4.600	J		
P4207-02	EY061	Water	Benzoic acid, 2,4,6-trimethyl-	*	4.600	J		
P4207-02	EY061	Water	Benzophenone	*	6.700	J		
P4207-02	EY061	Water	Butanoic acid, 2-ethyl-, 1,2,3-pro	*	7.700	J		
P4207-02	EY061	Water	Hexanoic acid, 2-methyl-	*	12.000	J		
P4207-02	EY061	Water	n-Hexadecanoic acid	*	5.900	J		
P4207-02	EY061	Water	Spiro[2.4]heptane, 4-methylene-	*	5.800	J		
P4207-02	EY061	Water	unknown-01	*	4.600	J		
P4207-02	EY061	Water	unknown-02	*	7.300	J		
P4207-02	EY061	Water	unknown-03	*	36.000	J		
P4207-02	EY061	Water	unknown-04	*	17.000	J		
P4207-02	EY061	Water	unknown-05	*	50.000	J		
P4207-02	EY061	Water	unknown-06	*	150.000	J		
P4207-02	EY061	Water	unknown-07	*	42.000	J		
P4207-02	EY061	Water	unknown-08	*	16.000	J		
P4207-02	EY061	Water	unknown-09	*	8.300	J		
P4207-02	EY061	Water	unknown-10	*	5.900	J		
P4207-02	EY061	Water	unknown-11	*	6.100	J		
P4207-02	EY061	Water	unknown-12	*	5.200	J		
P4207-02	EY061	Water	unknown-13	*	15.000	J		
P4207-02	EY061	Water	unknown-14	*	18.000	J		
P4207-02	EY061	Water	unknown-15	*	7.300	J		
P4207-02	EY061	Water	unknown-16	*	38.000	J		
P4207-02	EY061	Water	unknown-17	*	32.000	J		
P4207-02	EY061	Water	unknown-18	*	14.000	J		
P4207-02	EY061	Water	unknown-19	*	21.000	J		
P4207-02	EY061	Water	unknown-20	*	4.800	J		
P4207-02	EY061	Water	Total Alkanes	*	25.000	1.1	5	ug/L
			Total Tics :		787.50			
P4207-02	EY061	Water	1,4-Dioxane		2.600	0.35	2	ug/L
			Total Svoc :		2.60			
			Total Concentration:		790.10			
Client ID :	EY062							
P4207-03	EY062	Water	Benzophenone	*	2.400	J		
P4207-03	EY062	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
			Total Tics :		2.40			
P4207-03	EY062	Water	1,4-Dioxane		5.400	0.36	2	ug/L
			Total Svoc :		5.40			
			Total Concentration:		7.80			

Client ID : EY069



Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4207-07	EY069	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID :		EY084						
P4207-08	EY084	Water	1-Hexanol, 2-ethyl-	*	7.700	J		
P4207-08	EY084	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	6.900	J		
P4207-08	EY084	Water	Aceto phenone	*	3.600	J		
P4207-08	EY084	Water	Creosol	*	3.400	J		
P4207-08	EY084	Water	Phenol, 2-methoxy-	*	3.800	J		
P4207-08	EY084	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			25.40		
			Total Concentration:			25.40		
Client ID :		EY052						
P4207-09	EY052	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			0.00		
P4207-09	EY052	Water	1,4-Dioxane		2.000	0.35	2	ug/L
			Total Svoc :			2.00		
			Total Concentration:			2.00		
Client ID :		EY050						
P4207-12	EY050	Water	Benzophenone	*	4.700	J		
P4207-12	EY050	Water	n-Hexadecanoic acid	*	3.300	J		
P4207-12	EY050	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			8.00		
P4207-12	EY050	Water	1,4-Dioxane		4.100	0.35	2	ug/L
			Total Svoc :			4.10		
			Total Concentration:			12.10		
Client ID :		EY051						
P4207-13	EY051	Water	(DEL) Alkane: Straight-Chain21.2	*	2.900	J		
P4207-13	EY051	Water	(DEL) Alkane: Straight-Chain21.7	*	3.500	J		
P4207-13	EY051	Water	(DEL) Alkane: Straight-Chain22.4	*	3.400	J		
P4207-13	EY051	Water	(DEL) Alkane: Straight-Chain23.1	*	2.700	J		
P4207-13	EY051	Water	Benzophenone	*	3.800	J		
P4207-13	EY051	Water	n-Hexadecanoic acid	*	3.600	J		
P4207-13	EY051	Water	Total Alkanes	*	13.000	1.1	5.1	ug/L
			Total Tics :			32.90		
P4207-13	EY051	Water	1,4-Dioxane		3.300	0.36	2	ug/L
			Total Svoc :			3.30		
			Total Concentration:			36.20		
Client ID :		EY053						

Hit Summary Sheet
SW-846

SDG No.: BP100924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4207-14	EY053	Water	Benzophenone	*	2.300	J		
P4207-14	EY053	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			2.30		
			Total Concentration:			2.30		

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:		RRF _{FAL1} = BP022257.D		RRF _{FAL2} = BP022258.D		RRF _{FAL3} = BP022259.D		
		RRF _{FAL4} = BP022260.D		RRF _{FAL5} = BP022261.D		RRF _{FAL6} = BP022262.D		
COMPOUND	RRF _{FAL1}	RRF _{FAL2}	RRF _{FAL3}	RRF _{FAL4}	RRF _{FAL5}	RRF _{FAL6}	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.: BP100924 SAS No.: BP100924 SDG NO.: BP100924

EPA Sample No.: SSTD020623 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 11:34

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	SBLK678	192353 *	7.70	683274 *	10.46	508582 *	14.32
02	A4EJ6	140886	7.70	537827	10.47	420414	14.32
03	A4ES5	196927 *	7.71	751088 *	10.46	553759 *	14.31
04	A4ER7	187148 *	7.71	745296 *	10.46	601138 *	14.32
05	A4ES8	184200 *	7.70	667046 *	10.46	447991	14.31
06	A4ER8	182797 *	7.70	667027 *	10.47	469421	14.32
07	A4ES4	175151 *	7.71	652680 *	10.46	480245	14.32
08	A4ES7	174876 *	7.71	657888 *	10.46	486960 *	14.32
09	A4EJ3	176861 *	7.71	697221 *	10.46	530739 *	14.32
10	A4EJ5	170952 *	7.71	626295	10.46	430265	14.32
11	A4EJ1	136613	7.71	543976	10.47	425856	14.32
12	A4EJ2	149682	7.71	544858	10.46	403274	14.32
13	A4EH9	120605	7.71	473324	10.46	375184	14.32
14	A4EJ0	137555	7.71	554868	10.47	423047	14.32
15	SBLK726	136712	7.71	534585	10.46	404584	14.32
16	SBLK728	135700	7.71	513324	10.46	399920	14.32
17	A4ER7	176525 *	7.71	711400 *	10.47	562287 *	14.32
18	EY069	144633	7.71	567369	10.46	439280	14.32
19	EY084	125973	7.71	505785	10.46	403534	14.32
20	EY050	119494	7.71	475777	10.46	373942	14.32
21	EY051	140803	7.71	521911	10.46	399900	14.31
22	EY053	111879	7.71	425660	10.46	344949	14.31
23	EY052	118133	7.71	465486	10.46	374263	14.32

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP100924 SAS No.: BP100924 SDG NO.: BP100924

EPA Sample No.: SSTD020623 Date Analyzed: Oct 10 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 04:38

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.						
24 EY052MS	122412	7.71	499246	10.46	395045	14.32
25 EY052MSD	121458	7.71	481007	10.46	373043	14.32
26 EY061	142645	7.71	553663	10.46	454497	14.32
27 EY062	127265	7.71	479009	10.46	365868	14.32
28 SLCS728	135329	7.71	511500	10.46	393457	14.30
29 SLCS726	118697	7.71	438823	10.46	346113	14.32

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.: BP100924 SAS No.: BP100924 SDG NO.: BP100924

EPA Sample No.: SSTD020793 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BP022284.D Time Analyzed: 11:34

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	112533	7.705	406897	10.46	290260	14.32
UPPER LIMIT	225066	8.205	813794	10.957	580520	14.816
LOWER LIMIT	56266.5	7.205	203448.5	9.957	145130	13.816
EPA SAMPLE NO.						
01 SBLK678	192353	7.70	683274	10.46	508582	14.32
02 A4EJ6	140886	7.70	537827	10.47	420414	14.32
03 A4ES5	196927	7.71	751088	10.46	553759	14.31
04 A4ER7	187148	7.71	745296	10.46	601138 *	14.32
05 A4ES8	184200	7.70	667046	10.46	447991	14.31
06 A4ER8	182797	7.70	667027	10.47	469421	14.32
07 A4ES4	175151	7.71	652680	10.46	480245	14.32
08 A4ES7	174876	7.71	657888	10.46	486960	14.32
09 A4EJ3	176861	7.71	697221	10.46	530739	14.32
10 A4EJ5	170952	7.71	626295	10.46	430265	14.32
11 A4EJ1	136613	7.71	543976	10.47	425856	14.32
12 A4EJ2	149682	7.71	544858	10.46	403274	14.32
13 A4EH9	120605	7.71	473324	10.46	375184	14.32
14 A4EJ0	137555	7.71	554868	10.47	423047	14.32

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.: BP100924 SAS No.: BP100924 SDG NO.: BP100924

EPA Sample No.: SSTD020794 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BP022299.D Time Analyzed: 22:30

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	107914	7.71	427589	10.46	352220	14.32
	UPPER LIMIT	215828	8.21	855178	10.963	704440	14.816
	LOWER LIMIT	53957	7.21	213794.5	9.963	176110	13.816
	EPA SAMPLE NO.						
01	SBLK726	136712	7.71	534585	10.46	404584	14.32
02	SBLK728	135700	7.71	513324	10.46	399920	14.32
03	A4ER7	176525	7.71	711400	10.47	562287	14.32
04	EY069	144633	7.71	567369	10.46	439280	14.32
05	EY084	125973	7.71	505785	10.46	403534	14.32
06	EY050	119494	7.71	475777	10.46	373942	14.32
07	EY051	140803	7.71	521911	10.46	399900	14.31
08	EY053	111879	7.71	425660	10.46	344949	14.31
09	EY052	118133	7.71	465486	10.46	374263	14.32
10	EY052MS	122412	7.71	499246	10.46	395045	14.32
11	EY052MSD	121458	7.71	481007	10.46	373043	14.32
12	EY061	142645	7.71	553663	10.46	454497	14.32
13	EY062	127265	7.71	479009	10.46	365868	14.32
14	SLCS728	135329	7.71	511500	10.46	393457	14.30
15	SLCS726	118697	7.71	438823	10.46	346113	14.32

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.: BP100924 SAS No.: BP100924 SDG NO.: BP100924

EPA Sample No.: SSTD020623 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 11:34

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	SBLK678	1.17452	17.12	1.29167e+	21.54	1.57963e+	24.82
02	A4EJ6	1.01441	17.11	1.01428e+	21.55	1.21505e+	24.85
03	A4ES5	1.22113*	17.11	1.24361e+	21.54	1.52459e+	24.83
04	A4ER7	1.42122*	17.12	1.37384e+	21.55	1.57753e+	24.84
05	A4ES8	940407	17.12	1.06931e+	21.54	1.33246e+	24.84
06	A4ER8	1.10244	17.11	1.18592e+	21.55	1.44573e+	24.85
07	A4ES4	1.15204	17.11	1.23976e+	21.54	1.51547e+	24.83
08	A4ES7	1.11106	17.12	1.0782e+0	21.55	1.32485e+	24.86
09	A4EJ3	1.19422*	17.12	1.09348e+	21.56	1.31265e+	24.86
10	A4EJ5	909901	17.12	871024	21.55	1.06292e+	24.83
11	A4EJ1	1.00938	17.12	965504	21.55	1.17445e+	24.86
12	A4EJ2	914994	17.12	890253	21.55	1.10277e+	24.85
13	A4EH9	911517	17.12	852951	21.55	1.07274e+	24.84
14	A4EJ0	932678	17.12	879507	21.57	1.09474e+	24.87
15	SBLK726	1.00863	17.11	941674	21.55	1.08962e+	24.84
16	SBLK728	988322	17.11	977949	21.55	1.14255e+	24.83
17	A4ER7	1.31219*	17.11	1.20179e+	21.54	1.41797e+	24.83
18	EY069	1.02622	17.12	972629	21.55	1.12327e+	24.85
19	EY084	979510	17.11	963357	21.55	1.10699e+	24.83
20	EY050	918580	17.10	942319	21.54	1.09924e+	24.82
21	EY051	964162	17.12	1.04907e+	21.55	1.21261e+	24.84

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP100924 SAS No.: BP100924 SDG NO.: BP100924

EPA Sample No.: SSTD020623 Date Analyzed: Oct 10 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 03:16

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.						
22 EY053	870957	17.11	908126	21.55	1.05199e+	24.83
23 EY052	948209	17.12	949902	21.55	1.10708e+	24.86
24 EY052MS	952570	17.11	932593	21.55	1.09296e+	24.84
25 EY052MSD	913055	17.12	893921	21.55	1.03453e+	24.83
26 EY061	1.0931e	17.12	1.08214e+	21.54	1.29123e+	24.84
27 EY062	897598	17.10	985077	21.54	1.11079e+	24.83
28 SLCS728	968343	17.10	1.04374e+	21.53	1.21632e+	24.82
29 SLCS726	894197	17.11	978918	21.55	1.13761e+	24.83

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.: BP100924 SAS No.: BP100924 SDG NO.: BP100924

EPA Sample No.: SSTD020793 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BP022284.D Time Analyzed: 11:34

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	672348	17.104	738466	21.545	944445	24.833
UPPER LIMIT	1344696	17.604	1476932	22.045	1888890	25.333
LOWER LIMIT	336174	16.604	369233	21.045	472222.5	24.333
EPA SAMPLE NO.						
01 SBLK678	1.17452	17.12	1.29167e+	21.54	1.57963e+	24.82
02 A4EJ6	1.01441	17.11	1.01428e+	21.55	1.21505e+	24.85
03 A4ES5	1.22113	17.11	1.24361e+	21.54	1.52459e+	24.83
04 A4ER7	1.42122*	17.12	1.37384e+	21.55	1.57753e+	24.84
05 A4ES8	940407	17.12	1.06931e+	21.54	1.33246e+	24.84
06 A4ER8	1.10244	17.11	1.18592e+	21.55	1.44573e+	24.85
07 A4ES4	1.15204	17.11	1.23976e+	21.54	1.51547e+	24.83
08 A4ES7	1.11106	17.12	1.0782e+0	21.55	1.32485e+	24.86
09 A4EJ3	1.19422	17.12	1.09348e+	21.56	1.31265e+	24.86
10 A4EJ5	909901	17.12	871024	21.55	1.06292e+	24.83
11 A4EJ1	1.00938	17.12	965504	21.55	1.17445e+	24.86
12 A4EJ2	914994	17.12	890253	21.55	1.10277e+	24.85
13 A4EH9	911517	17.12	852951	21.55	1.07274e+	24.84
14 A4EJ0	932678	17.12	879507	21.57	1.09474e+	24.87

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.: BP100924 SAS No.: BP100924 SDG NO.: BP100924

EPA Sample No.: SSTD020794 Date Analyzed: Oct 9 2024 12:00AM

Lab File ID: BP022299.D Time Analyzed: 22:30

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	872510	17.11	804447	21.551	957674	24.857
	UPPER LIMIT	1745020	17.61	1608894	22.051	1915348	25.357
	LOWER LIMIT	436255	16.61	402223.5	21.051	478837	24.357
	EPA SAMPLE NO.						
01	SBLK726	1.00863	17.11	941674	21.55	1.08962e+	24.84
02	SBLK728	988322	17.11	977949	21.55	1.14255e+	24.83
03	A4ER7	1.31219	17.11	1.20179e+	21.54	1.41797e+	24.83
04	EY069	1.02622	17.12	972629	21.55	1.12327e+	24.85
05	EY084	979510	17.11	963357	21.55	1.10699e+	24.83
06	EY050	918580	17.10	942319	21.54	1.09924e+	24.82
07	EY051	964162	17.12	1.04907e+	21.55	1.21261e+	24.84
08	EY053	870957	17.11	908126	21.55	1.05199e+	24.83
09	EY052	948209	17.12	949902	21.55	1.10708e+	24.86
10	EY052MS	952570	17.11	932593	21.55	1.09296e+	24.84
11	EY052MSD	913055	17.12	893921	21.55	1.03453e+	24.83
12	EY061	1.0931e	17.12	1.08214e+	21.54	1.29123e+	24.84
13	EY062	897598	17.10	985077	21.54	1.11079e+	24.83
14	SLCS728	968343	17.10	1.04374e+	21.53	1.21632e+	24.82
15	SLCS726	894197	17.11	978918	21.55	1.13761e+	24.83

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP100924 SAS No.: BP100924 SDG NO.: BP100924

EPA Sample No.: SSTD020794 Date Analyzed: Oct 10 2024 12:00AM

Lab File ID: BP022299.D Time Analyzed: 08:03

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	872510	17.11	804447	21.551	957674	24.857
UPPER LIMIT	1745020	17.61	1608894	22.051	1915348	25.357
LOWER LIMIT	436255	16.61	402223.5	21.051	478837	24.357
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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD			Limits		
						RPD	Qual	Qual	Low	High	RPD
PB163726BS	1,4-Dioxane	16	9.1	ug/L	57				0	0	
	Benzaldehyde	40	26	ug/L	65				0	0	
	Pyridine	40	23	ug/L	58				0	0	
	Phenol	40	25	ug/L	63				0	0	
	Bis(2-chloroethyl)ether	40	25	ug/L	63				0	0	
	2-Chlorophenol	40	26	ug/L	65				0	0	
	2-Methylphenol	40	25	ug/L	63				0	0	
	2,2-oxybis(1-Chloropropane)	40	24	ug/L	60				0	0	
	Acetophenone	40	25	ug/L	63				0	0	
	4-Methylphenol	40	25	ug/L	63				0	0	
	N-Nitroso-di-n-propylamine	40	25	ug/L	63				0	0	
	Hexachloroethane	40	25	ug/L	63				0	0	
	Nitrobenzene	40	26	ug/L	65				0	0	
	Isophorone	40	26	ug/L	65				0	0	
	2-Nitrophenol	40	28	ug/L	70				0	0	
	2,4-Dimethylphenol	40	23	ug/L	58				0	0	
	Bis(2-chloroethoxy)methane	40	25	ug/L	63				0	0	
	2,4-Dichlorophenol	40	27	ug/L	68				0	0	
	Naphthalene	40	26	ug/L	65				0	0	
	4-Chloroaniline	40	22	ug/L	55				0	0	
	Hexachlorobutadiene	40	26	ug/L	65				0	0	
	Caprolactam	40	27	ug/L	68				0	0	
	4-Chloro-3-methylphenol	40	28	ug/L	70				0	0	
	1-Methylnaphthalene	40	26	ug/L	65				0	0	
	2-Methylnaphthalene	40	26	ug/L	65				0	0	
	Hexachlorocyclopentadiene	40	16	ug/L	40				0	0	
	2,4,6-Trichlorophenol	40	26	ug/L	65				0	0	
	2,4,5-Trichlorophenol	40	28	ug/L	70				0	0	
	1,1'-Biphenyl	40	26	ug/L	65				0	0	
	2-Chloronaphthalene	40	26	ug/L	65				0	0	
	2-Nitroaniline	40	28	ug/L	70				0	0	
	Dimethylphthalate	40	26	ug/L	65				0	0	
	2,6-Dinitrotoluene	40	29	ug/L	73				0	0	
	Acenaphthylene	40	27	ug/L	68				0	0	
	3-Nitroaniline	40	29	ug/L	73				0	0	
	Acenaphthene	40	26	ug/L	65				0	0	
	2,4-Dinitrophenol	40	24	ug/L	60				0	0	
	4-Nitrophenol	40	28	ug/L	70				0	0	
	Dibenzofuran	40	26	ug/L	65				0	0	
	2,4-Dinitrotoluene	40	29	ug/L	73				0	0	
	Diethylphthalate	40	26	ug/L	65				0	0	
	Fluorene	40	27	ug/L	68				0	0	
	4-Chlorophenyl-phenylether	40	26	ug/L	65				0	0	
	4-Nitroaniline	40	33	ug/L	83				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163726BS	4,6-Dinitro-2-methylphenol	40	25	ug/L	63				0	0		
	N-Nitrosodiphenylamine	40	25	ug/L	63				0	0		
	1,2,4,5-Tetrachlorobenzene	40	26	ug/L	65				0	0		
	4-Bromophenyl-phenylether	40	26	ug/L	65				0	0		
	Hexachlorobenzene	40	27	ug/L	68				0	0		
	Atrazine	40	19	ug/L	48				0	0		
	Pentachlorophenol	40	26	ug/L	65				0	0		
	Phenanthrene	40	26	ug/L	65				0	0		
	Pentachlorobenzene	40	24	ug/L	60				0	0		
	Anthracene	40	26	ug/L	65				0	0		
	1,2,3,4-Tetrachlorobenzene	40	24	ug/L	60				0	0		
	Carbazole	40	27	ug/L	68				0	0		
	Di-n-butylphthalate	40	26	ug/L	65				0	0		
	Fluoranthene	40	29	ug/L	73				0	0		
	Pyrene	40	29	ug/L	73				0	0		
	Butylbenzylphthalate	40	28	ug/L	70				0	0		
	3,3'-Dichlorobenzidine	40	27	ug/L	68				0	0		
	Benzo(a)anthracene	40	27	ug/L	68				0	0		
	Chrysene	40	27	ug/L	68				0	0		
	Bis(2-ethylhexyl)phthalate	40	27	ug/L	68				0	0		
	Di-n-octylphthalate	40	28	ug/L	70				0	0		
	Benzo(b)fluoranthene	40	27	ug/L	68				0	0		
	Benzo(k)fluoranthene	40	27	ug/L	68				0	0		
	Benzo(a)pyrene	40	26	ug/L	65				0	0		
	Indeno(1,2,3-cd)pyrene	40	26	ug/L	65				0	0		
	Dibenzo(a,h)anthracene	40	26	ug/L	65				0	0		
	Benzo(g,h,i)perylene	40	26	ug/L	65				0	0		
	2,3,4,6-Tetrachlorophenol	40	27	ug/L	68				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163728BS	1,4-Dioxane	16	7.5	ug/L	47				0	0		
	Benzaldehyde	40	23	ug/L	58				0	0		
	Pyridine	40	19	ug/L	48				0	0		
	Phenol	40	22	ug/L	55				0	0		
	Bis(2-chloroethyl)ether	40	22	ug/L	55				0	0		
	2-Chlorophenol	40	23	ug/L	58				0	0		
	2-Methylphenol	40	22	ug/L	55				0	0		
	2,2-oxybis(1-Chloropropane)	40	21	ug/L	52				0	0		
	Acetophenone	40	21	ug/L	52				0	0		
	4-Methylphenol	40	22	ug/L	55				0	0		
	N-Nitroso-di-n-propylamine	40	21	ug/L	52				0	0		
	Hexachloroethane	40	23	ug/L	58				0	0		
	Nitrobenzene	40	22	ug/L	55				0	0		
	Isophorone	40	21	ug/L	52				0	0		
	2-Nitrophenol	40	24	ug/L	60				0	0		
	2,4-Dimethylphenol	40	19	ug/L	48				0	0		
	Bis(2-chloroethoxy)methane	40	22	ug/L	55				0	0		
	2,4-Dichlorophenol	40	23	ug/L	58				0	0		
	Naphthalene	40	22	ug/L	55				0	0		
	4-Chloroaniline	40	18	ug/L	45				0	0		
	Hexachlorobutadiene	40	23	ug/L	58				0	0		
	Caprolactam	40	21	ug/L	52				0	0		
	4-Chloro-3-methylphenol	40	23	ug/L	58				0	0		
	1-Methylnaphthalene	40	22	ug/L	55				0	0		
	2-Methylnaphthalene	40	22	ug/L	55				0	0		
	Hexachlorocyclopentadiene	40	15	ug/L	38				0	0		
	2,4,6-Trichlorophenol	40	23	ug/L	58				0	0		
	2,4,5-Trichlorophenol	40	24	ug/L	60				0	0		
	1,1'-Biphenyl	40	22	ug/L	55				0	0		
	2-Chloronaphthalene	40	22	ug/L	55				0	0		
	2-Nitroaniline	40	23	ug/L	58				0	0		
	Dimethylphthalate	40	22	ug/L	55				0	0		
	2,6-Dinitrotoluene	40	24	ug/L	60				0	0		
	Acenaphthylene	40	23	ug/L	58				0	0		
	3-Nitroaniline	40	24	ug/L	60				0	0		
	Acenaphthene	40	22	ug/L	55				0	0		
	2,4-Dinitrophenol	40	20	ug/L	50				0	0		
	4-Nitrophenol	40	22	ug/L	55				0	0		
	Dibenzofuran	40	22	ug/L	55				0	0		
	2,4-Dinitrotoluene	40	24	ug/L	60				0	0		
	Diethylphthalate	40	22	ug/L	55				0	0		
	Fluorene	40	22	ug/L	55				0	0		
	4-Chlorophenyl-phenylether	40	22	ug/L	55				0	0		
	4-Nitroaniline	40	27	ug/L	68				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163728BS	4,6-Dinitro-2-methylphenol	40	22	ug/L	55				0	0		
	N-Nitrosodiphenylamine	40	22	ug/L	55				0	0		
	1,2,4,5-Tetrachlorobenzene	40	23	ug/L	58				0	0		
	4-Bromophenyl-phenylether	40	23	ug/L	58				0	0		
	Hexachlorobenzene	40	23	ug/L	58				0	0		
	Atrazine	40	17	ug/L	43				0	0		
	Pentachlorophenol	40	22	ug/L	55				0	0		
	Phenanthrene	40	22	ug/L	55				0	0		
	Pentachlorobenzene	40	21	ug/L	52				0	0		
	Anthracene	40	22	ug/L	55				0	0		
	1,2,3,4-Tetrachlorobenzene	40	22	ug/L	55				0	0		
	Carbazole	40	23	ug/L	58				0	0		
	Di-n-butylphthalate	40	23	ug/L	58				0	0		
	Fluoranthene	40	24	ug/L	60				0	0		
	Pyrene	40	24	ug/L	60				0	0		
	Butylbenzylphthalate	40	25	ug/L	63				0	0		
	3,3'-Dichlorobenzidine	40	25	ug/L	63				0	0		
	Benzo(a)anthracene	40	23	ug/L	58				0	0		
	Chrysene	40	23	ug/L	58				0	0		
	Bis(2-ethylhexyl)phthalate	40	24	ug/L	60				0	0		
	Di-n-octylphthalate	40	25	ug/L	63				0	0		
	Benzo(b)fluoranthene	40	23	ug/L	58				0	0		
	Benzo(k)fluoranthene	40	23	ug/L	58				0	0		
	Benzo(a)pyrene	40	22	ug/L	55				0	0		
	Indeno(1,2,3-cd)pyrene	40	23	ug/L	58				0	0		
	Dibenzo(a,h)anthracene	40	22	ug/L	55				0	0		
	Benzo(g,h,i)perylene	40	22	ug/L	55				0	0		
	2,3,4,6-Tetrachlorophenol	40	23	ug/L	58				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK678

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP100924

SAS No.: BP100924 SDG NO.: BP100924

Lab File ID: BP022285.D

Lab Sample ID: PB163678BL

Instrument ID: BNA_P

Date Extracted: 09/25/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/09/2024

Level: (low/med) LOW

Time Analyzed: 11:34

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4EJ6	P4162-21	BP022286.D	10/09/2024
A4ES5	P4162-06	BP022287.D	10/09/2024
A4ER7	P4162-01	BP022288.D	10/09/2024
A4ES8	P4162-09	BP022289.D	10/09/2024
A4ER8	P4162-02	BP022290.D	10/09/2024
A4ES4	P4162-05	BP022291.D	10/09/2024
A4ES7	P4162-08	BP022292.D	10/09/2024
A4EJ3	P4162-18	BP022293.D	10/09/2024
A4EJ5	P4162-20	BP022294.D	10/09/2024
A4EJ1	P4162-16	BP022295.D	10/09/2024
A4EJ2	P4162-17	BP022296.D	10/09/2024
A4EH9	P4162-14	BP022297.D	10/09/2024
A4EJ0	P4162-15	BP022298.D	10/09/2024
A4ER7	P4162-01	BP022302.D	10/09/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

EY061

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP100924

SAS No.: BP100924 SDG NO.: BP100924

Lab File ID: BP022311.D

Lab Sample ID: P4207-02

Instrument ID: BNA_P

Date Extracted: 09/26/2024

Matrix: (soil/water) Water

Date Analyzed: 10/10/2024

Level: (low/med) LOW

Time Analyzed: 06:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EY061	P4207-02	BP022311.D	10/10/2024
EY062	P4207-03	BP022312.D	10/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK726

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP100924

SAS No.: BP100924 SDG NO.: BP100924

Lab File ID: BP022300.D

Lab Sample ID: PB163726BL

Instrument ID: BNA_P

Date Extracted: 09/27/2024

Matrix: (soil/water) Water

Date Analyzed: 10/09/2024

Level: (low/med) LOW

Time Analyzed: 22:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB163726BS	PB163726BS	BP022314.D	10/10/2024
EY069	P4207-07	BP022303.D	10/10/2024
EY084	P4207-08	BP022304.D	10/10/2024
EY050	P4207-12	BP022305.D	10/10/2024
EY051	P4207-13	BP022306.D	10/10/2024
EY053	P4207-14	BP022307.D	10/10/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK728

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP100924

SAS No.: BP100924 SDG NO.: BP100924

Lab File ID: BP022301.D

Lab Sample ID: PB163728BL

Instrument ID: BNA_P

Date Extracted: 09/27/2024

Matrix: (soil/water) Water

Date Analyzed: 10/09/2024

Level: (low/med) LOW

Time Analyzed: 23:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EY052	P4207-09	BP022308.D	10/10/2024
EY052MS	P4207-10MS	BP022309.D	10/10/2024
EY052MSD	P4207-11MSD	BP022310.D	10/10/2024
PB163728BS	PB163728BS	BP022313.D	10/10/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4207-10MS	Client Sample ID:	EY052MS				DataFile:	BP022309.D			
1,4-Dioxane	16	2	6	ug/L	25				15	120	
Benzaldehyde	40		31	ug/L	78				0	0	
Pyridine	40		8.2	ug/L	21				0	0	
Phenol	40		9.3	ug/L	23				12	110	
Bis(2-chloroethyl)ether	40		28	ug/L	70				0	0	
2-Chlorophenol	40		27	ug/L	68				27	123	
2-Methylphenol	40		23	ug/L	58				0	0	
2,2-oxybis(1-Chloropropane)	40		27	ug/L	68				0	0	
Acetophenone	40		29	ug/L	73				0	0	
4-Methylphenol	40		21	ug/L	52				0	0	
N-Nitroso-di-n-propylamine	40		30	ug/L	75				41	116	
Hexachloroethane	40		24	ug/L	60				0	0	
Nitrobenzene	40		28	ug/L	70				0	0	
Isophorone	40		29	ug/L	73				0	0	
2-Nitrophenol	40		31	ug/L	78				0	0	
2,4-Dimethylphenol	40		26	ug/L	65				0	0	
Bis(2-chloroethoxy)methane	40		28	ug/L	70				0	0	
2,4-Dichlorophenol	40		30	ug/L	75				0	0	
Naphthalene	40		28	ug/L	70				0	0	
4-Chloroaniline	40		21	ug/L	52				0	0	
Hexachlorobutadiene	40		25	ug/L	63				0	0	
Caprolactam	40		5.8	ug/L	15				0	0	
4-Chloro-3-methylphenol	40		30	ug/L	75				23	97	
1-Methylnaphthalene	40		29	ug/L	73				0	0	
2-Methylnaphthalene	40		29	ug/L	73				0	0	
Hexachlorocyclopentadiene	40		13	ug/L	33				0	0	
2,4,6-Trichlorophenol	40		31	ug/L	78				0	0	
2,4,5-Trichlorophenol	40		33	ug/L	83				0	0	
1,1'-Biphenyl	40		29	ug/L	73				0	0	
2-Chloronaphthalene	40		29	ug/L	73				0	0	
2-Nitroaniline	40		30	ug/L	75				0	0	
Dimethylphthalate	40		30	ug/L	75				0	0	
2,6-Dinitrotoluene	40		34	ug/L	85				0	0	
Acenaphthylene	40		29	ug/L	73				0	0	
3-Nitroaniline	40		29	ug/L	73				0	0	
Acenaphthene	40		30	ug/L	75				46	118	
2,4-Dinitrophenol	40		29	ug/L	73				0	0	
4-Nitrophenol	40		9.3	ug/L	23				10	80	
Dibenzofuran	40		30	ug/L	75				0	0	
2,4-Dinitrotoluene	40		34	ug/L	85				24	96	
Diethylphthalate	40		30	ug/L	75				0	0	
Fluorene	40		31	ug/L	78				0	0	
4-Chlorophenyl-phenylether	40		30	ug/L	75				0	0	
4-Nitroaniline	40		32	ug/L	80				0	0	
4,6-Dinitro-2-methylphenol	40		30	ug/L	75				0	0	
N-Nitrosodiphenylamine	40		31	ug/L	78				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	40		28	ug/L	70				0	0	
4-Bromophenyl-phenylether	40		32	ug/L	80				0	0	
Hexachlorobenzene	40		33	ug/L	83				0	0	
Atrazine	40		19	ug/L	48				0	0	
Pentachlorophenol	40		32	ug/L	80				9	103	
Phenanthrene	40		32	ug/L	80				0	0	
Pentachlorobenzene	40		29	ug/L	73				0	0	
Anthracene	40		31	ug/L	78				0	0	
1,2,3,4-Tetrachlorobenzene	40		29	ug/L	73				0	0	
Carbazole	40		32	ug/L	80				0	0	
Di-n-butylphthalate	40		32	ug/L	80				0	0	
Fluoranthene	40		36	ug/L	90				0	0	
Pyrene	40		35	ug/L	88				26	127	
Butylbenzylphthalate	40		35	ug/L	88				0	0	
3,3'-Dichlorobenzidine	40		17	ug/L	43				0	0	
Benzo(a)anthracene	40		32	ug/L	80				0	0	
Chrysene	40		32	ug/L	80				0	0	
Bis(2-ethylhexyl)phthalate	40		33	ug/L	83				0	0	
Di-n-octylphthalate	40		34	ug/L	85				0	0	
Benzo(b)fluoranthene	40		32	ug/L	80				0	0	
Benzo(k)fluoranthene	40		33	ug/L	83				0	0	
Benzo(a)pyrene	40		31	ug/L	78				0	0	
Indeno(1,2,3-cd)pyrene	40		32	ug/L	80				0	0	
Dibenzo(a,h)anthracene	40		32	ug/L	80				0	0	
Benzo(g,h,i)perylene	40		32	ug/L	80				0	0	
2,3,4,6-Tetrachlorophenol	40		32	ug/L	80				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4207-11MSD	Client Sample ID:	EY052MSD					DataFile:	BP022310.D		
1,4-Dioxane	16	2	6.6	ug/L	29	15			15	120	50
Benzaldehyde	40		32	ug/L	80	3	*		0	0	0
Pyridine	40		8.2	ug/L	21	0			0	0	0
Phenol	40		9.5	ug/L	24	4			12	110	42
Bis(2-chloroethyl)ether	40		30	ug/L	75	7	*		0	0	0
2-Chlorophenol	40		28	ug/L	70	3			27	123	40
2-Methylphenol	40		23	ug/L	58	0			0	0	0
2,2-oxybis(1-Chloropropane)	40		28	ug/L	70	3	*		0	0	0
Acetophenone	40		30	ug/L	75	3	*		0	0	0
4-Methylphenol	40		21	ug/L	52	0			0	0	0
N-Nitroso-di-n-propylamine	40		30	ug/L	75	0			41	116	38
Hexachloroethane	40		25	ug/L	63	5	*		0	0	0
Nitrobenzene	40		29	ug/L	73	4	*		0	0	0
Isophorone	40		30	ug/L	75	3	*		0	0	0
2-Nitrophenol	40		32	ug/L	80	3	*		0	0	0
2,4-Dimethylphenol	40		28	ug/L	70	7	*		0	0	0
Bis(2-chloroethoxy)methane	40		29	ug/L	73	4	*		0	0	0
2,4-Dichlorophenol	40		32	ug/L	80	6	*		0	0	0
Naphthalene	40		29	ug/L	73	4	*		0	0	0
4-Chloroaniline	40		20	ug/L	50	4	*		0	0	0
Hexachlorobutadiene	40		26	ug/L	65	3	*		0	0	0
Caprolactam	40		5.5	ug/L	14	7	*		0	0	0
4-Chloro-3-methylphenol	40		31	ug/L	78	4			23	97	42
1-Methylnaphthalene	40		30	ug/L	75	3	*		0	0	0
2-Methylnaphthalene	40		30	ug/L	75	3	*		0	0	0
Hexachlorocyclopentadiene	40		14	ug/L	35	6	*		0	0	0
2,4,6-Trichlorophenol	40		33	ug/L	83	6	*		0	0	0
2,4,5-Trichlorophenol	40		34	ug/L	85	2	*		0	0	0
1,1'-Biphenyl	40		31	ug/L	78	7	*		0	0	0
2-Chloronaphthalene	40		31	ug/L	78	7	*		0	0	0
2-Nitroaniline	40		32	ug/L	80	6	*		0	0	0
Dimethylphthalate	40		31	ug/L	78	4	*		0	0	0
2,6-Dinitrotoluene	40		36	ug/L	90	6	*		0	0	0
Acenaphthylene	40		31	ug/L	78	7	*		0	0	0
3-Nitroaniline	40		31	ug/L	78	7	*		0	0	0
Acenaphthene	40		31	ug/L	78	4			46	118	31
2,4-Dinitrophenol	40		31	ug/L	78	7	*		0	0	0
4-Nitrophenol	40		9.8	ug/L	25	8			10	80	50
Dibenzofuran	40		31	ug/L	78	4	*		0	0	0
2,4-Dinitrotoluene	40		35	ug/L	88	3			24	96	38
Diethylphthalate	40		32	ug/L	80	6	*		0	0	0
Fluorene	40		32	ug/L	80	3	*		0	0	0
4-Chlorophenyl-phenylether	40		32	ug/L	80	6	*		0	0	0
4-Nitroaniline	40		32	ug/L	80	0			0	0	0
4,6-Dinitro-2-methylphenol	40		31	ug/L	78	4	*		0	0	0
N-Nitrosodiphenylamine	40		32	ug/L	80	3	*		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	40		30	ug/L	75	7	*		0	0	0
4-Bromophenyl-phenylether	40		33	ug/L	83	4	*		0	0	0
Hexachlorobenzene	40		33	ug/L	83	0			0	0	0
Atrazine	40		21	ug/L	52	8	*		0	0	0
Pentachlorophenol	40		33	ug/L	83	4			9	103	50
Phenanthrene	40		33	ug/L	83	4	*		0	0	0
Pentachlorobenzene	40		31	ug/L	78	7	*		0	0	0
Anthracene	40		32	ug/L	80	3	*		0	0	0
1,2,3,4-Tetrachlorobenzene	40		30	ug/L	75	3	*		0	0	0
Carbazole	40		33	ug/L	83	4	*		0	0	0
Di-n-butylphthalate	40		33	ug/L	83	4	*		0	0	0
Fluoranthene	40		38	ug/L	95	5	*		0	0	0
Pyrene	40		36	ug/L	90	2			26	127	31
Butylbenzylphthalate	40		36	ug/L	90	2	*		0	0	0
3,3'-Dichlorobenzidine	40		18	ug/L	45	5	*		0	0	0
Benzo(a)anthracene	40		33	ug/L	83	4	*		0	0	0
Chrysene	40		33	ug/L	83	4	*		0	0	0
Bis(2-ethylhexyl)phthalate	40		34	ug/L	85	2	*		0	0	0
Di-n-octylphthalate	40		35	ug/L	88	3	*		0	0	0
Benzo(b)fluoranthene	40		34	ug/L	85	6	*		0	0	0
Benzo(k)fluoranthene	40		34	ug/L	85	2	*		0	0	0
Benzo(a)pyrene	40		33	ug/L	83	6	*		0	0	0
Indeno(1,2,3-cd)pyrene	40		33	ug/L	83	4	*		0	0	0
Dibenzo(a,h)anthracene	40		33	ug/L	83	4	*		0	0	0
Benzo(g,h,i)perylene	40		34	ug/L	85	6	*		0	0	0
2,3,4,6-Tetrachlorophenol	40		34	ug/L	85	6	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4162-01	A4ER7	BP022288.D	1,4-Dioxane-d8	8	1.46	18		15	120
			Pyridine-d5	40	0.83	2	*	20	120
		BP022302.D	1,4-Dioxane-d8	8	1.26	16		15	120
			Pyridine-d5	40	0.65	2	*	20	120
		BP022288.D	Phenol-d5	40	7.29	18		10	130
			Phenol-d5	40	9.61	24		10	130
		BP022302.D	Bis(2-Chloroethyl)ether-d8	40	10.43	26		10	150
			Bis(2-Chloroethyl)ether-d8	40	7.49	19		10	150
		BP022288.D	2-Chlorophenol-d4	40	8.07	20		15	120
			2-Chlorophenol-d4	40	10.75	27		15	120
		BP022302.D	4-Methylphenol-d8	40	8.35	21		10	140
			4-Methylphenol-d8	40	6.60	16		10	140
		BP022288.D	Nitrobenzene-d5	40	7.81	20		10	135
			Nitrobenzene-d5	40	10.55	26		10	135
		BP022302.D	2-Nitrophenol-d4	40	11.04	28		10	120
			2-Nitrophenol-d4	40	8.28	21		10	120
		BP022288.D	2,4-Dichlorophenol-d3	40	7.81	20		10	140
			2,4-Dichlorophenol-d3	40	10.64	27		10	140
		BP022302.D	4-Chloroaniline-d4	40	4.75	12		1	145
			4-Chloroaniline-d4	40	3.73	9		1	145
		BP022288.D	Dimethylphthalate-d6	40	7.61	19		10	145
			Dimethylphthalate-d6	40	10.96	27		10	145
		BP022302.D	Acenaphthylene-d8	40	10.91	27		15	120
			Acenaphthylene-d8	40	7.95	20		15	120
		BP022288.D	4-Nitrophenol-d4	40	5.39	13		10	150
			4-Nitrophenol-d4	40	7.33	18		10	150
		BP022302.D	Fluorene-d10	40	11.31	28		20	140
			Fluorene-d10	40	8.09	20		20	140
		BP022288.D	4,6-Dinitro-2-methylphenol-d2	40	3.95	10		10	130
			4,6-Dinitro-2-methylphenol-d2	40	8.24	21		10	130
		BP022302.D	Anthracene-d10	40	10.92	27		10	150
			Anthracene-d10	40	8.14	20		10	150
		BP022288.D	Pyrene-d10	40	7.52	19		10	130
			Pyrene-d10	40	9.88	25		10	130
		BP022302.D	Benzo(a)pyrene-d12	40	6.19	15		10	140
			Benzo(a)pyrene-d12	40	4.45	11		10	140
P4162-02	A4ER8	BP022290.D	1,4-Dioxane-d8	8	1.47	18		15	120
			Pyridine-d5	40	0.84	2	*	20	120
		BP022290.D	Phenol-d5	40	8.87	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.40	23		10	150
		BP022290.D	2-Chlorophenol-d4	40	9.83	25		15	120
			4-Methylphenol-d8	40	7.88	20		10	140
		BP022290.D	Nitrobenzene-d5	40	10.21	26		10	135
			2-Nitrophenol-d4	40	10.34	26		10	120
		BP022290.D	2,4-Dichlorophenol-d3	40	9.75	24		10	140
			4-Chloroaniline-d4	40	4.00	10		1	145
		BP022290.D	Dimethylphthalate-d6	40	10.04	25		10	145
			Acenaphthylene-d8	40	10.56	26		15	120
		BP022290.D	4-Nitrophenol-d4	40	7.45	19		10	150
			4-Nitrophenol-d4	40	7.45	19		10	150

Surrogate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4162-02	A4ER8	BP022290.D	Fluorene-d10	40	10.51	26		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.37	16		10	130
			Anthracene-d10	40	10.12	25		10	150
			Pyrene-d10	40	8.68	22		10	130
			Benzo(a)pyrene-d12	40	5.51	14		10	140
P4162-05	A4ES4	BP022291.D	1,4-Dioxane-d8	8	1.59	20		15	120
			Pyridine-d5	40	0.79	2	*	20	120
			Phenol-d5	40	8.61	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.14	25		10	150
			2-Chlorophenol-d4	40	10.46	26		15	120
			4-Methylphenol-d8	40	7.48	19		10	140
			Nitrobenzene-d5	40	10.83	27		10	135
			2-Nitrophenol-d4	40	10.70	27		10	120
			2,4-Dichlorophenol-d3	40	10.28	26		10	140
			4-Chloroaniline-d4	40	4.91	12		1	145
			Dimethylphthalate-d6	40	10.89	27		10	145
			Acenaphthylene-d8	40	10.93	27		15	120
			4-Nitrophenol-d4	40	8.33	21		10	150
			Fluorene-d10	40	11.30	28		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.02	20		10	130
			Anthracene-d10	40	11.45	29		10	150
			Pyrene-d10	40	9.91	25		10	130
			Benzo(a)pyrene-d12	40	6.39	16		10	140
			Pyridine-d5	40	12.27	31		20	120
			1,4-Dioxane-d8	8	2.26	28		15	120
P4162-06	A4ES5	BP022287.D	Phenol-d5	40	15.02	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.49	39		10	150
			2-Chlorophenol-d4	40	16.15	40		15	120
			4-Methylphenol-d8	40	15.96	40		10	140
			Nitrobenzene-d5	40	16.26	41		10	135
			2-Nitrophenol-d4	40	17.34	43		10	120
			2,4-Dichlorophenol-d3	40	16.45	41		10	140
			4-Chloroaniline-d4	40	15.86	40		1	145
			Dimethylphthalate-d6	40	18.58	46		10	145
			Acenaphthylene-d8	40	18.37	46		15	120
			4-Nitrophenol-d4	40	14.61	37		10	150
			Fluorene-d10	40	18.49	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.24	38		10	130
			Anthracene-d10	40	19.62	49		10	150
			Pyrene-d10	40	20.58	51		10	130
			Benzo(a)pyrene-d12	40	19.33	48		10	140
P4162-08	A4ES7	BP022292.D	1,4-Dioxane-d8	8	1.36	17		15	120
			Pyridine-d5	40	0.83	2	*	20	120
			Phenol-d5	40	6.91	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.83	25		10	150
			2-Chlorophenol-d4	40	9.06	23		15	120
			4-Methylphenol-d8	40	4.50	11		10	140
			Nitrobenzene-d5	40	10.36	26		10	135
			2-Nitrophenol-d4	40	10.24	26		10	120

Surrogate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4162-08	A4ES7	BP022292.D	2,4-Dichlorophenol-d3	40	8.94	22		10	140
			4-Chloroaniline-d4	40	1.83	5		1	145
			Dimethylphthalate-d6	40	10.71	27		10	145
			Acenaphthylene-d8	40	10.97	27		15	120
			4-Nitrophenol-d4	40	3.31	8	*	10	150
			Fluorene-d10	40	11.20	28		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.02	15		10	130
			Anthracene-d10	40	11.14	28		10	150
			Pyrene-d10	40	10.16	25		10	130
			Benzo(a)pyrene-d12	40	6.09	15		10	140
P4162-09	A4ES8	BP022289.D	Pyridine-d5	40	9.08	23		20	120
			1,4-Dioxane-d8	8	1.84	23		15	120
			Phenol-d5	40	12.72	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.16	33		10	150
			2-Chlorophenol-d4	40	13.82	35		15	120
			4-Methylphenol-d8	40	13.44	34		10	140
			Nitrobenzene-d5	40	14.73	37		10	135
			2-Nitrophenol-d4	40	15.27	38		10	120
			2,4-Dichlorophenol-d3	40	14.14	35		10	140
			4-Chloroaniline-d4	40	12.57	31		1	145
			Dimethylphthalate-d6	40	15.61	39		10	145
			Acenaphthylene-d8	40	16.15	40		15	120
			4-Nitrophenol-d4	40	11.33	28		10	150
			Fluorene-d10	40	15.34	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.69	27		10	130
			Anthracene-d10	40	16.57	41		10	150
			Pyrene-d10	40	16.73	42		10	130
			Benzo(a)pyrene-d12	40	16.78	42		10	140
P4162-14	A4EH9	BP022297.D	1,4-Dioxane-d8	8	1.16	15		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	7.59	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.46	21		10	150
			2-Chlorophenol-d4	40	8.95	22		15	120
			4-Methylphenol-d8	40	5.86	15		10	140
			Nitrobenzene-d5	40	8.64	22		10	135
			2-Nitrophenol-d4	40	9.26	23		10	120
			2,4-Dichlorophenol-d3	40	8.49	21		10	140
			4-Chloroaniline-d4	40	0.90	2		1	145
			Dimethylphthalate-d6	40	8.82	22		10	145
			Acenaphthylene-d8	40	9.28	23		15	120
			4-Nitrophenol-d4	40	5.74	14		10	150
			Fluorene-d10	40	9.86	25		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.63	12		10	130
			Anthracene-d10	40	9.66	24		10	150
			Pyrene-d10	40	8.54	21		10	130
			Benzo(a)pyrene-d12	40	5.33	13		10	140
P4162-15	A4EJ0	BP022298.D	1,4-Dioxane-d8	8	1.75	22		15	120
			Pyridine-d5	40	0.48	1	*	20	120
			Phenol-d5	40	12.56	31		10	130

Surrogate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4162-15	A4EJ0	BP022298.D	Bis(2-Chloroethyl)ether-d8	40	11.90	30		10	150
			2-Chlorophenol-d4	40	13.39	33		15	120
			4-Methylphenol-d8	40	12.07	30		10	140
			Nitrobenzene-d5	40	13.01	33		10	135
			2-Nitrophenol-d4	40	13.65	34		10	120
			2,4-Dichlorophenol-d3	40	13.10	33		10	140
			4-Chloroaniline-d4	40	4.12	10		1	145
			Dimethylphthalate-d6	40	12.80	32		10	145
			Acenaphthylene-d8	40	13.59	34		15	120
			4-Nitrophenol-d4	40	11.43	29		10	150
			Fluorene-d10	40	13.46	34		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.84	17		10	130
			Anthracene-d10	40	14.03	35		10	150
			Pyrene-d10	40	12.00	30		10	130
			Benzo(a)pyrene-d12	40	7.67	19		10	140
P4162-16	A4EJ1	BP022295.D	1,4-Dioxane-d8	8	2.78	35		15	120
			Pyridine-d5	40	13.92	35		20	120
			Phenol-d5	40	20.96	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.42	49		10	150
			2-Chlorophenol-d4	40	22.20	55		15	120
			4-Methylphenol-d8	40	20.88	52		10	140
			Nitrobenzene-d5	40	21.46	54		10	135
			2-Nitrophenol-d4	40	23.27	58		10	120
			2,4-Dichlorophenol-d3	40	22.71	57		10	140
			4-Chloroaniline-d4	40	18.20	46		1	145
			Dimethylphthalate-d6	40	23.42	59		10	145
			Acenaphthylene-d8	40	23.98	60		15	120
			4-Nitrophenol-d4	40	19.52	49		10	150
			Fluorene-d10	40	24.78	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.41	34		10	130
			Anthracene-d10	40	26.52	66		10	150
			Pyrene-d10	40	28.96	72		10	130
P4162-17	A4EJ2	BP022296.D	Benzo(a)pyrene-d12	40	26.69	67		10	140
			1,4-Dioxane-d8	8	1.28	16		15	120
			Pyridine-d5	40	0.80	2	*	20	120
			Phenol-d5	40	9.79	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.09	25		10	150
			2-Chlorophenol-d4	40	10.66	27		15	120
			4-Methylphenol-d8	40	7.86	20		10	140
			Nitrobenzene-d5	40	10.95	27		10	135
			2-Nitrophenol-d4	40	11.29	28		10	120
			2,4-Dichlorophenol-d3	40	10.49	26		10	140
			4-Chloroaniline-d4	40	2.55	6		1	145
			Dimethylphthalate-d6	40	10.54	26		10	145
			Acenaphthylene-d8	40	10.98	27		15	120
			4-Nitrophenol-d4	40	8.22	21		10	150
			Fluorene-d10	40	11.15	28		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.79	14		10	130
			Anthracene-d10	40	11.38	28		10	150

Surrogate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4162-17	A4EJ2	BP022296.D	Pyrene-d10	40	10.00	25		10	130
			Benzo(a)pyrene-d12	40	6.24	16		10	140
P4162-18	A4EJ3	BP022293.D	Pyridine-d5	40	0.52	1	*	20	120
			1,4-Dioxane-d8	8	1.55	19		15	120
			Phenol-d5	40	10.63	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.59	29		10	150
			2-Chlorophenol-d4	40	12.09	30		15	120
			4-Methylphenol-d8	40	7.67	19		10	140
			Nitrobenzene-d5	40	12.20	31		10	135
			2-Nitrophenol-d4	40	13.03	33		10	120
			2,4-Dichlorophenol-d3	40	12.02	30		10	140
			4-Chloroaniline-d4	40	1.77	4		1	145
			Dimethylphthalate-d6	40	12.87	32		10	145
			Acenaphthylene-d8	40	12.82	32		15	120
			4-Nitrophenol-d4	40	9.03	23		10	150
			Fluorene-d10	40	13.19	33		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.63	22		10	130
			Anthracene-d10	40	13.73	34		10	150
			Pyrene-d10	40	12.20	30		10	130
			Benzo(a)pyrene-d12	40	7.61	19		10	140
P4162-20	A4EJ5	BP022294.D	1,4-Dioxane-d8	8	1.53	19		15	120
			Pyridine-d5	40	0.46	1	*	20	120
			Phenol-d5	40	10.25	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.49	26		10	150
			2-Chlorophenol-d4	40	11.34	28		15	120
			4-Methylphenol-d8	40	8.69	22		10	140
			Nitrobenzene-d5	40	11.60	29		10	135
			2-Nitrophenol-d4	40	12.16	30		10	120
			2,4-Dichlorophenol-d3	40	11.45	29		10	140
			4-Chloroaniline-d4	40	0.69	2		1	145
			Dimethylphthalate-d6	40	12.15	30		10	145
			Acenaphthylene-d8	40	12.18	30		15	120
			4-Nitrophenol-d4	40	8.45	21		10	150
			Fluorene-d10	40	11.99	30		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.52	16		10	130
			Anthracene-d10	40	12.49	31		10	150
			Pyrene-d10	40	11.09	28		10	130
			Benzo(a)pyrene-d12	40	6.93	17		10	140
P4162-21	A4EJ6	BP022286.D	Pyridine-d5	40	11.89	30		20	120
			1,4-Dioxane-d8	8	2.47	31		15	120
			Phenol-d5	40	14.68	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.29	38		10	150
			2-Chlorophenol-d4	40	15.95	40		15	120
			4-Methylphenol-d8	40	15.75	39		10	140
			Nitrobenzene-d5	40	16.20	41		10	135
			2-Nitrophenol-d4	40	17.08	43		10	120
			2,4-Dichlorophenol-d3	40	16.66	42		10	140
			4-Chloroaniline-d4	40	15.55	39		1	145
			Dimethylphthalate-d6	40	19.11	48		10	145

Surrogate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4162-21	A4EJ6	BP022286.D	Acenaphthylene-d8	40	18.88	47		15	120
			4-Nitrophenol-d4	40	13.60	34		10	150
			Fluorene-d10	40	19.91	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.33	33		10	130
			Anthracene-d10	40	19.98	50		10	150
			Pyrene-d10	40	21.75	54		10	130
			Benzo(a)pyrene-d12	40	20.64	52		10	140
PB163678BL	PB163678BL	BP022285.D	Pyridine-d5	40	19.87	50		20	120
			1,4-Dioxane-d8	8	3.85	48		15	120
			Phenol-d5	40	21.07	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.68	54		10	150
			2-Chlorophenol-d4	40	22.80	57		15	120
			4-Methylphenol-d8	40	21.00	52		10	140
			Nitrobenzene-d5	40	23.99	60		10	135
			2-Nitrophenol-d4	40	24.55	61		10	120
			2,4-Dichlorophenol-d3	40	22.27	56		10	140
			4-Chloroaniline-d4	40	21.75	54		1	145
			Dimethylphthalate-d6	40	21.68	54		10	145
			Acenaphthylene-d8	40	22.81	57		15	120
			4-Nitrophenol-d4	40	18.81	47		10	150
			Fluorene-d10	40	21.82	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.48	46		10	130
			Anthracene-d10	40	22.98	57		10	150
			Pyrene-d10	40	23.70	59		10	130
			Benzo(a)pyrene-d12	40	22.81	57		10	140

Surrogate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4207-02	EY061	BP022311.D	1,4-Dioxane-d8	8	3.74	47		15	120
			Pyridine-d5	40	7.57	19	*	20	120
			Phenol-d5	40	10.07	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.94	60		25	120
			2-Chlorophenol-d4	40	24.95	62		20	130
			4-Methylphenol-d8	40	22.15	55		25	125
			Nitrobenzene-d5	40	24.80	62		20	125
			2-Nitrophenol-d4	40	28.87	72		20	130
			2,4-Dichlorophenol-d3	40	27.60	69		20	120
			4-Chloroaniline-d4	40	13.77	34		1	146
			Dimethylphthalate-d6	40	27.68	69		25	130
			Acenaphthylene-d8	40	25.93	65		10	130
			4-Nitrophenol-d4	40	9.53	24		10	150
			Fluorene-d10	40	28.05	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.86	57		10	130
			Anthracene-d10	40	29.92	75		25	130
			Pyrene-d10	40	33.39	83		15	130
			Benzo(a)pyrene-d12	40	29.75	74		20	130
P4207-03	EY062	BP022312.D	1,4-Dioxane-d8	8	3.65	46		15	120
			Pyridine-d5	40	8.62	22		20	120
			Phenol-d5	40	10.09	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.00	73		25	120
			2-Chlorophenol-d4	40	29.33	73		20	130
			4-Methylphenol-d8	40	21.59	54		25	125
			Nitrobenzene-d5	40	31.90	80		20	125
			2-Nitrophenol-d4	40	34.82	87		20	130
			2,4-Dichlorophenol-d3	40	31.41	79		20	120
			4-Chloroaniline-d4	40	26.16	65		1	146
			Dimethylphthalate-d6	40	31.04	78		25	130
			Acenaphthylene-d8	40	30.98	77		10	130
			4-Nitrophenol-d4	40	8.73	22		10	150
			Fluorene-d10	40	31.66	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.35	71		10	130
			Anthracene-d10	40	34.51	86		25	130
			Pyrene-d10	40	37.48	94		15	130
			Benzo(a)pyrene-d12	40	35.42	89		20	130

Surrogate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4207-07	EY069	BP022303.D	1,4-Dioxane-d8	8	2.74	34		15	120
			Pyridine-d5	40	3.61	9	*	20	120
			Phenol-d5	40	7.83	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.14	63		25	120
			2-Chlorophenol-d4	40	24.73	62		20	130
			4-Methylphenol-d8	40	18.24	46		25	125
			Nitrobenzene-d5	40	27.49	69		20	125
			2-Nitrophenol-d4	40	29.26	73		20	130
			2,4-Dichlorophenol-d3	40	26.31	66		20	120
			4-Chloroaniline-d4	40	18.37	46		1	146
			Dimethylphthalate-d6	40	26.28	66		25	130
			Acenaphthylene-d8	40	26.47	66		10	130
			4-Nitrophenol-d4	40	6.93	17		10	150
			Fluorene-d10	40	26.66	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.57	54		10	130
			Anthracene-d10	40	29.70	74		25	130
			Pyrene-d10	40	33.50	84		15	130
			Benzo(a)pyrene-d12	40	30.02	75		20	130
P4207-08	EY084	BP022304.D	1,4-Dioxane-d8	8	3.65	46		15	120
			Pyridine-d5	40	7.04	18	*	20	120
			Phenol-d5	40	8.91	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.42	71		25	120
			2-Chlorophenol-d4	40	27.76	69		20	130
			4-Methylphenol-d8	40	20.27	51		25	125
			Nitrobenzene-d5	40	30.01	75		20	125
			2-Nitrophenol-d4	40	31.91	80		20	130
			2,4-Dichlorophenol-d3	40	29.46	74		20	120
			4-Chloroaniline-d4	40	26.60	67		1	146
			Dimethylphthalate-d6	40	29.76	74		25	130
			Acenaphthylene-d8	40	29.84	75		10	130
			4-Nitrophenol-d4	40	8.03	20		10	150
			Fluorene-d10	40	30.48	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.98	57		10	130
			Anthracene-d10	40	31.98	80		25	130
			Pyrene-d10	40	35.29	88		15	130
			Benzo(a)pyrene-d12	40	32.48	81		20	130
P4207-12	EY050	BP022305.D	1,4-Dioxane-d8	8	3.94	49		15	120
			Pyridine-d5	40	6.65	17	*	20	120
			Phenol-d5	40	8.87	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.30	68		25	120
			2-Chlorophenol-d4	40	27.58	69		20	130
			4-Methylphenol-d8	40	20.35	51		25	125
			Nitrobenzene-d5	40	29.16	73		20	125
			2-Nitrophenol-d4	40	31.43	79		20	130
			2,4-Dichlorophenol-d3	40	29.94	75		20	120
			4-Chloroaniline-d4	40	21.77	54		1	146
			Dimethylphthalate-d6	40	31.17	78		25	130
			Acenaphthylene-d8	40	30.81	77		10	130
			4-Nitrophenol-d4	40	8.44	21		10	150

Surrogate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4207-12	EY050	BP022305.D	Fluorene-d10	40	31.41	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.94	60		10	130
			Anthracene-d10	40	32.96	82		25	130
			Pyrene-d10	40	36.20	91		15	130
			Benzo(a)pyrene-d12	40	33.26	83		20	130
P4207-13	EY051	BP022306.D	1,4-Dioxane-d8	8	3.42	43		15	120
			Pyridine-d5	40	3.50	9	*	20	120
			Phenol-d5	40	7.79	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.96	57		25	120
			2-Chlorophenol-d4	40	23.44	59		20	130
			4-Methylphenol-d8	40	17.20	43		25	125
			Nitrobenzene-d5	40	25.50	64		20	125
			2-Nitrophenol-d4	40	26.93	67		20	130
			2,4-Dichlorophenol-d3	40	25.33	63		20	120
			4-Chloroaniline-d4	40	14.83	37		1	146
			Dimethylphthalate-d6	40	25.79	64		25	130
			Acenaphthylene-d8	40	24.82	62		10	130
			4-Nitrophenol-d4	40	6.93	17		10	150
			Fluorene-d10	40	25.14	63		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.60	52		10	130
			Anthracene-d10	40	28.00	70		25	130
			Pyrene-d10	40	30.19	75		15	130
			Benzo(a)pyrene-d12	40	28.61	72		20	130
P4207-14	EY053	BP022307.D	1,4-Dioxane-d8	8	3.27	41		15	120
			Pyridine-d5	40	6.37	16	*	20	120
			Phenol-d5	40	8.58	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.54	61		25	120
			2-Chlorophenol-d4	40	25.23	63		20	130
			4-Methylphenol-d8	40	19.02	48		25	125
			Nitrobenzene-d5	40	27.81	70		20	125
			2-Nitrophenol-d4	40	29.35	73		20	130
			2,4-Dichlorophenol-d3	40	27.62	69		20	120
			4-Chloroaniline-d4	40	23.84	60		1	146
			Dimethylphthalate-d6	40	29.35	73		25	130
			Acenaphthylene-d8	40	27.81	70		10	130
			4-Nitrophenol-d4	40	9.02	23		10	150
			Fluorene-d10	40	30.26	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.81	65		10	130
			Anthracene-d10	40	34.97	87		25	130
			Pyrene-d10	40	38.12	95		15	130
			Benzo(a)pyrene-d12	40	34.79	87		20	130
PB163726BL	PB163726BL	BP022300.D	1,4-Dioxane-d8	8	4.42	55		15	120
			Pyridine-d5	40	22.16	55		20	120
			Phenol-d5	40	25.35	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.77	62		25	120
			2-Chlorophenol-d4	40	27.28	68		20	130
			4-Methylphenol-d8	40	25.76	64		25	125
			Nitrobenzene-d5	40	26.07	65		20	125
			2-Nitrophenol-d4	40	28.04	70		20	130

Surrogate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163726BL	PB163726BL	BP022300.D	2,4-Dichlorophenol-d3	40	26.10	65		20	120
			4-Chloroaniline-d4	40	25.48	64		1	146
			Dimethylphthalate-d6	40	26.06	65		25	130
			Acenaphthylene-d8	40	27.01	68		10	130
			4-Nitrophenol-d4	40	24.33	61		10	150
			Fluorene-d10	40	26.93	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	16.85	42		10	130
			Anthracene-d10	40	27.28	68		25	130
			Pyrene-d10	40	31.46	79		15	130
			Benzo(a)pyrene-d12	40	27.26	68		20	130
			1,4-Dioxane-d8	8	4.61	58		15	120
			Pyridine-d5	40	23.47	59		20	120
			Phenol-d5	40	26.08	65		10	130
PB163726BS	PB163726BS	BP022314.D	Bis(2-Chloroethyl)ether-d8	40	25.30	63		25	120
			2-Chlorophenol-d4	40	27.52	69		20	130
			4-Methylphenol-d8	40	25.91	65		25	125
			Nitrobenzene-d5	40	28.42	71		20	125
			2-Nitrophenol-d4	40	30.24	76		20	130
			2,4-Dichlorophenol-d3	40	28.73	72		20	120
			4-Chloroaniline-d4	40	26.31	66		1	146
			Dimethylphthalate-d6	40	26.51	66		25	130
			Acenaphthylene-d8	40	27.57	69		10	130
			4-Nitrophenol-d4	40	28.97	72		10	150
			Fluorene-d10	40	27.48	69		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.25	63		10	130
			Anthracene-d10	40	27.27	68		25	130
			Pyrene-d10	40	29.46	74		15	130
			Benzo(a)pyrene-d12	40	28.46	71		20	130

Surrogate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4207-09	EY052	BP022308.D	1,4-Dioxane-d8	8	3.09	39		15	120
			Pyridine-d5	40	5.10	13	*	20	120
			Phenol-d5	40	5.90	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.99	52		25	120
			2-Chlorophenol-d4	40	20.42	51		20	130
			4-Methylphenol-d8	40	14.37	36		25	125
			Nitrobenzene-d5	40	22.24	56		20	125
			2-Nitrophenol-d4	40	23.81	60		20	130
			2,4-Dichlorophenol-d3	40	22.58	56		20	120
			4-Chloroaniline-d4	40	17.98	45		1	146
			Dimethylphthalate-d6	40	25.55	64		25	130
			Acenaphthylene-d8	40	23.34	58		10	130
			4-Nitrophenol-d4	40	6.38	16		10	150
			Fluorene-d10	40	25.47	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.76	54		10	130
			Anthracene-d10	40	28.75	72		25	130
			Pyrene-d10	40	32.72	82		15	130
			Benzo(a)pyrene-d12	40	29.92	75		20	130
P4207-10MS	EY052MS	BP022309.D	1,4-Dioxane-d8	8	3.45	43		15	120
			Pyridine-d5	40	6.81	17	*	20	120
			Phenol-d5	40	8.52	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.49	66		25	120
			2-Chlorophenol-d4	40	25.78	64		20	130
			4-Methylphenol-d8	40	19.66	49		25	125
			Nitrobenzene-d5	40	27.87	70		20	125
			2-Nitrophenol-d4	40	30.33	76		20	130
			2,4-Dichlorophenol-d3	40	29.38	73		20	120
			4-Chloroaniline-d4	40	20.56	51		1	146
			Dimethylphthalate-d6	40	29.33	73		25	130
			Acenaphthylene-d8	40	28.54	71		10	130
			4-Nitrophenol-d4	40	9.07	23		10	150
			Fluorene-d10	40	29.62	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.08	75		10	130
			Anthracene-d10	40	31.48	79		25	130
			Pyrene-d10	40	35.17	88		15	130
			Benzo(a)pyrene-d12	40	31.76	79		20	130
P4207-11MSD	EY052MSD	BP022310.D	1,4-Dioxane-d8	8	3.54	44		15	120
			Pyridine-d5	40	6.50	16	*	20	120
			Phenol-d5	40	8.43	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.39	68		25	120
			2-Chlorophenol-d4	40	27.19	68		20	130
			4-Methylphenol-d8	40	19.80	49		25	125
			Nitrobenzene-d5	40	29.68	74		20	125
			2-Nitrophenol-d4	40	31.95	80		20	130
			2,4-Dichlorophenol-d3	40	30.41	76		20	120
			4-Chloroaniline-d4	40	20.47	51		1	146
			Dimethylphthalate-d6	40	31.15	78		25	130
			Acenaphthylene-d8	40	30.06	75		10	130
			4-Nitrophenol-d4	40	9.30	23		10	150

Surrogate Summary

SW-846

SDG No.: BP100924

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4207-11MSD	EY052MSD	BP022310.D	Fluorene-d10	40	31.30	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.81	75		10	130
			Anthracene-d10	40	31.56	79		25	130
			Pyrene-d10	40	36.78	92		15	130
			Benzo(a)pyrene-d12	40	33.66	84		20	130
PB163728BL	PB163728BL	BP022301.D	1,4-Dioxane-d8	8	4.07	51		15	120
			Pyridine-d5	40	21.60	54		20	120
			Phenol-d5	40	24.51	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.85	60		25	120
			2-Chlorophenol-d4	40	25.85	65		20	130
			4-Methylphenol-d8	40	24.72	62		25	125
			Nitrobenzene-d5	40	26.18	65		20	125
			2-Nitrophenol-d4	40	27.35	68		20	130
			2,4-Dichlorophenol-d3	40	25.88	65		20	120
			4-Chloroaniline-d4	40	25.29	63		1	146
			Dimethylphthalate-d6	40	25.16	63		25	130
			Acenaphthylene-d8	40	25.84	65		10	130
			4-Nitrophenol-d4	40	23.98	60		10	150
			Fluorene-d10	40	25.30	63		25	125
			4,6-Dinitro-2-methylphenol-d2	40	16.92	42		10	130
			Anthracene-d10	40	26.72	67		25	130
			Pyrene-d10	40	30.41	76		15	130
			Benzo(a)pyrene-d12	40	27.33	68		20	130
PB163728BS	PB163728BS	BP022313.D	1,4-Dioxane-d8	8	3.97	50		15	120
			Pyridine-d5	40	20.13	50		20	120
			Phenol-d5	40	22.21	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.63	54		25	120
			2-Chlorophenol-d4	40	23.78	59		20	130
			4-Methylphenol-d8	40	22.42	56		25	125
			Nitrobenzene-d5	40	24.03	60		20	125
			2-Nitrophenol-d4	40	24.98	62		20	130
			2,4-Dichlorophenol-d3	40	24.09	60		20	120
			4-Chloroaniline-d4	40	21.94	55		1	146
			Dimethylphthalate-d6	40	22.09	55		25	130
			Acenaphthylene-d8	40	23.39	58		10	130
			4-Nitrophenol-d4	40	23.37	58		10	150
			Fluorene-d10	40	23.20	58		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.94	55		10	130
			Anthracene-d10	40	23.14	58		25	130
			Pyrene-d10	40	24.96	62		15	130
			Benzo(a)pyrene-d12	40	23.73	59		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP100924

Lab Code: CHEM

SAS No.: BP100924 SDG NO.: BP100924

Lab File ID: BP022283.D

DFTPP Injection Date: 10/09/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	21.7
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	26.2
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	34
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	32.3
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	85.1
443	15.0 - 24.0% of mass 442	16.7 (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
SSTD020793	SSTDCCC020	BP022284.D	10/09/2024	10:53
SBLK678	PB163678BL	BP022285.D	10/09/2024	11:34
A4EJ6	P4162-21	BP022286.D	10/09/2024	12:15
A4ES5	P4162-06	BP022287.D	10/09/2024	12:56
A4ER7	P4162-01	BP022288.D	10/09/2024	13:37
A4ES8	P4162-09	BP022289.D	10/09/2024	14:19
A4ER8	P4162-02	BP022290.D	10/09/2024	14:59
A4ES4	P4162-05	BP022291.D	10/09/2024	15:40
A4ES7	P4162-08	BP022292.D	10/09/2024	16:21
A4EJ3	P4162-18	BP022293.D	10/09/2024	17:02
A4EJ5	P4162-20	BP022294.D	10/09/2024	17:43
A4EJ1	P4162-16	BP022295.D	10/09/2024	18:24
A4EJ2	P4162-17	BP022296.D	10/09/2024	19:05
A4EH9	P4162-14	BP022297.D	10/09/2024	19:46
A4EJ0	P4162-15	BP022298.D	10/09/2024	20:27
SSTD020794	SSTDCCC020	BP022299.D	10/09/2024	21:49
SBLK726	PB163726BL	BP022300.D	10/09/2024	22:30
SBLK728	PB163728BL	BP022301.D	10/09/2024	23:11

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP100924

Lab Code: CHEM

SAS No.: BP100924 SDG NO.: BP100924

Lab File ID: BP022283.D

DFTPP Injection Date: 10/09/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	21.7
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	26.2
70	Less than 2.0% of mass 69	0.1 (0.5) 1
127	10.0 - 80.0% of mass 198	34
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	32.3
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	85.1
443	15.0 - 24.0% of mass 442	16.7 (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
A4ER7	P4162-01	BP022302.D	10/09/2024	23:52
EY069	P4207-07	BP022303.D	10/10/2024	00:33
EY084	P4207-08	BP022304.D	10/10/2024	01:13
EY050	P4207-12	BP022305.D	10/10/2024	01:54
EY051	P4207-13	BP022306.D	10/10/2024	02:35
EY053	P4207-14	BP022307.D	10/10/2024	03:16
EY052	P4207-09	BP022308.D	10/10/2024	03:57
EY052MS	P4207-10MS	BP022309.D	10/10/2024	04:38
EY052MSD	P4207-11MSD	BP022310.D	10/10/2024	05:19
EY061	P4207-02	BP022311.D	10/10/2024	06:00
EY062	P4207-03	BP022312.D	10/10/2024	06:41
SLCS728	PB163728BS	BP022313.D	10/10/2024	07:22
SLCS726	PB163726BS	BP022314.D	10/10/2024	08:03