

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP122324 SAS No.: BP122324 SDG No.: BP122324

Instrument ID: BNA_P Calibration Date/Time: 12/23/2024 : 13:40

Lab File ID: BP023561.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020763 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.601	0.622	0.010	3.4223	40.0
Pyridine	1.427	1.586	0.010	11.139	40.0
Benzaldehyde	0.897	0.941	0.010	4.8672	40.0
Phenol	1.634	1.774	0.080	8.5867	20.0
Bis(2-Chloroethyl)ether	1.290	1.390	0.100	7.7915	20.0
2-Chlorophenol	1.214	1.266	0.200	4.2561	20.0
2-Methylphenol	1.212	1.235	0.010	1.9391	20.0
2,2-oxybis(1-Chloropropane)	1.568	1.639	0.010	4.5193	40.0
Acetophenone	2.132	1.997	0.060	-6.3073	20.0
4-Methylphenol	1.308	1.307	0.010	-0.0619	20.0
N-Nitroso-di-n-propylamine	1.162	1.064	0.050	-8.4238	30.0
Hexachloroethane	0.591	0.575	0.100	-2.7337	20.0
Nitrobenzene	0.454	0.451	0.050	-0.7605	25.0
Isophorone	0.805	0.766	0.050	-4.8337	25.0
2-Nitrophenol	0.184	0.187	0.050	1.9456	25.0
2,4-Dimethylphenol	0.407	0.390	0.050	-4.3079	25.0
Bis(2-Chloroethoxy)methane	0.455	0.469	0.050	3.0304	20.0
2,4-Dichlorophenol	0.360	0.351	0.060	-2.4468	20.0
Naphthalene	1.047	1.087	0.200	3.8094	20.0
4-Chloroaniline	0.395	0.393	0.010	-0.4143	40.0
Hexachlorobutadiene	0.319	0.278	0.040	-12.8326	30.0
Caprolactam	0.105	0.096	0.010	-8.308	40.0
4-Chloro-3-methylphenol	0.391	0.358	0.040	-8.501	25.0
1-Methylnaphthalene	0.791	0.747	0.100	-5.527	20.0
2-Methylnaphthalene	0.776	0.724	0.100	-6.6907	20.0
Hexachlorocyclopentadiene	0.351	0.388	0.010	10.5745	40.0
2,4,6-Trichlorophenol	0.432	0.450	0.090	4.2893	25.0
2,4,5-Trichlorophenol	0.461	0.471	0.100	1.9576	25.0
1,1-Biphenyl	1.417	1.505	0.200	6.237	20.0
2-Chloronaphthalene	1.146	1.215	0.300	6.0403	20.0
2-Nitroaniline	0.332	0.335	0.050	0.7477	40.0
Dimethylphthalate	1.529	1.429	0.300	-6.5951	20.0
2,6-Dinitrotoluene	0.293	0.278	0.080	-5.091	30.0
Acenaphthylene	1.668	1.734	0.400	3.9734	20.0
3-Nitroaniline	0.246	0.180	0.010	-26.6328	40.0
Acenaphthene	1.219	1.222	0.200	0.2497	20.0
2,4-Dinitrophenol	0.189	0.150	0.010	-20.6559	40.0
4-Nitrophenol	0.256	0.181	0.010	-29.4088	40.0
Dibenzofuran	1.851	1.799	0.300	-2.8284	20.0

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Instrument ID: BNA_P Calibration Date/Time: 12/23/2024 : 13:40

Lab File ID: BP023561.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020763 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.472	0.408	0.070	-13.6451	30.0
Diethylphthalate	1.525	1.339	0.300	-12.2086	20.0
Fluorene	1.507	1.428	0.200	-5.2887	20.0
4-Chlorophenyl-phenylether	0.874	0.757	0.100	-13.4182	20.0
4-Nitroaniline	0.216	0.146	0.010	-32.6455	40.0
4,6-Dinitro-2-methylphenol	0.128	0.130	0.010	1.1785	40.0
N-Nitrosodiphenylamine	0.511	0.579	0.050	13.416	20.0
1,2,4,5-Tetrachlorobenzene	0.730	0.719	0.100	-1.4416	20.0
4-Bromophenyl-phenylether	0.236	0.229	0.070	-2.8108	20.0
Hexachlorobenzene	0.289	0.265	0.050	-8.4759	25.0
Atrazine	0.222	0.217	0.010	-2.4262	25.0
Pentachlorophenol	0.169	0.149	0.010	-11.7838	40.0
Phenanthrene	1.034	1.119	0.200	8.2541	20.0
Pentachlorobenzene	0.318	0.337	0.050	6.0588	20.0
Anthracene	1.034	1.126	0.200	8.8914	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.354	0.050	22.8981	20.0
Carbazole	0.842	0.961	0.050	14.0546	40.0
Di-n-butylphthalate	1.035	1.034	0.500	-0.0982	25.0
Fluoranthene	1.197	1.230	0.400	2.7579	25.0
Pyrene	1.271	1.354	0.400	6.5489	25.0
Butylbenzylphthalate	0.440	0.445	0.100	1.1784	40.0
3,3-Dichlorobenzidine	0.459	0.352	0.010	-23.3249	40.0
Benzo (a) anthracene	1.341	1.358	0.300	1.2775	30.0
Chrysene	1.285	1.272	0.200	-1.0546	30.0
Bis(2-ethylhexyl)phthalate	0.632	0.603	0.200	-4.5787	40.0
Di-n-octyl phthalate	0.977	0.838	0.010	-14.1612	40.0
Benzo (b) fluoranthene	1.257	1.197	0.200	-4.7352	25.0
Benzo (k) fluoranthene	1.250	1.177	0.200	-5.8854	25.0
Benzo (a) pyrene	1.139	1.135	0.200	-0.3691	20.0
Indeno (1,2,3-cd) pyrene	1.464	1.619	0.200	10.5695	25.0
Dibenzo (a,h) anthracene	1.172	1.273	0.200	8.6373	30.0
Benzo (g,h,i) perylene	1.121	1.267	0.200	13.0585	30.0
2,3,4,6-Tetrachlorophenol	0.458	0.389	0.040	-15.1809	20.0
Pyridine-d5	1.397	1.532	0.010	9.6481	40.0
1,4-Dioxane-d8	0.543	0.551	0.010	1.5011	25.0
Phenol-d5	1.569	1.664	0.010	6.0093	25.0
Bis- (2-Chloroethyl) ether-d8	0.990	1.051	0.050	6.203	25.0
2-Chlorophenol-d4	1.158	1.213	0.200	4.7112	20.0
4-Methylphenol-d8	1.267	1.185	0.010	-6.4276	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP122324 SAS No.: BP122324 SDG No.: BP122324
 Instrument ID: BNA_P Calibration Date/Time: 12/23/2024 : 13:40
 Lab File ID: BP023561.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020763 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.149	0.156	0.050	4.1706	20.0
2-Nitrophenol-d4	0.172	0.179	0.050	3.7146	30.0
2,4-Dichlorophenol-d3	0.363	0.345	0.060	-5.1598	20.0
4-Chloroaniline-d4	0.407	0.394	0.010	-3.2263	40.0
Dimethylphthalate-d6	1.553	1.442	0.300	-7.1441	20.0
Acenaphthylene-d8	1.638	1.668	0.400	1.8341	20.0
4-Nitrophenol-d4	0.190	0.254	0.010	33.6622	40.0
Fluorene-d10	1.366	1.280	0.100	-6.2435	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.118	0.010	-2.2969	40.0
Anthracene-d10	0.913	0.971	0.300	6.3385	20.0
Pyrene-d10	1.045	1.057	0.300	1.1608	25.0
Benzo(a)pyrene-d12	1.071	1.039	0.010	-2.9456	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP122324 SAS No.: BP122324 SDG No.: BP122324

Instrument ID: BNA_P Calibration Date/Time: 12/23/2024 : 23:47

Lab File ID: BP023576.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020764 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.601	0.606	0.010	0.808	50.0
Pyridine	1.427	1.494	0.010	4.7147	50.0
Benzaldehyde	0.897	0.985	0.010	9.7437	50.0
Phenol	1.634	1.788	0.080	9.4623	50.0
Bis(2-Chloroethyl)ether	1.290	1.406	0.100	8.9951	50.0
2-Chlorophenol	1.214	1.265	0.200	4.2113	50.0
2-Methylphenol	1.212	1.261	0.010	4.093	50.0
2,2-oxybis(1-Chloropropane)	1.568	1.688	0.010	7.6462	50.0
Acetophenone	2.132	2.105	0.060	-1.2629	50.0
4-Methylphenol	1.308	1.368	0.010	4.589	50.0
N-Nitroso-di-n-propylamine	1.162	1.140	0.050	-1.827	50.0
Hexachloroethane	0.591	0.586	0.100	-0.8688	50.0
Nitrobenzene	0.454	0.464	0.050	2.0913	50.0
Isophorone	0.805	0.826	0.050	2.6778	50.0
2-Nitrophenol	0.184	0.203	0.050	10.5148	50.0
2,4-Dimethylphenol	0.407	0.404	0.050	-0.7803	50.0
Bis(2-Chloroethoxy)methane	0.455	0.505	0.050	11.0034	50.0
2,4-Dichlorophenol	0.360	0.369	0.060	2.5165	50.0
Naphthalene	1.047	1.071	0.200	2.3273	50.0
4-Chloroaniline	0.395	0.434	0.010	9.9403	50.0
Hexachlorobutadiene	0.319	0.280	0.040	-12.1935	50.0
Caprolactam	0.105	0.112	0.010	6.9402	50.0
4-Chloro-3-methylphenol	0.391	0.395	0.040	1.0566	50.0
1-Methylnaphthalene	0.791	0.782	0.100	-1.1732	50.0
2-Methylnaphthalene	0.776	0.759	0.100	-2.2832	50.0
Hexachlorocyclopentadiene	0.351	0.384	0.010	9.3863	50.0
2,4,6-Trichlorophenol	0.432	0.449	0.090	3.8822	50.0
2,4,5-Trichlorophenol	0.461	0.481	0.100	4.1679	50.0
1,1-Biphenyl	1.417	1.466	0.200	3.4524	50.0
2-Chloronaphthalene	1.146	1.176	0.300	2.6024	50.0
2-Nitroaniline	0.332	0.357	0.050	7.6219	50.0
Dimethylphthalate	1.529	1.515	0.300	-0.9126	50.0
2,6-Dinitrotoluene	0.293	0.299	0.080	2.1743	50.0
Acenaphthylene	1.668	1.720	0.400	3.1182	50.0
3-Nitroaniline	0.246	0.222	0.010	-9.7606	50.0
Acenaphthene	1.219	1.233	0.200	1.1425	50.0
2,4-Dinitrophenol	0.189	0.215	0.010	13.6518	50.0
4-Nitrophenol	0.256	0.329	0.010	28.4966	50.0
Dibenzofuran	1.851	1.810	0.300	-2.2474	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP122324 SAS No.: BP122324 SDG No.: BP122324

Instrument ID: BNA_P Calibration Date/Time: 12/23/2024 : 23:47

Lab File ID: BP023576.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020764 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.472	0.456	0.070	-3.5208	50.0
Diethylphthalate	1.525	1.441	0.300	-5.5314	50.0
Fluorene	1.507	1.465	0.200	-2.8035	50.0
4-Chlorophenyl-phenylether	0.874	0.789	0.100	-9.7128	50.0
4-Nitroaniline	0.216	0.162	0.010	-24.9319	50.0
4,6-Dinitro-2-methylphenol	0.128	0.135	0.010	4.9616	50.0
N-Nitrosodiphenylamine	0.511	0.566	0.050	10.7914	50.0
1,2,4,5-Tetrachlorobenzene	0.730	0.698	0.100	-4.3605	50.0
4-Bromophenyl-phenylether	0.236	0.226	0.070	-4.2443	50.0
Hexachlorobenzene	0.289	0.260	0.050	-10.0269	50.0
Atrazine	0.222	0.224	0.010	1.0006	50.0
Pentachlorophenol	0.169	0.155	0.010	-8.4757	50.0
Phenanthrene	1.034	1.103	0.200	6.7206	50.0
Pentachlorobenzene	0.318	0.308	0.050	-2.9375	50.0
Anthracene	1.034	1.110	0.200	7.3879	50.0
1,2,3,4-Tetrachlorobenzene	0.288	0.313	0.050	8.4928	50.0
Carbazole	0.842	0.995	0.050	18.1696	50.0
Di-n-butylphthalate	1.035	1.092	0.500	5.5181	50.0
Fluoranthene	1.197	1.223	0.400	2.1369	50.0
Pyrene	1.271	1.294	0.400	1.8618	50.0
Butylbenzylphthalate	0.440	0.484	0.100	10.011	50.0
3,3-Dichlorobenzidine	0.459	0.374	0.010	-18.4665	50.0
Benzo (a) anthracene	1.341	1.345	0.300	0.2599	50.0
Chrysene	1.285	1.268	0.200	-1.3177	50.0
Bis(2-ethylhexyl)phthalate	0.632	0.665	0.200	5.301	50.0
Di-n-octyl phthalate	0.977	1.006	0.010	2.9526	50.0
Benzo (b) fluoranthene	1.257	1.233	0.200	-1.8628	50.0
Benzo (k) fluoranthene	1.250	1.247	0.200	-0.2891	50.0
Benzo (a) pyrene	1.139	1.157	0.200	1.5849	50.0
Indeno (1,2,3-cd) pyrene	1.464	1.525	0.200	4.1537	50.0
Dibenzo (a,h) anthracene	1.172	1.225	0.200	4.5497	50.0
Benzo (g,h,i) perylene	1.121	1.197	0.200	6.7498	50.0
2,3,4,6-Tetrachlorophenol	0.458	0.430	0.040	-6.0877	50.0
Pyridine-d5	1.397	1.430	0.010	2.3644	50.0
1,4-Dioxane-d8	0.543	0.541	0.010	-0.3883	50.0
Phenol-d5	1.569	1.720	0.010	9.6017	50.0
Bis- (2-Chloroethyl) ether-d8	0.990	1.073	0.050	8.3748	50.0
2-Chlorophenol-d4	1.158	1.244	0.200	7.4404	50.0
4-Methylphenol-d8	1.267	1.286	0.010	1.5567	50.0

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 Instrument ID: BNA_P Calibration Date/Time: 12/23/2024 : 23:47
 Lab File ID: BP023576.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020764 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.149	0.155	0.050	3.8239	50.0
2-Nitrophenol-d4	0.172	0.185	0.050	7.7227	50.0
2,4-Dichlorophenol-d3	0.363	0.372	0.060	2.4782	50.0
4-Chloroaniline-d4	0.407	0.444	0.010	9.0507	50.0
Dimethylphthalate-d6	1.553	1.535	0.300	-1.142	50.0
Acenaphthylene-d8	1.638	1.681	0.400	2.6596	50.0
4-Nitrophenol-d4	0.190	0.168	0.010	-11.7129	50.0
Fluorene-d10	1.366	1.324	0.100	-3.04	50.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.123	0.010	1.7082	50.0
Anthracene-d10	0.913	0.953	0.300	4.3937	50.0
Pyrene-d10	1.045	1.056	0.300	1.0943	50.0
Benzo(a)pyrene-d12	1.071	1.076	0.010	0.486	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK779	SDG No.:	BP122324
Lab Sample ID:	PB165779BL	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
BP023562.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

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:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK779	SDG No.:	BP122324
Lab Sample ID:	PB165779BL	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
BP023562.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

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:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK779	SDG No.:	BP122324
Lab Sample ID:	PB165779BL	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
BP023562.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.638		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	23.76		20-120		59	SPK: -40
4165-62-2	Phenol-d5	24.406		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.563		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.393		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	23.014		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	23.282		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.227		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.017		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.149		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.956		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.006		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.66		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	22.748		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	12/20/2024 12:00:00 AM
Project:		Date Received:	12/20/2024 12:00:00 AM
Client Sample ID:	SBLK779	SDG No.:	BP122324
Lab Sample ID:	PB165779BL	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
BP023562.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.013		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	24.967		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	25.196		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.82		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126411	7.522				
1146-65-2	Naphthalene-d8	443806	10.275				
15067-26-2	Acenaphthene-d10	298573	14.163				
1517-22-2	Phenanthrene-d10	650818	16.963				
1719-03-5	Chrysene-d12	719154	21.404				
1520-96-3	Perylene-d12	820793	24.58				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AS0	SDG No.:	BP122324
Lab Sample ID:	P5302-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023563.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	7.8	79	ug/Kg
100-52-7	Benzaldehyde	53	U	53	97.4	390	ug/Kg
110-86-1	Pyridine	39	U	39	190	390	ug/Kg
108-95-2	Phenol	79	J	51	97.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	97.4	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50.2	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	97.4	390	ug/Kg
98-86-2	Acetophenone	200	J	47	97.4	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	97.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	60	50.2	200	ug/Kg
67-72-1	Hexachloroethane	21	U	21	50.2	200	ug/Kg
98-95-3	Nitrobenzene	37	U	37	50.2	200	ug/Kg
78-59-1	Isophorone	57	U	57	50.2	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	50.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	50.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	50.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	19	U	19	50.2	200	ug/Kg
91-20-3	Naphthalene	30	U	30	50.2	200	ug/Kg
106-47-8	4-Chloroaniline	28	U	28	50.2	390	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	50.2	200	ug/Kg
105-60-2	Caprolactam	85	U	85	97.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	58	U	58	50.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	50.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	27	U	27	50.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	50.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	50.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AS0	SDG No.:	BP122324
Lab Sample ID:	P5302-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023563.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	50.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	31	U	31	50.2	200	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	50.2	200	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	50.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	50.2	200	ug/Kg
208-96-8	Acenaphthylene	38	U	38	50.2	200	ug/Kg
99-09-2	3-Nitroaniline	52	U	52	97.4	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	50.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	97.4	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.4	390	ug/Kg
132-64-9	Dibenzofuran	38	U	38	50.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	50.2	200	ug/Kg
84-66-2	Diethylphthalate	35	U	35	50.2	200	ug/Kg
86-73-7	Fluorene	30	U	30	50.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.2	200	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	97.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	97.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	50.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	28	U	28	50.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	50.2	200	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	50.2	200	ug/Kg
1912-24-9	Atrazine	84	U	84	97.4	390	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	97.4	390	ug/Kg
85-01-8	Phenanthrene	46	J	34	50.2	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.2	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	50.2	200	ug/Kg
86-74-8	Carbazole	33	U	33	97.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	50.2	200	ug/Kg
206-44-0	Fluoranthene	83	J	64	97.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AS0	SDG No.:	BP122324
Lab Sample ID:	P5302-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023563.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	J	58	50.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	99	U	99	50.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	97.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	50.2	200	ug/Kg
218-01-9	Chrysene	40	J	37	50.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	50.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	90	U	90	97.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	J	39	50.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	50.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	50.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	50.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31	U	31	50.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	50.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.711		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	3.568	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	16.007		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.537		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.242		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	11.486		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	15.654		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.9		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.461		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.796		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.989		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	15.351		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.673		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	14.457		20-140		36	SPK: -40

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2AS0	SDG No.:	BP122324
Lab Sample ID:	P5302-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023563.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.294		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	17.535		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	16.609		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.857		10-140		32	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91436	7.522				
1146-65-2	Naphthalene-d8	320294	10.269				
15067-26-2	Acenaphthene-d10	217230	14.157				
1517-22-2	Phenanthrene-d10	448426	16.969				
1719-03-5	Chrysene-d12	497043	21.404				
1520-96-3	Perylene-d12	644178	24.58				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	J			15.557	
000057-10-3	n-Hexadecanoic acid	210	J			17.904	
	(DEL) Alkane: Straight-Chain	21.063	J			21.063	
E966796	Total Alkanes	140				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2908	SDG No.:	BP122324
Lab Sample ID:	P5333-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023564.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.2	83	ug/Kg
100-52-7	Benzaldehyde	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	200	410	ug/Kg
108-95-2	Phenol	53	U	53	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	410	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	52.7	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74	U	74	100	410	ug/Kg
98-86-2	Acetophenone	50	U	50	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	52.7	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.7	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52.7	210	ug/Kg
78-59-1	Isophorone	60	U	60	52.7	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.7	210	ug/Kg
91-20-3	Naphthalene	31	U	31	52.7	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	52.7	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	52.7	210	ug/Kg
105-60-2	Caprolactam	89	U	89	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	52.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	52.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	52.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	52.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2908	SDG No.:	BP122324
Lab Sample ID:	P5333-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023564.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	52.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.7	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	52.7	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	52.7	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	52.7	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	52.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	40	U	40	52.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52.7	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.7	210	ug/Kg
86-73-7	Fluorene	31	U	31	52.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.7	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	95	U	95	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	52.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.7	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	52.7	210	ug/Kg
1912-24-9	Atrazine	88	U	88	100	410	ug/Kg
87-86-5	Pentachlorophenol	92	U	92	100	410	ug/Kg
85-01-8	Phenanthrene	46	J	36	52.7	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.7	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	52.7	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	52.7	210	ug/Kg
206-44-0	Fluoranthene	97	J	67	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2908	SDG No.:	BP122324
Lab Sample ID:	P5333-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
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
BP023564.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	81	J	61	52.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	41	J	33	52.7	210	ug/Kg
218-01-9	Chrysene	44	J	38	52.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	J	120	52.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	94	U	94	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	J	41	52.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	52.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	52.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	52.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	52.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.236		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	14.821		20-120		37	SPK: -40
4165-62-2	Phenol-d5	27.625		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.572		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.522		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	25.967		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	26.826		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.089		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.619		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.519		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.139		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	23.56		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.868		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	21.042		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2908	SDG No.:	BP122324
Lab Sample ID:	P5333-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023564.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.291		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	22.407		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	19.062		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.033		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	196948	7.522				
1146-65-2	Naphthalene-d8	755352	10.269				
15067-26-2	Acenaphthene-d10	568343	14.146				
1517-22-2	Phenanthrene-d10	1250882	16.969				
1719-03-5	Chrysene-d12	1300116	21.404				
1520-96-3	Perylene-d12	1393549	24.58				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	200	J			15.546	
000057-10-3	n-Hexadecanoic acid	500	J			17.898	
000057-11-4	Octadecanoic acid	150	J			19.245	
	(DEL) Alkane: Cyclic	220	J			21.069	
E966796	Total Alkanes	220				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2909	SDG No.:	BP122324
Lab Sample ID:	P5333-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.9
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
BP023565.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.4	95	ug/Kg
110-86-1	Pyridine	47	U	47	230	470	ug/Kg
100-52-7	Benzaldehyde	64	U	64	120	470	ug/Kg
108-95-2	Phenol	61	U	61	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	57	U	57	120	470	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	60.4	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	85	U	85	120	470	ug/Kg
98-86-2	Acetophenone	57	U	57	120	470	ug/Kg
106-44-5	4-Methylphenol	53	U	53	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	73	U	73	60.4	240	ug/Kg
67-72-1	Hexachloroethane	26	U	26	60.4	240	ug/Kg
98-95-3	Nitrobenzene	44	U	44	60.4	240	ug/Kg
78-59-1	Isophorone	68	U	68	60.4	240	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	60.4	240	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	60.4	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	60.4	240	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	60.4	240	ug/Kg
91-20-3	Naphthalene	36	U	36	60.4	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	60.4	470	ug/Kg
87-68-3	Hexachlorobutadiene	63	U	63	60.4	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	70	U	70	60.4	240	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	60.4	240	ug/Kg
91-57-6	2-Methylnaphthalene	33	U	33	60.4	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	70	U	70	60.4	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	60.4	240	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2909	SDG No.:	BP122324
Lab Sample ID:	P5333-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.9
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
BP023565.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	60.4	240	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	60.4	240	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	60.4	240	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	60.4	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	63	U	63	60.4	240	ug/Kg
208-96-8	Acenaphthylene	45	U	45	60.4	240	ug/Kg
99-09-2	3-Nitroaniline	63	U	63	120	470	ug/Kg
83-32-9	Acenaphthene	41	U	41	60.4	240	ug/Kg
51-28-5	2,4-Dinitrophenol	68	U	68	120	470	ug/Kg
100-02-7	4-Nitrophenol	63	U	63	120	470	ug/Kg
132-64-9	Dibenzofuran	45	U	45	60.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	60.4	240	ug/Kg
84-66-2	Diethylphthalate	43	U	43	60.4	240	ug/Kg
86-73-7	Fluorene	36	U	36	60.4	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	60.4	240	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	60.4	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	60.4	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	60.4	240	ug/Kg
118-74-1	Hexachlorobenzene	45	U	45	60.4	240	ug/Kg
1912-24-9	Atrazine	100	U	100	120	470	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	470	ug/Kg
85-01-8	Phenanthrene	71	J	41	60.4	240	ug/Kg
608-93-5	Pentachlorobenzene	74	U	74	60.4	240	ug/Kg
120-12-7	Anthracene	36	U	36	60.4	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	71	U	71	60.4	240	ug/Kg
86-74-8	Carbazole	40	U	40	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	87	U	87	60.4	240	ug/Kg
206-44-0	Fluoranthene	130	J	77	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2909	SDG No.:	BP122324
Lab Sample ID:	P5333-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.9
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
BP023565.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	120	J	70	60.4	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	60.4	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	67	J	38	60.4	240	ug/Kg
218-01-9	Chrysene	71	J	44	60.4	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	60.4	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	89	J	47	60.4	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	60.4	240	ug/Kg
50-32-8	Benzo(a)pyrene	66	J	45	60.4	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	60.4	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	60.4	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	J	37	60.4	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	60.4	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.857		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	26.716		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.653		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.341		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	24.223		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	25.294		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.554		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.991		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.118		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.817		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	25.14		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.497		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	22.669		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	12/12/2024 12:00:00 AM
Project:		Date Received:	12/12/2024 12:00:00 AM
Client Sample ID:	E2909	SDG No.:	BP122324
Lab Sample ID:	P5333-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.9
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
BP023565.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.635		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	24.967		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	21.363		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.598		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101996	7.516				
1146-65-2	Naphthalene-d8	369376	10.275				
15067-26-2	Acenaphthene-d10	239075	14.157				
1517-22-2	Phenanthrene-d10	502636	16.969				
1719-03-5	Chrysene-d12	624974	21.398				
1520-96-3	Perylene-d12	746070	24.604				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic10.128	130	J			10.128	
000119-61-9	Benzophenone	780	J			15.545	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	120	J			16.116	
000057-10-3	n-Hexadecanoic acid	660	J			17.904	
000124-28-7	Dimantine	200	J			18.928	
000057-11-4	Octadecanoic acid	210	J			19.245	
002721-23-5	.gamma.-Tetradecalactone	100	J			20.222	
	(DEL) Alkane: Cyclic21.069	220	J			21.069	
E966796	Total Alkanes	350				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2911	SDG No.:	BP122324
Lab Sample ID:	P5333-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023566.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.3	83	ug/Kg
100-52-7	Benzaldehyde	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	210	410	ug/Kg
108-95-2	Phenol	54	J	54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	410	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	53.1	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	100	410	ug/Kg
98-86-2	Acetophenone	50	U	50	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	64	53.1	210	ug/Kg
67-72-1	Hexachloroethane	23	U	23	53.1	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.1	210	ug/Kg
78-59-1	Isophorone	60	U	60	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.1	210	ug/Kg
91-20-3	Naphthalene	31	U	31	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	53.1	210	ug/Kg
105-60-2	Caprolactam	90	U	90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2911	SDG No.:	BP122324
Lab Sample ID:	P5333-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023566.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	53.1	210	ug/Kg
208-96-8	Acenaphthylene	40	U	40	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	36	U	36	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	40	U	40	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53.1	210	ug/Kg
84-66-2	Diethylphthalate	38	U	38	53.1	210	ug/Kg
86-73-7	Fluorene	31	U	31	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.1	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53.1	210	ug/Kg
1912-24-9	Atrazine	89	U	89	100	410	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	100	410	ug/Kg
85-01-8	Phenanthrene	71	J	36	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.1	210	ug/Kg
120-12-7	Anthracene	31	U	31	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	53.1	210	ug/Kg
86-74-8	Carbazole	35	U	35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	53.1	210	ug/Kg
206-44-0	Fluoranthene	100	J	68	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2911	SDG No.:	BP122324
Lab Sample ID:	P5333-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023566.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	92	J	61	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	45	J	34	53.1	210	ug/Kg
218-01-9	Chrysene	50	J	39	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	J	41	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	43	J	40	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.791		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	24.378		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.847		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.521		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	21.954		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	22.82		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.436		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.882		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.591		1-145		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.193		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	19.589		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.562		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	16.833		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2911	SDG No.:	BP122324
Lab Sample ID:	P5333-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023566.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.043		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	18.498		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	15.945		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.23		10-140		31	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190707	7.522				
1146-65-2	Naphthalene-d8	741496	10.269				
15067-26-2	Acenaphthene-d10	540860	14.145				
1517-22-2	Phenanthrene-d10	1175400	16.963				
1719-03-5	Chrysene-d12	1176998	21.398				
1520-96-3	Perylene-d12	1296074	24.598				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	10.122	130	J		10.122	
000119-61-9	Benzophenone	390	J			15.539	
000057-10-3	n-Hexadecanoic acid	520	J			17.892	
000124-28-7	Dimantine	92	J			18.922	
000057-11-4	Octadecanoic acid	180	J			19.233	
	(DEL) Alkane: Cyclic	21.068	170	J		21.068	
E966796	Total Alkanes	300				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2913	SDG No.:	BP122324
Lab Sample ID:	P5333-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023567.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.1	82	ug/Kg
100-52-7	Benzaldehyde	55	U	55	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	200	410	ug/Kg
108-95-2	Phenol	160	J	53	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	49	U	49	100	410	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	52.4	210	ug/Kg
95-48-7	2-Methylphenol	48	U	48	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	74	U	74	100	410	ug/Kg
98-86-2	Acetophenone	270	J	49	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	63	U	63	52.4	210	ug/Kg
67-72-1	Hexachloroethane	22	U	22	52.4	210	ug/Kg
98-95-3	Nitrobenzene	38	U	38	52.4	210	ug/Kg
78-59-1	Isophorone	59	U	59	52.4	210	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	52.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	52.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	52.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	52.4	210	ug/Kg
91-20-3	Naphthalene	900		31	52.4	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	52.4	410	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	52.4	210	ug/Kg
105-60-2	Caprolactam	89	U	89	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	52.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	390		41	52.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	530		28	52.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	60	U	60	52.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	52.4	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2913	SDG No.:	BP122324
Lab Sample ID:	P5333-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023567.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	190	J	30	52.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	32	U	32	52.4	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	52.4	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	52.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	52.4	210	ug/Kg
208-96-8	Acenaphthylene	39	U	39	52.4	210	ug/Kg
99-09-2	3-Nitroaniline	54	U	54	100	410	ug/Kg
83-32-9	Acenaphthene	2000		36	52.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	59	U	59	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	1600		39	52.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	53	52.4	210	ug/Kg
84-66-2	Diethylphthalate	37	U	37	52.4	210	ug/Kg
86-73-7	Fluorene	1400		31	52.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.4	210	ug/Kg
100-01-6	4-Nitroaniline	38	U	38	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	95	U	95	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	52.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	52.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	52.4	210	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	52.4	210	ug/Kg
1912-24-9	Atrazine	87	U	87	100	410	ug/Kg
87-86-5	Pentachlorophenol	91	U	91	100	410	ug/Kg
85-01-8	Phenanthrene	16000	E	36	52.4	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.4	210	ug/Kg
120-12-7	Anthracene	2900		31	52.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	62	U	62	52.4	210	ug/Kg
86-74-8	Carbazole	2300		34	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	52.4	210	ug/Kg
206-44-0	Fluoranthene	13000	E	67	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2913	SDG No.:	BP122324
Lab Sample ID:	P5333-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023567.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	9600	E	60	52.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	52.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	5500	E	33	52.4	210	ug/Kg
218-01-9	Chrysene	5200	E	38	52.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	52.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	94	U	94	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	5700	E	41	52.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		47	52.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	4100	E	39	52.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		38	52.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	800		34	52.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2500		32	52.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	52.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.588		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	2.694	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	34.217		10-130		86	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.551		10-150		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.813		15-120		85	SPK: -40
190780-66-6	4-Methylphenol-d8	29.314		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	32.74		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.098		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.064		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.19		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.874		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	32.326		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.768		10-150		92	SPK: -40
81103-79-9	Fluorene-d10	29.939		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2913	SDG No.:	BP122324
Lab Sample ID:	P5333-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023567.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.36		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	32.35		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	26.015		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.122		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108699	7.516				
1146-65-2	Naphthalene-d8	389284	10.269				
15067-26-2	Acenaphthene-d10	266388	14.151				
1517-22-2	Phenanthrene-d10	622608	16.963				
1719-03-5	Chrysene-d12	804517	21.392				
1520-96-3	Perylene-d12	992295	24.568				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-68-3	3-Octanone	1000	J			6.21	
000103-65-1	Benzene, propyl-	650	J			6.51	
000611-14-3	Benzene, 1-ethyl-2-methyl-	2500	J			6.622	
000622-96-8	Benzene, 1-ethyl-4-methyl-	710	J			6.675	
001074-43-7	Benzene, 1-methyl-3-propyl-	460	J			8.046	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	1000	J			8.134	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	660	J			8.593	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	550	J			15.669	
001430-97-3	9H-Fluorene, 2-methyl-	330	J			16.251	
000486-25-9	9H-Fluorene-9-one	1400	J			16.622	
000132-65-0	Dibenzothiophene	1100	J			16.775	
000260-94-6	Acridine	330	J			17.169	
000832-69-9	Phenanthrene, 1-methyl-	1200	J			17.857	
002531-84-2	Phenanthrene, 2-methyl-	2000	J			17.91	
000613-12-7	Anthracene, 2-methyl-	420	J			17.992	
000203-64-5	4H-Cyclopenta[def]phenanthrene	2200	J			18.063	
006109-24-6	1a,9b-Dihydro-1H-cyclopropa[a]anth	670	J			18.104	

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2913	SDG No.:	BP122324
Lab Sample ID:	P5333-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023567.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000612-94-2	Naphthalene, 2-phenyl-	940	J			18.392	
000084-65-1	9,10-Anthracenedione	1700	J			18.457	
003674-69-9	Phenanthrene, 4,5-dimethyl-	310	J			18.639	
003674-66-6	Phenanthrene, 2,5-dimethyl-	510	J			18.827	
005737-13-3	Cyclopenta(def)phenanthrenone	890	J			18.98	
002381-21-7	Pyrene, 1-methyl-	94	J			20.169	
000479-79-8	11H-Benzo[a]fluoren-11-one	130	J			20.798	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	140	J			20.968	
000082-05-3	7H-Benz[de]anthracen-7-one	110	J			21.133	
000192-97-2	Benzo[e]pyrene	930	J			23.827	
000198-55-0	Perylene	3800	J			24.286	
000205-82-3	Benzo[j]fluoranthene	1200	J			24.645	
000222-93-5	Pentaphene	580	J			28.639	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2917	SDG No.:	BP122324
Lab Sample ID:	P5333-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023568.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.6	87	ug/Kg
110-86-1	Pyridine	43	U	43	210	430	ug/Kg
100-52-7	Benzaldehyde	58	U	58	110	430	ug/Kg
108-95-2	Phenol	70	J	56	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	52	U	52	110	430	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	55.2	220	ug/Kg
95-48-7	2-Methylphenol	51	U	51	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	78	U	78	110	430	ug/Kg
98-86-2	Acetophenone	52	U	52	110	430	ug/Kg
106-44-5	4-Methylphenol	48	U	48	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	66	U	66	55.2	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	55.2	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	55.2	220	ug/Kg
78-59-1	Isophorone	62	U	62	55.2	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	55.2	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	55.2	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	55.2	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	55.2	220	ug/Kg
91-20-3	Naphthalene	32	U	32	55.2	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	55.2	430	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	55.2	220	ug/Kg
105-60-2	Caprolactam	93	U	93	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	64	U	64	55.2	220	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	55.2	220	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	55.2	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	64	U	64	55.2	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	55.2	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2917	SDG No.:	BP122324
Lab Sample ID:	P5333-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023568.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	55.2	220	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	55.2	220	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	55.2	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	55.2	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	57	55.2	220	ug/Kg
208-96-8	Acenaphthylene	42	U	42	55.2	220	ug/Kg
99-09-2	3-Nitroaniline	57	U	57	110	430	ug/Kg
83-32-9	Acenaphthene	38	U	38	55.2	220	ug/Kg
51-28-5	2,4-Dinitrophenol	62	U	62	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	42	U	42	55.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56	U	56	55.2	220	ug/Kg
84-66-2	Diethylphthalate	39	U	39	55.2	220	ug/Kg
86-73-7	Fluorene	32	U	32	55.2	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.2	220	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	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	55.2	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	55.2	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	55.2	220	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	55.2	220	ug/Kg
1912-24-9	Atrazine	92	U	92	110	430	ug/Kg
87-86-5	Pentachlorophenol	96	U	96	110	430	ug/Kg
85-01-8	Phenanthrene	120	J	38	55.2	220	ug/Kg
608-93-5	Pentachlorobenzene	67	U	67	55.2	220	ug/Kg
120-12-7	Anthracene	32	U	32	55.2	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	65	U	65	55.2	220	ug/Kg
86-74-8	Carbazole	36	U	36	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	79	U	79	55.2	220	ug/Kg
206-44-0	Fluoranthene	210	J	70	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2917	SDG No.:	BP122324
Lab Sample ID:	P5333-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
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
BP023568.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	190	J	64	55.2	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	55.2	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	35	55.2	220	ug/Kg
218-01-9	Chrysene	120	J	40	55.2	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	55.2	220	ug/Kg
117-84-0	Di-n-octyl phthalate	99	U	99	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	43	55.2	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	J	49	55.2	220	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	42	55.2	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	74	J	40	55.2	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	55.2	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	34	55.2	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	55.2	220	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	17.071		20-120		43	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.809		15-120		48	SPK: -8
4165-62-2	Phenol-d5	21.483		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.257		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.708		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	17.487		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	20.894		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.343		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.645		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.338		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.686		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	21.561		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.145		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	19.776		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	12/16/2024 12:00:00 AM
Project:		Date Received:	12/16/2024 12:00:00 AM
Client Sample ID:	E2917	SDG No.:	BP122324
Lab Sample ID:	P5333-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023568.D	1	12/20/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165779

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.559		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	21.843		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	19.099		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.36		10-140		33	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88560	7.522				
1146-65-2	Naphthalene-d8	327137	10.275				
15067-26-2	Acenaphthene-d10	226602	14.151				
1517-22-2	Phenanthrene-d10	484281	16.963				
1719-03-5	Chrysene-d12	541504	21.392				
1520-96-3	Perylene-d12	614490	24.568				
TENTATIVE IDENTIFIED COMPOUNDS							
004412-16-2	2-Dodecenoic acid	170	J			14.992	
000119-61-9	Benzophenone	350	J			15.545	
005637-97-8	Heptadecanolide	93	J			16.71	
077899-03-7	1-Heneicosyl formate	140	J			17.369	
000373-49-9	Palmitoleic acid	160	J			17.839	
000057-10-3	n-Hexadecanoic acid	580	J			17.898	
	(DEL) Alkane: Cyclic	21.057	J			21.057	
000192-65-4	1,2:4,5-Dibenzopyrene	840	J			21.563	
000189-64-0	3,4:8,9-Dibenzopyrene	350	J			24.733	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ3	SDG No.:	BP122324
Lab Sample ID:	P5331-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023569.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.1	72	ug/Kg
100-52-7	Benzaldehyde	49	U	49	89.3	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	89.3	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	89.3	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46	180	ug/Kg
95-48-7	2-Methylphenol	42	U	42	89.3	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	65	89.3	360	ug/Kg
98-86-2	Acetophenone	43	U	43	89.3	360	ug/Kg
106-44-5	4-Methylphenol	40	U	40	89.3	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	55	U	55	46	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	46	180	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46	180	ug/Kg
78-59-1	Isophorone	52	U	52	46	180	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46	180	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	46	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	46	180	ug/Kg
91-20-3	Naphthalene	27	U	27	46	180	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46	180	ug/Kg
105-60-2	Caprolactam	78	U	78	89.3	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	46	180	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46	180	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	89.3	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	46	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	46	180	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ3	SDG No.:	BP122324
Lab Sample ID:	P5331-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023569.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	46	180	ug/Kg
88-74-4	2-Nitroaniline	44	U	44	46	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	46	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46	180	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46	180	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	89.3	360	ug/Kg
83-32-9	Acenaphthene	31	U	31	46	180	ug/Kg
51-28-5	2,4-Dinitrophenol	52	U	52	89.3	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	89.3	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46	180	ug/Kg
84-66-2	Diethylphthalate	32	U	32	46	180	ug/Kg
86-73-7	Fluorene	27	U	27	46	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46	180	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	89.3	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83	U	83	89.3	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	46	180	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46	180	ug/Kg
1912-24-9	Atrazine	77	U	77	89.3	360	ug/Kg
87-86-5	Pentachlorophenol	80	U	80	89.3	360	ug/Kg
85-01-8	Phenanthrene	31	U	31	46	180	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	46	180	ug/Kg
120-12-7	Anthracene	27	U	27	46	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	54	U	54	46	180	ug/Kg
86-74-8	Carbazole	30	U	30	89.3	360	ug/Kg
84-74-2	Di-n-butylphthalate	66	U	66	46	180	ug/Kg
206-44-0	Fluoranthene	58	U	58	89.3	180	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ3	SDG No.:	BP122324
Lab Sample ID:	P5331-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023569.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	46	180	ug/Kg
85-68-7	Butylbenzylphthalate	91	U	91	46	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	89.3	360	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	46	180	ug/Kg
218-01-9	Chrysene	34	U	34	46	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	46	180	ug/Kg
117-84-0	Di-n-octyl phthalate	82	U	82	89.3	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	36	46	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	46	180	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	46	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	46	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	46	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	46	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.109		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	14.836		20-120		37	SPK: -40
4165-62-2	Phenol-d5	18.05		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.794		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.913		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	17.577		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	17.558		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.28		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.781		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.06		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.904		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	17.7		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.929		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	17.126		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ3	SDG No.:	BP122324
Lab Sample ID:	P5331-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	7.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023569.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.651		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	18.688		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	17.572		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.747		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131546	7.522				
1146-65-2	Naphthalene-d8	491095	10.269				
15067-26-2	Acenaphthene-d10	351188	14.157				
1517-22-2	Phenanthrene-d10	810388	16.969				
1719-03-5	Chrysene-d12	940035	21.392				
1520-96-3	Perylene-d12	1040866	24.574				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	160	J			15.557	
000057-10-3	n-Hexadecanoic acid	240	J			17.916	
1000406-04-8	Pentadecafluorooctanoic acid, octa	120	J			21.057	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ0	SDG No.:	BP122324
Lab Sample ID:	P5302-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023570.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.2	73	ug/Kg
100-52-7	Benzaldehyde	49	U	49	90	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	90	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	90	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.3	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	65	90	360	ug/Kg
98-86-2	Acetophenone	44	U	44	90	360	ug/Kg
106-44-5	4-Methylphenol	40	U	40	90	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.3	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.3	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.3	190	ug/Kg
78-59-1	Isophorone	52	U	52	46.3	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	46.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	46.3	190	ug/Kg
91-20-3	Naphthalene	27	U	27	46.3	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.3	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46.3	190	ug/Kg
105-60-2	Caprolactam	79	U	79	90	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	46.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	36	U	36	46.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	25	U	25	46.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	90	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	46.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ0	SDG No.:	BP122324
Lab Sample ID:	P5302-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023570.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	46.3	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.3	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46.3	190	ug/Kg
208-96-8	Acenaphthylene	35	U	35	46.3	190	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	90	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	52	U	52	90	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90	360	ug/Kg
132-64-9	Dibenzofuran	35	U	35	46.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.3	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.3	190	ug/Kg
86-73-7	Fluorene	27	U	27	46.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.3	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	90	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	84	U	84	90	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.3	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.3	190	ug/Kg
1912-24-9	Atrazine	77	U	77	90	360	ug/Kg
87-86-5	Pentachlorophenol	81	U	81	90	360	ug/Kg
85-01-8	Phenanthrene	32	U	32	46.3	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.3	190	ug/Kg
120-12-7	Anthracene	27	U	27	46.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	46.3	190	ug/Kg
86-74-8	Carbazole	31	U	31	90	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.3	190	ug/Kg
206-44-0	Fluoranthene	59	U	59	90	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ0	SDG No.:	BP122324
Lab Sample ID:	P5302-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.6
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
BP023570.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	46.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	92	U	92	46.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	90	360	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	46.3	190	ug/Kg
218-01-9	Chrysene	34	U	34	46.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	46.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	83	U	83	90	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	36	U	36	46.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	46.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	46.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	46.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	46.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	46.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.125		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	17.373		20-120		43	SPK: -40
4165-62-2	Phenol-d5	25.092		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.786		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.977		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	24.449		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	25.288		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.386		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.173		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.244		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.831		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	25.977		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.794		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	24.867		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ0	SDG No.:	BP122324
Lab Sample ID:	P5302-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023570.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.019		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	28.525		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	25.603		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.013		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126637	7.522				
1146-65-2	Naphthalene-d8	455256	10.275				
15067-26-2	Acenaphthene-d10	322299	14.145				
1517-22-2	Phenanthrene-d10	686425	16.963				
1719-03-5	Chrysene-d12	824497	21.392				
1520-96-3	Perylene-d12	963951	24.574				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	120	J			15.545	
000057-10-3	n-Hexadecanoic acid	230	J			17.898	
000301-02-0	9-Octadecenamide, (Z)-	120	J			20.433	
	(DEL) Alkane: Cyclic	130	J			21.063	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ2	SDG No.:	BP122324
Lab Sample ID:	P5302-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023571.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7	71	ug/Kg
100-52-7	Benzaldehyde	48	U	48	87.8	350	ug/Kg
110-86-1	Pyridine	35	U	35	180	350	ug/Kg
108-95-2	Phenol	46	U	46	87.8	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	87.8	350	ug/Kg
95-57-8	2-Chlorophenol	24	U	24	45.2	180	ug/Kg
95-48-7	2-Methylphenol	41	U	41	87.8	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64	U	64	87.8	350	ug/Kg
98-86-2	Acetophenone	43	U	43	87.8	350	ug/Kg
106-44-5	4-Methylphenol	39	U	39	87.8	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	54	U	54	45.2	180	ug/Kg
67-72-1	Hexachloroethane	19	U	19	45.2	180	ug/Kg
98-95-3	Nitrobenzene	33	U	33	45.2	180	ug/Kg
78-59-1	Isophorone	51	U	51	45.2	180	ug/Kg
88-75-5	2-Nitrophenol	33	U	33	45.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	45.2	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	45.2	180	ug/Kg
120-83-2	2,4-Dichlorophenol	17	U	17	45.2	180	ug/Kg
91-20-3	Naphthalene	27	U	27	45.2	180	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	45.2	350	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	45.2	180	ug/Kg
105-60-2	Caprolactam	77	U	77	87.8	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	45.2	180	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	45.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	24	U	24	45.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	87.8	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	45.2	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	45.2	180	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ2	SDG No.:	BP122324
Lab Sample ID:	P5302-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023571.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	45.2	180	ug/Kg
91-58-7	2-Chloronaphthalene	28	U	28	45.2	180	ug/Kg
88-74-4	2-Nitroaniline	44	U	44	45.2	180	ug/Kg
131-11-3	Dimethylphthalate	31	U	31	45.2	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	47	U	47	45.2	180	ug/Kg
208-96-8	Acenaphthylene	34	U	34	45.2	180	ug/Kg
99-09-2	3-Nitroaniline	47	U	47	87.8	350	ug/Kg
83-32-9	Acenaphthene	31	U	31	45.2	180	ug/Kg
51-28-5	2,4-Dinitrophenol	51	U	51	87.8	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	87.8	350	ug/Kg
132-64-9	Dibenzofuran	34	U	34	45.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	45.2	180	ug/Kg
84-66-2	Diethylphthalate	32	U	32	45.2	180	ug/Kg
86-73-7	Fluorene	27	U	27	45.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.2	180	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	87.8	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82	U	82	87.8	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	45.2	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	45.2	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	45.2	180	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	45.2	180	ug/Kg
1912-24-9	Atrazine	76	U	76	87.8	350	ug/Kg
87-86-5	Pentachlorophenol	79	U	79	87.8	350	ug/Kg
85-01-8	Phenanthrene	31	U	31	45.2	180	ug/Kg
608-93-5	Pentachlorobenzene	55	U	55	45.2	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.2	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	53	U	53	45.2	180	ug/Kg
86-74-8	Carbazole	30	U	30	87.8	350	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	45.2	180	ug/Kg
206-44-0	Fluoranthene	57	U	57	87.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ2	SDG No.:	BP122324
Lab Sample ID:	P5302-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023571.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	45.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	89	U	89	45.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	51	U	51	87.8	350	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	45.2	180	ug/Kg
218-01-9	Chrysene	33	U	33	45.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	45.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	81	U	81	87.8	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	35	U	35	45.2	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	45.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	45.2	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	45.2	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	45.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	28	U	28	45.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	35	U	35	45.2	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.149		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	16.118		20-120		40	SPK: -40
4165-62-2	Phenol-d5	19.472		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.424		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.161		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	18.941		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	19.699		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.314		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.033		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.786		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.123		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	20.514		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.767		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	19.376		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ2	SDG No.:	BP122324
Lab Sample ID:	P5302-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023571.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.665		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	21.453		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	20.54		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.352		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	135316	7.522				
1146-65-2	Naphthalene-d8	496978	10.269				
15067-26-2	Acenaphthene-d10	341627	14.145				
1517-22-2	Phenanthrene-d10	738469	16.957				
1719-03-5	Chrysene-d12	836084	21.392				
1520-96-3	Perylene-d12	958697	24.586				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	130	J			15.551	
000057-10-3	n-Hexadecanoic acid	240	J			17.898	
	(DEL) Alkane: Straight-Chain	21.063	J			21.063	
E966796	Total Alkanes	120				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1	SDG No.:	BP122324
Lab Sample ID:	P5331-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023572.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.4	75	ug/Kg
100-52-7	Benzaldehyde	50	U	50	92.4	370	ug/Kg
110-86-1	Pyridine	37	U	37	180	370	ug/Kg
108-95-2	Phenol	48	U	48	92.4	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	45	U	45	92.4	370	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	47.6	190	ug/Kg
95-48-7	2-Methylphenol	44	U	44	92.4	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	67	U	67	92.4	370	ug/Kg
98-86-2	Acetophenone	45	U	45	92.4	370	ug/Kg
106-44-5	4-Methylphenol	41	U	41	92.4	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	57	47.6	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	47.6	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	47.6	190	ug/Kg
78-59-1	Isophorone	54	U	54	47.6	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	47.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	47.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	47.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	47.6	190	ug/Kg
91-20-3	Naphthalene	28	U	28	47.6	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	47.6	370	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	47.6	190	ug/Kg
105-60-2	Caprolactam	81	U	81	92.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	47.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	47.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	47.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.4	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	47.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	47.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1	SDG No.:	BP122324
Lab Sample ID:	P5331-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023572.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	47.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	47.6	190	ug/Kg
88-74-4	2-Nitroaniline	46	U	46	47.6	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	47.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	49	47.6	190	ug/Kg
208-96-8	Acenaphthylene	36	U	36	47.6	190	ug/Kg
99-09-2	3-Nitroaniline	49	U	49	92.4	370	ug/Kg
83-32-9	Acenaphthene	32	U	32	47.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	54	U	54	92.4	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.4	370	ug/Kg
132-64-9	Dibenzofuran	36	U	36	47.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	47.6	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	47.6	190	ug/Kg
86-73-7	Fluorene	28	U	28	47.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.6	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	92.4	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86	U	86	92.4	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	47.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	47.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	47.6	190	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	47.6	190	ug/Kg
1912-24-9	Atrazine	80	U	80	92.4	370	ug/Kg
87-86-5	Pentachlorophenol	83	U	83	92.4	370	ug/Kg
85-01-8	Phenanthrene	32	U	32	47.6	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	47.6	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	56	U	56	47.6	190	ug/Kg
86-74-8	Carbazole	31	U	31	92.4	370	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	47.6	190	ug/Kg
206-44-0	Fluoranthene	60	U	60	92.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1	SDG No.:	BP122324
Lab Sample ID:	P5331-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023572.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	47.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	94	U	94	47.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	54	U	54	92.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	47.6	190	ug/Kg
218-01-9	Chrysene	35	U	35	47.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	47.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	85	U	85	92.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	47.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	47.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	47.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	47.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	47.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	47.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.481		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	22.635		20-120		57	SPK: -40
4165-62-2	Phenol-d5	28.738		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.879		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.454		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	26.961		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	28.195		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.686		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.851		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.017		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.898		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	27.583		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.925		10-150		90	SPK: -40
81103-79-9	Fluorene-d10	27.083		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1	SDG No.:	BP122324
Lab Sample ID:	P5331-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023572.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.972		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	29.772		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	26.598		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.904		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166915	7.522				
1146-65-2	Naphthalene-d8	612424	10.269				
15067-26-2	Acenaphthene-d10	446415	14.145				
1517-22-2	Phenanthrene-d10	993846	16.963				
1719-03-5	Chrysene-d12	1221491	21.398				
1520-96-3	Perylene-d12	1355838	24.562				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	580	J			15.545	
000057-10-3	n-Hexadecanoic acid	410	J			17.91	
000057-11-4	Octadecanoic acid	170	J			19.239	
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	100	J			19.527	
	(DEL) Alkane: Cyclic	190	J			21.063	
E966796	Total Alkanes	190				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MS	SDG No.:	BP122324
Lab Sample ID:	P5331-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023573.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	500		12	7.4	75	ug/Kg
100-52-7	Benzaldehyde	200	J	51	92.7	370	ug/Kg
110-86-1	Pyridine	1400		37	190	370	ug/Kg
108-95-2	Phenol	1500		48	92.7	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		45	92.7	370	ug/Kg
95-57-8	2-Chlorophenol	1400		26	47.7	190	ug/Kg
95-48-7	2-Methylphenol	1400		44	92.7	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		67	92.7	370	ug/Kg
98-86-2	Acetophenone	1300		45	92.7	370	ug/Kg
106-44-5	4-Methylphenol	1400		42	92.7	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		57	47.7	190	ug/Kg
67-72-1	Hexachloroethane	1300		20	47.7	190	ug/Kg
98-95-3	Nitrobenzene	1400		35	47.7	190	ug/Kg
78-59-1	Isophorone	1400		54	47.7	190	ug/Kg
88-75-5	2-Nitrophenol	1500		35	47.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		28	47.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500		48	47.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		18	47.7	190	ug/Kg
91-20-3	Naphthalene	1400		28	47.7	190	ug/Kg
106-47-8	4-Chloroaniline	890		27	47.7	370	ug/Kg
87-68-3	Hexachlorobutadiene	1200		49	47.7	190	ug/Kg
105-60-2	Caprolactam	1500		81	92.7	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		55	47.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	1300		37	47.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	1300		26	47.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	920		110	92.7	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		55	47.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		44	47.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MS	SDG No.:	BP122324
Lab Sample ID:	P5331-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023573.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400		27	47.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	1400		29	47.7	190	ug/Kg
88-74-4	2-Nitroaniline	1500		46	47.7	190	ug/Kg
131-11-3	Dimethylphthalate	1300		33	47.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		49	47.7	190	ug/Kg
208-96-8	Acenaphthylene	1400		36	47.7	190	ug/Kg
99-09-2	3-Nitroaniline	1500		49	92.7	370	ug/Kg
83-32-9	Acenaphthene	1400		33	47.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	1400		54	92.7	370	ug/Kg
100-02-7	4-Nitrophenol	1300		49	92.7	370	ug/Kg
132-64-9	Dibenzofuran	1300		36	47.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		48	47.7	190	ug/Kg
84-66-2	Diethylphthalate	1300		34	47.7	190	ug/Kg
86-73-7	Fluorene	1300		28	47.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		22	47.7	190	ug/Kg
100-01-6	4-Nitroaniline	1800		35	92.7	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		86	92.7	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600		37	47.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		27	47.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		33	47.7	190	ug/Kg
118-74-1	Hexachlorobenzene	1300		36	47.7	190	ug/Kg
1912-24-9	Atrazine	1500		80	92.7	370	ug/Kg
87-86-5	Pentachlorophenol	1400		83	92.7	370	ug/Kg
85-01-8	Phenanthrene	1500		33	47.7	190	ug/Kg
608-93-5	Pentachlorobenzene	1400		58	47.7	190	ug/Kg
120-12-7	Anthracene	1500		28	47.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1500		56	47.7	190	ug/Kg
86-74-8	Carbazole	1700		31	92.7	370	ug/Kg
84-74-2	Di-n-butylphthalate	1600		69	47.7	190	ug/Kg
206-44-0	Fluoranthene	1400		61	92.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MS	SDG No.:	BP122324
Lab Sample ID:	P5331-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.01	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
BP023573.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		55	47.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	1600		94	47.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		54	92.7	370	ug/Kg
56-55-3	Benzo(a)anthracene	1400		30	47.7	190	ug/Kg
218-01-9	Chrysene	1300		35	47.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		110	47.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		85	92.7	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		37	47.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		43	47.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	1400		36	47.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		35	47.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		31	47.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		29	47.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		37	47.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.674		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	24.345		20-120		61	SPK: -40
4165-62-2	Phenol-d5	29.797		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.123		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.306		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	27.005		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	28.76		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.24		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.697		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.395		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.668		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.859		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.518		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	26.656		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MS	SDG No.:	BP122324
Lab Sample ID:	P5331-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023573.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.894		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	30.127		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	26.499		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.084		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156395	7.522				
1146-65-2	Naphthalene-d8	567202	10.269				
15067-26-2	Acenaphthene-d10	414893	14.139				
1517-22-2	Phenanthrene-d10	899461	16.957				
1719-03-5	Chrysene-d12	1053823	21.386				
1520-96-3	Perylene-d12	1193896	24.562				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MSD	SDG No.:	BP122324
Lab Sample ID:	P5331-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023574.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	530		12	7.4	75	ug/Kg
100-52-7	Benzaldehyde	210	J	50	92.5	370	ug/Kg
110-86-1	Pyridine	1400		37	180	370	ug/Kg
108-95-2	Phenol	1600		48	92.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1500		45	92.5	370	ug/Kg
95-57-8	2-Chlorophenol	1500		26	47.6	190	ug/Kg
95-48-7	2-Methylphenol	1500		44	92.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		67	92.5	370	ug/Kg
98-86-2	Acetophenone	1300		45	92.5	370	ug/Kg
106-44-5	4-Methylphenol	1500		41	92.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		57	47.6	190	ug/Kg
67-72-1	Hexachloroethane	1400		20	47.6	190	ug/Kg
98-95-3	Nitrobenzene	1400		35	47.6	190	ug/Kg
78-59-1	Isophorone	1400		54	47.6	190	ug/Kg
88-75-5	2-Nitrophenol	1500		35	47.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	1400		28	47.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500		48	47.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		18	47.6	190	ug/Kg
91-20-3	Naphthalene	1400		28	47.6	190	ug/Kg
106-47-8	4-Chloroaniline	920		27	47.6	370	ug/Kg
87-68-3	Hexachlorobutadiene	1200		49	47.6	190	ug/Kg
105-60-2	Caprolactam	1500		81	92.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		55	47.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	1300		37	47.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	1300		26	47.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	970		110	92.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		55	47.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		44	47.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MSD	SDG No.:	BP122324
Lab Sample ID:	P5331-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023574.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400		27	47.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	1400		29	47.6	190	ug/Kg
88-74-4	2-Nitroaniline	1600		46	47.6	190	ug/Kg
131-11-3	Dimethylphthalate	1300		32	47.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		49	47.6	190	ug/Kg
208-96-8	Acenaphthylene	1400		36	47.6	190	ug/Kg
99-09-2	3-Nitroaniline	1500		49	92.5	370	ug/Kg
83-32-9	Acenaphthene	1400		32	47.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		54	92.5	370	ug/Kg
100-02-7	4-Nitrophenol	1400		49	92.5	370	ug/Kg
132-64-9	Dibenzofuran	1300		36	47.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		48	47.6	190	ug/Kg
84-66-2	Diethylphthalate	1300		34	47.6	190	ug/Kg
86-73-7	Fluorene	1300		28	47.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		22	47.6	190	ug/Kg
100-01-6	4-Nitroaniline	1900		35	92.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		86	92.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600		37	47.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		27	47.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		32	47.6	190	ug/Kg
118-74-1	Hexachlorobenzene	1300		36	47.6	190	ug/Kg
1912-24-9	Atrazine	1500		80	92.5	370	ug/Kg
87-86-5	Pentachlorophenol	1400		83	92.5	370	ug/Kg
85-01-8	Phenanthrene	1500		32	47.6	190	ug/Kg
608-93-5	Pentachlorobenzene	1400		58	47.6	190	ug/Kg
120-12-7	Anthracene	1500		28	47.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1500		56	47.6	190	ug/Kg
86-74-8	Carbazole	1700		31	92.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	1600		68	47.6	190	ug/Kg
206-44-0	Fluoranthene	1400		61	92.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MSD	SDG No.:	BP122324
Lab Sample ID:	P5331-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023574.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		55	47.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	1500		94	47.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		54	92.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	1400		30	47.6	190	ug/Kg
218-01-9	Chrysene	1300		35	47.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		110	47.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		85	92.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		37	47.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		43	47.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	1400		36	47.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		35	47.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		31	47.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		29	47.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		37	47.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.721		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	25.886		20-120		65	SPK: -40
4165-62-2	Phenol-d5	31.203		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.629		10-150		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.166		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	28.623		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	29.773		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.959		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.577		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.984		1-145		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.617		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	29.097		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.217		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	27.56		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	12/17/2024 12:00:00 AM
Project:		Date Received:	12/17/2024 12:00:00 AM
Client Sample ID:	E2AQ1MSD	SDG No.:	BP122324
Lab Sample ID:	P5331-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11
Sample Wt/Vol:	30.08 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023574.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.445		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	30.035		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	27.105		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.463		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	166930	7.522				
1146-65-2	Naphthalene-d8	622161	10.269				
15067-26-2	Acenaphthene-d10	442144	14.146				
1517-22-2	Phenanthrene-d10	980489	16.963				
1719-03-5	Chrysene-d12	1183370	21.386				
1520-96-3	Perylene-d12	1308943	24.58				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SBLK751	SDG No.:	BP122324
Lab Sample ID:	PB165751BL	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
BP023575.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

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:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SBLK751	SDG No.:	BP122324
Lab Sample ID:	PB165751BL	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
BP023575.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

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:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SBLK751	SDG No.:	BP122324
Lab Sample ID:	PB165751BL	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
BP023575.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

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	6.66		15-120		83	SPK: -8
7291-22-7	Pyridine-d5	33.416		20-120		84	SPK: -40
4165-62-2	Phenol-d5	37.916		10-130		95	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.714		10-150		94	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.475		15-120		91	SPK: -40
190780-66-6	4-Methylphenol-d8	35.219		10-140		88	SPK: -40
4165-60-0	Nitrobenzene-d5	37.032		10-135		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.067		10-120		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.229		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.763		1-145		87	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.783		10-145		87	SPK: -40
93951-97-4	Acenaphthylene-d8	36.01		15-120		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	44.838		10-150		112	SPK: -40
81103-79-9	Fluorene-d10	34.176		20-140		85	SPK: -40

Report of Analysis

Client:		Date Collected:	12/19/2024 12:00:00 AM
Project:		Date Received:	12/19/2024 12:00:00 AM
Client Sample ID:	SBLK751	SDG No.:	BP122324
Lab Sample ID:	PB165751BL	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
BP023575.D	1	12/19/2024 12:00:00 AM	12/23/2024 12:00:00 AM	PB165751

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.692		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	39.661		10-150		99	SPK: -40
1718-52-1	Pyrene-d10	36.923		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.546		10-140		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	136423	7.522				
1146-65-2	Naphthalene-d8	502088	10.275				
15067-26-2	Acenaphthene-d10	349309	14.157				
1517-22-2	Phenanthrene-d10	768293	16.963				
1719-03-5	Chrysene-d12	942474	21.392				
1520-96-3	Perylene-d12	1063277	24.586				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E2AS0								
P5302-07	E2AS0	Solid	(DEL) Alkane: Straight-Chain21.063	*	140.000	J		
P5302-07	E2AS0	Solid	Benzophenone	*	170.000	J		
P5302-07	E2AS0	Solid	n-Hexadecanoic acid	*	210.000	J		
P5302-07	E2AS0	Solid	Total Alkanes	*	140.000		28	200 ug/Kg
Total Tics :				660.00				
P5302-07	E2AS0	Solid	Acetophenone		200.000	J	47	390 ug/Kg
P5302-07	E2AS0	Solid	Benzo(b)fluoranthene		47.000	J	39	200 ug/Kg
P5302-07	E2AS0	Solid	Chrysene		40.000	J	37	200 ug/Kg
P5302-07	E2AS0	Solid	Fluoranthene		83.000	J	64	200 ug/Kg
P5302-07	E2AS0	Solid	Phenanthrene		46.000	J	34	200 ug/Kg
P5302-07	E2AS0	Solid	Phenol		79.000	J	51	390 ug/Kg
P5302-07	E2AS0	Solid	Pyrene		58.000	J	58	200 ug/Kg
Total Svoc :				553.00				
Total Concentration:				1,213.00				
Client ID : E2AQ0								
P5302-17	E2AQ0	Solid	(DEL) Alkane: Cyclic21.063	*	130.000	J		
P5302-17	E2AQ0	Solid	9-Octadecenamide, (Z)-	*	120.000	J		
P5302-17	E2AQ0	Solid	Benzophenone	*	120.000	J		
P5302-17	E2AQ0	Solid	n-Hexadecanoic acid	*	230.000	J		
P5302-17	E2AQ0	Solid	Total Alkanes	*	130.000		26	190 ug/Kg
Total Tics :				730.00				
Total Concentration:				730.00				
Client ID : E2AQ2								
P5302-18	E2AQ2	Solid	(DEL) Alkane: Straight-Chain21.063	*	120.000	J		
P5302-18	E2AQ2	Solid	Benzophenone	*	130.000	J		
P5302-18	E2AQ2	Solid	n-Hexadecanoic acid	*	240.000	J		
P5302-18	E2AQ2	Solid	Total Alkanes	*	120.000		26	180 ug/Kg
Total Tics :				610.00				
Total Concentration:				610.00				
Client ID : E2AQ1								
P5331-01	E2AQ1	Solid	(DEL) Alkane: Cyclic21.063	*	190.000	J		
P5331-01	E2AQ1	Solid	Benzophenone	*	580.000	J		
P5331-01	E2AQ1	Solid	n-Hexadecanoic acid	*	410.000	J		
P5331-01	E2AQ1	Solid	Octadecanoic acid	*	170.000	J		
P5331-01	E2AQ1	Solid	Phenol, 4,4-(1-methylethylidene)bis(4-methylphenyl)	*	100.000	J		
P5331-01	E2AQ1	Solid	Total Alkanes	*	190.000		27	190 ug/Kg

Hit Summary Sheet
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SDG No.: BP122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				1,640.00				
Total Concentration:				1,640.00				
Client ID : E2AQ3								
P5331-05	E2AQ3	Solid	Benzophenone	*	160.000	J		
P5331-05	E2AQ3	Solid	n-Hexadecanoic acid	*	240.000	J		
P5331-05	E2AQ3	Solid	Pentadecafluorooctanoic acid, oct:	*	120.000	J		
P5331-05	E2AQ3	Solid	Total Alkanes	*	0.000	26	180	ug/Kg
Total Tics :				520.00				
Total Concentration:				520.00				
Client ID : E2908								
P5333-05	E2908	Solid	(DEL) Alkane: Cyclic21.069	*	220.000	J		
P5333-05	E2908	Solid	Benzophenone	*	200.000	J		
P5333-05	E2908	Solid	n-Hexadecanoic acid	*	500.000	J		
P5333-05	E2908	Solid	Octadecanoic acid	*	150.000	J		
P5333-05	E2908	Solid	Total Alkanes	*	220.000	30	210	ug/Kg
Total Tics :				1,290.00				
P5333-05	E2908	Solid	Benzo(a)anthracene		41.000	J 33	210	ug/Kg
P5333-05	E2908	Solid	Benzo(b)fluoranthene		54.000	J 41	210	ug/Kg
P5333-05	E2908	Solid	Bis(2-ethylhexyl)phthalate		140.000	J 120	210	ug/Kg
P5333-05	E2908	Solid	Chrysene		44.000	J 38	210	ug/Kg
P5333-05	E2908	Solid	Fluoranthene		97.000	J 67	210	ug/Kg
P5333-05	E2908	Solid	Phenanthrene		46.000	J 36	210	ug/Kg
P5333-05	E2908	Solid	Pyrene		81.000	J 61	210	ug/Kg
Total Svoc :				503.00				
Total Concentration:				1,793.00				
Client ID : E2909								
P5333-06	E2909	Solid	(DEL) Alkane: Cyclic10.128	*	130.000	J		
P5333-06	E2909	Solid	(DEL) Alkane: Cyclic21.069	*	220.000	J		
P5333-06	E2909	Solid	.gamma.-Tetradecalactone	*	100.000	J		
P5333-06	E2909	Solid	Benzophenone	*	780.000	J		
P5333-06	E2909	Solid	Dimantine	*	200.000	J		
P5333-06	E2909	Solid	Methanone, (1-hydroxycyclohexy	*	120.000	J		
P5333-06	E2909	Solid	n-Hexadecanoic acid	*	660.000	J		
P5333-06	E2909	Solid	Octadecanoic acid	*	210.000	J		
P5333-06	E2909	Solid	Total Alkanes	*	350.000	34	240	ug/Kg
Total Tics :				2,770.00				
P5333-06	E2909	Solid	Benzo(a)anthracene		67.000	J 38	240	ug/Kg
P5333-06	E2909	Solid	Benzo(a)pyrene		66.000	J 45	240	ug/Kg
P5333-06	E2909	Solid	Benzo(b)fluoranthene		89.000	J 47	240	ug/Kg

Hit Summary Sheet
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SDG No.: BP122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P5333-06	E2909	Solid	Benzo(g,h,i)perylene	58.000	J	37	240	ug/Kg	
P5333-06	E2909	Solid	Chrysene	71.000	J	44	240	ug/Kg	
P5333-06	E2909	Solid	Fluoranthene	130.000	J	77	240	ug/Kg	
P5333-06	E2909	Solid	Phenanthrene	71.000	J	41	240	ug/Kg	
P5333-06	E2909	Solid	Pyrene	120.000	J	70	240	ug/Kg	
Total Svoc :				672.00					
Total Concentration:				3,442.00					
Client ID : E2911									
P5333-08	E2911	Solid	(DEL) Alkane: Cyclic21.068	*	170.000	J			
P5333-08	E2911	Solid	(DEL) Alkane: Straight-Chain10.1	*	130.000	J			
P5333-08	E2911	Solid	Benzophenone	*	390.000	J			
P5333-08	E2911	Solid	Dimantine	*	92.000	J			
P5333-08	E2911	Solid	n-Hexadecanoic acid	*	520.000	J			
P5333-08	E2911	Solid	Octadecanoic acid	*	180.000	J			
P5333-08	E2911	Solid	Total Alkanes	*	300.000	30	210	ug/Kg	
Total Tics :				1,782.00					
P5333-08	E2911	Solid	Benzo(a)anthracene		45.000	J	34	210	ug/Kg
P5333-08	E2911	Solid	Benzo(a)pyrene		43.000	J	40	210	ug/Kg
P5333-08	E2911	Solid	Benzo(b)fluoranthene		58.000	J	41	210	ug/Kg
P5333-08	E2911	Solid	Chrysene		50.000	J	39	210	ug/Kg
P5333-08	E2911	Solid	Fluoranthene		100.000	J	68	210	ug/Kg
P5333-08	E2911	Solid	Phenanthrene		71.000	J	36	210	ug/Kg
P5333-08	E2911	Solid	Phenol		54.000	J	54	410	ug/Kg
P5333-08	E2911	Solid	Pyrene		92.000	J	61	210	ug/Kg
Total Svoc :				513.00					
Total Concentration:				2,295.00					
Client ID : E2913									
P5333-11	E2913	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	550.000	J			
P5333-11	E2913	Solid	11H-Benzo[a]fluoren-11-one	*	130.000	J			
P5333-11	E2913	Solid	1a,9b-Dihydro-1H-cyclopropa[a]a	*	670.000	J			
P5333-11	E2913	Solid	3-Octanone	*	1,000.000	J			
P5333-11	E2913	Solid	4H-Cyclopenta[def]phenanthrene	*	2,200.000	J			
P5333-11	E2913	Solid	7H-Benz[de]anthracen-7-one	*	110.000	J			
P5333-11	E2913	Solid	9,10-Anthracenedione	*	1,700.000	J			
P5333-11	E2913	Solid	9H-Fluoren-9-one	*	1,400.000	J			
P5333-11	E2913	Solid	9H-Fluorene, 2-methyl-	*	330.000	J			
P5333-11	E2913	Solid	Acridine	*	330.000	J			
P5333-11	E2913	Solid	Anthracene, 2-methyl-	*	420.000	J			
P5333-11	E2913	Solid	Benzene, 1-ethyl-2-methyl-	*	2,500.000	J			

Hit Summary Sheet
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SDG No.: BP122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5333-11	E2913	Solid	Benzene, 1-ethyl-4-methyl-	* 710.000	J			
P5333-11	E2913	Solid	Benzene, 1-methyl-3-propyl-	* 460.000	J			
P5333-11	E2913	Solid	Benzene, 2-ethyl-1,4-dimethyl-	* 1,000.000	J			
P5333-11	E2913	Solid	Benzene, 4-ethyl-1,2-dimethyl-	* 660.000	J			
P5333-11	E2913	Solid	Benzene, propyl-	* 650.000	J			
P5333-11	E2913	Solid	Benzo[b]naphtho[2,1-d]thiophene	* 140.000	J			
P5333-11	E2913	Solid	Benzo[e]pyrene	* 930.000	J			
P5333-11	E2913	Solid	Benzo[j]fluoranthene	* 1,200.000	J			
P5333-11	E2913	Solid	Cyclopenta(def)phenanthrene	* 890.000	J			
P5333-11	E2913	Solid	Dibenzothiophene	* 1,100.000	J			
P5333-11	E2913	Solid	Naphthalene, 2-phenyl-	* 940.000	J			
P5333-11	E2913	Solid	Pentaphene	* 580.000	J			
P5333-11	E2913	Solid	Perylene	* 3,800.000	J			
P5333-11	E2913	Solid	Phenanthrene, 1-methyl-	* 1,200.000	J			
P5333-11	E2913	Solid	Phenanthrene, 2,5-dimethyl-	* 510.000	J			
P5333-11	E2913	Solid	Phenanthrene, 2-methyl-	* 2,000.000	J			
P5333-11	E2913	Solid	Phenanthrene, 4,5-dimethyl-	* 310.000	J			
P5333-11	E2913	Solid	Pyrene, 1-methyl-	* 94.000	J			
P5333-11	E2913	Solid	Total Alkanes	* 0.000		30	210	ug/Kg
Total Tics :				28,514.00				
P5333-11	E2913	Solid	1,1-Biphenyl	190.000	J	30	210	ug/Kg
P5333-11	E2913	Solid	1-Methylnaphthalene	390.000		41	210	ug/Kg
P5333-11	E2913	Solid	2-Methylnaphthalene	530.000		28	210	ug/Kg
P5333-11	E2913	Solid	Acenaphthene	2,000.000		36	210	ug/Kg
P5333-11	E2913	Solid	Acetophenone	270.000	J	49	410	ug/Kg
P5333-11	E2913	Solid	Anthracene	2,900.000		31	210	ug/Kg
P5333-11	E2913	Solid	Benzo(a)anthracene	5,500.000	E	33	210	ug/Kg
P5333-11	E2913	Solid	Benzo(a)pyrene	4,100.000	E	39	210	ug/Kg
P5333-11	E2913	Solid	Benzo(b)fluoranthene	5,700.000	E	41	210	ug/Kg
P5333-11	E2913	Solid	Benzo(g,h,i)perylene	2,500.000		32	210	ug/Kg
P5333-11	E2913	Solid	Benzo(k)fluoranthene	2,000.000		47	210	ug/Kg
P5333-11	E2913	Solid	Carbazole	2,300.000		34	410	ug/Kg
P5333-11	E2913	Solid	Chrysene	5,200.000	E	38	210	ug/Kg
P5333-11	E2913	Solid	Dibenzo(a,h)anthracene	800.000		34	210	ug/Kg
P5333-11	E2913	Solid	Dibenzofuran	1,600.000		39	210	ug/Kg
P5333-11	E2913	Solid	Fluoranthene	13,000.000	E	67	210	ug/Kg
P5333-11	E2913	Solid	Fluorene	1,400.000		31	210	ug/Kg
P5333-11	E2913	Solid	Indeno(1,2,3-cd)pyrene	2,200.000		38	210	ug/Kg
P5333-11	E2913	Solid	Naphthalene	900.000		31	210	ug/Kg
P5333-11	E2913	Solid	Phenanthrene	16,000.000	E	36	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP122324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5333-11	E2913	Solid	Phenol	160.000	J	53	410	ug/Kg
P5333-11	E2913	Solid	Pyrene	9,600.000	E	60	210	ug/Kg
Total Svoc :				79,240.00				
Total Concentration:				107,754.00				
Client ID : E2917								
P5333-15	E2917	Solid	(DEL) Alkane: Cyclic21.057	*	130.000	J		
P5333-15	E2917	Solid	1,2:4,5-Dibenzopyrene	*	840.000	J		
P5333-15	E2917	Solid	1-Heneicosyl formate	*	140.000	J		
P5333-15	E2917	Solid	2-Dodecenoic acid	*	170.000	J		
P5333-15	E2917	Solid	3,4:8,9-Dibenzopyrene	*	350.000	J		
P5333-15	E2917	Solid	Benzophenone	*	350.000	J		
P5333-15	E2917	Solid	Heptadecanolide	*	93.000	J		
P5333-15	E2917	Solid	n-Hexadecanoic acid	*	580.000	J		
P5333-15	E2917	Solid	Palmitoleic acid	*	160.000	J		
P5333-15	E2917	Solid	Total Alkanes	*	130.000	31	220	ug/Kg
Total Tics :				2,943.00				
P5333-15	E2917	Solid	Benzo(a)anthracene		110.000	J 35	220	ug/Kg
P5333-15	E2917	Solid	Benzo(a)pyrene		130.000	J 42	220	ug/Kg
P5333-15	E2917	Solid	Benzo(b)fluoranthene		160.000	J 43	220	ug/Kg
P5333-15	E2917	Solid	Benzo(g,h,i)perylene		100.000	J 34	220	ug/Kg
P5333-15	E2917	Solid	Benzo(k)fluoranthene		55.000	J 49	220	ug/Kg
P5333-15	E2917	Solid	Chrysene		120.000	J 40	220	ug/Kg
P5333-15	E2917	Solid	Fluoranthene		210.000	J 70	220	ug/Kg
P5333-15	E2917	Solid	Indeno(1,2,3-cd)pyrene		74.000	J 40	220	ug/Kg
P5333-15	E2917	Solid	Phenanthrene		120.000	J 38	220	ug/Kg
P5333-15	E2917	Solid	Phenol		70.000	J 56	430	ug/Kg
P5333-15	E2917	Solid	Pyrene		190.000	J 64	220	ug/Kg
Total Svoc :				1,339.00				
Total Concentration:				4,282.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP112624 SAS No.: BP112624 SDG No.: BP112624

Instrument ID: _____ Calibration Date(s): 11/26/2024

Calibration Time(s): 12:14

LAB FILE ID:		RRFAL1 = BP023321.D		RRFAL2 = BP023322.D		RRFAL3 = BP023323.D		
		RRFAL4 = BP023324.D		RRFAL5 = BP023325.D		RRFAL6 = BP023326.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.661	0.662	0.584	0.568	0.530		0.601	9.8
Pyridine		1.476	1.411	1.440	1.408	1.400	1.427	2.2
Benzaldehyde		1.074	1.093	0.908	0.792	0.619	0.897	22.2
Hexachloroethane	0.625	0.638	0.569	0.572	0.551		0.591	6.5
Nitrobenzene	0.459	0.490	0.457	0.434	0.432		0.454	5.2
Isophorone	0.821	0.867	0.788	0.772	0.777		0.805	4.9
2-Nitrophenol	0.177	0.195	0.179	0.182	0.186		0.184	3.8
2,4-Dimethylphenol	0.433	0.434	0.398	0.381	0.390		0.407	6.1
Bis(2-Chloroethoxy)methane	0.485	0.477	0.448	0.434	0.429		0.455	5.5
2,4-Dichlorophenol	0.362	0.375	0.360	0.343	0.360		0.360	3.2
Naphthalene	1.138	1.134	1.003	0.985	0.975		1.047	7.8
4-Chloroaniline		0.413	0.376	0.393	0.401	0.391	0.395	3.4
Hexachlorobutadiene	0.348	0.346	0.310	0.298	0.296		0.319	8.0
Phenol		1.649	1.575	1.626	1.641	1.678	1.634	2.3
Caprolactam		0.103	0.106	0.106	0.107	0.105	0.105	1.5
4-Chloro-3-methylphenol	0.395	0.404	0.391	0.377	0.388		0.391	2.6
1-Methylnaphthalene	0.853	0.846	0.774	0.736	0.747		0.791	6.9
2-Methylnaphthalene	0.836	0.823	0.754	0.729	0.741		0.776	6.3
Hexachlorocyclopentadiene		0.295	0.311	0.332	0.385	0.429	0.351	15.8
2,4,6-Trichlorophenol	0.423	0.448	0.422	0.424	0.443		0.432	2.9
2,4,5-Trichlorophenol	0.474	0.475	0.447	0.440	0.472		0.461	3.6
1,1-Biphenyl	1.530	1.517	1.365	1.334	1.340		1.417	6.9
2-Chloronaphthalene	1.217	1.221	1.120	1.082	1.092		1.146	5.9
2-Nitroaniline	0.311	0.330	0.333	0.338	0.349		0.332	4.2
Bis(2-Chloroethyl)ether		1.413	1.262	1.269	1.248	1.255	1.290	5.4
Dimethylphthalate	1.643	1.633	1.494	1.445	1.431		1.529	6.7
2,6-Dinitrotoluene	0.276	0.297	0.292	0.294	0.307		0.293	3.8
Acenaphthylene	1.733	1.776	1.638	1.582	1.610		1.668	5.0
3-Nitroaniline		0.241	0.258	0.248	0.244	0.237	0.246	3.3
Acenaphthene	1.326	1.313	1.198	1.138	1.120		1.219	7.9
2,4-Dinitrophenol		0.153	0.160	0.189	0.210	0.234	0.189	18.0
4-Nitrophenol		0.250	0.272	0.241	0.255	0.264	0.256	4.7
Dibenzofuran	1.990	1.998	1.803	1.727	1.738		1.851	7.2
2,4-Dinitrotoluene	0.461	0.485	0.477	0.466	0.470		0.472	2.0
Diethylphthalate	1.605	1.621	1.517	1.431	1.452		1.525	5.7
2-Chlorophenol	1.243	1.299	1.159	1.179	1.191		1.214	4.7

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.: BP112624 SAS No.: BP112624 SDG No.: BP112624

Instrument ID: _____ Calibration Date(s): 11/26/2024

Calibration Time(s): 12:14

LAB FILE ID:		RRFAL1 = BP023321.D		RRFAL2 = BP023322.D		RRFAL3 = BP023323.D		
		RRFAL4 = BP023324.D		RRFAL5 = BP023325.D		RRFAL6 = BP023326.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.623	1.628	1.463	1.397	1.426		1.507	7.3
4-Chlorophenyl-phenylether	0.947	0.958	0.837	0.805	0.824		0.874	8.3
4-Nitroaniline		0.211	0.248	0.217	0.213	0.191	0.216	9.4
4,6-Dinitro-2-methylphenol		0.119	0.127	0.124	0.133	0.138	0.128	5.8
N-Nitrosodiphenylamine	0.554	0.543	0.501	0.474	0.481		0.511	7.1
1,2,4,5-Tetrachlorobenzene	0.788	0.796	0.696	0.682	0.687		0.730	7.8
4-Bromophenyl-phenylether	0.257	0.253	0.230	0.216	0.225		0.236	7.5
Hexachlorobenzene	0.322	0.309	0.282	0.261	0.272		0.289	8.8
Atrazine		0.236	0.231	0.221	0.213	0.210	0.222	5.2
Pentachlorophenol		0.157	0.167	0.162	0.176	0.182	0.169	5.9
2-Methylphenol		1.254	1.173	1.190	1.218	1.223	1.212	2.6
Phenanthrene	1.136	1.110	1.016	0.954	0.953		1.034	8.3
Pentachlorobenzene	0.348	0.340	0.308	0.291	0.302		0.318	7.9
Anthracene	1.125	1.096	1.036	0.946	0.966		1.034	7.6
1,2,3,4-Tetrachlorobenzene	0.321	0.305	0.275	0.265	0.275		0.288	8.2
Carbazole		0.880	0.867	0.838	0.825	0.802	0.842	3.8
Di-n-butylphthalate	1.044	1.069	1.050	0.995	1.017		1.035	2.8
Fluoranthene	1.268	1.218	1.153	1.138	1.210		1.197	4.4
Pyrene	1.368	1.316	1.226	1.200	1.243		1.271	5.5
Butylbenzylphthalate	0.433	0.435	0.439	0.436	0.457		0.440	2.2
3,3-Dichlorobenzidine		0.455	0.460	0.459	0.477	0.443	0.459	2.6
2,2-oxybis (1-Chloropropane)		1.800	1.591	1.541	1.485	1.424	1.568	9.2
Benzo (a) anthracene	1.456	1.400	1.292	1.283	1.275		1.341	6.1
Chrysene	1.422	1.374	1.227	1.230	1.173		1.285	8.3
Bis (2-ethylhexyl) phthalate	0.598	0.627	0.635	0.635	0.664		0.632	3.7
Di-n-octyl phthalate		0.948	1.004	0.945	0.995	0.991	0.977	2.9
Benzo (b) fluoranthene	1.312	1.257	1.242	1.243	1.229		1.257	2.6
Benzo (k) fluoranthene	1.317	1.345	1.220	1.183	1.187		1.250	6.0
Benzo (a) pyrene	1.192	1.182	1.122	1.106	1.095		1.139	3.9
Indeno (1,2,3-cd) pyrene	1.503	1.577	1.442	1.387	1.411		1.464	5.2
Dibenzo (a,h) anthracene	1.223	1.251	1.139	1.112	1.133		1.172	5.2
Benzo (g,h,i) perylene	1.173	1.209	1.082	1.057	1.084		1.121	5.9
Acetophenone		2.346	2.106	2.078	2.093	2.035	2.132	5.8
2,3,4,6-Tetrachlorophenol	0.461	0.485	0.450	0.446	0.448		0.458	3.6
Pyridine-d5		1.447	1.330	1.411	1.400	1.396	1.397	3.0
1,4-Dioxane-d8	0.623	0.597	0.498	0.519	0.479		0.543	11.7

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.: BP112624 SAS No.: BP112624 SDG No.: BP112624
Instrument ID: _____ Calibration Date(s): 11/26/2024 _____
Calibration Time(s): 12:14 _____

LAB FILE ID:		RRFAL1 = BP023321.D			RRFAL2 = BP023322.D		RRFAL3 = BP023323.D	
		RRFAL4 = BP023324.D			RRFAL5 = BP023325.D		RRFAL6 = BP023326.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.571	1.517	1.535	1.590	1.634	1.569	3.0
Bis-(2-Chloroethyl)ether-d8		1.094	0.989	0.971	0.956	0.940	0.990	6.1
2-Chlorophenol-d4	1.154	1.195	1.135	1.155	1.152		1.158	1.9
4-Methylphenol-d8		1.293	1.230	1.262	1.279	1.268	1.267	1.8
Nitrobenzene-d5	0.150	0.156	0.148	0.144	0.148		0.149	3.0
2-Nitrophenol-d4	0.161	0.179	0.171	0.169	0.180		0.172	4.5
2,4-Dichlorophenol-d3	0.362	0.371	0.362	0.354	0.367		0.363	1.8
4-Chloroaniline-d4		0.409	0.397	0.410	0.415	0.404	0.407	1.7
4-Methylphenol		1.345	1.286	1.295	1.317	1.294	1.308	1.8
Dimethylphthalate-d6	1.671	1.625	1.547	1.450	1.470		1.553	6.2
Acenaphthylene-d8	1.684	1.767	1.597	1.563	1.578		1.638	5.3
4-Nitrophenol-d4		0.121	0.169	0.203	0.226	0.232	0.190	24.1
Fluorene-d10	1.438	1.486	1.341	1.280	1.283		1.366	6.8
4,6-Dinitro-2-methylphenol-		0.112	0.117	0.118	0.127	0.131	0.121	6.5
Anthracene-d10	0.979	0.954	0.910	0.853	0.869		0.913	5.9
Pyrene-d10	1.114	1.067	1.024	0.992	1.028		1.045	4.5
Benzo(a)pyrene-d12	1.094	1.105	1.048	1.058	1.048		1.071	2.5
N-Nitroso-di-n-propylamine	1.155	1.265	1.150	1.133	1.104		1.162	5.2

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.: BP122324 SAS No.: BP122324 SDG NO.: BP122324

EPA Sample No.: SSTD020637 Date Analyzed: Dec 23 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 14:21

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	88649	7.557	344754	10.30	274666	14.17
UPPER LIMIT	177298	8.057	689508	10.804	549332	14.669
LOWER LIMIT	44324.5	7.057	172377	9.804	137333	13.669
EPA SAMPLE NO.						
01 SBLK779	126411	7.52	443806	10.28	298573	14.16
02 E2AS0	91436	7.52	320294	10.27	217230	14.16
03 E2908	196948 *	7.52	755352 *	10.27	568343 *	14.15
04 E2909	101996	7.52	369376	10.28	239075	14.16
05 E2911	190707 *	7.52	741496 *	10.27	540860	14.15
06 E2913	108699	7.52	389284	10.27	266388	14.15
07 E2917	88560	7.52	327137	10.28	226602	14.15
08 E2AQ3	131546	7.52	491095	10.27	351188	14.16
09 E2AQ0	126637	7.52	455256	10.28	322299	14.15
10 E2AQ2	135316	7.52	496978	10.27	341627	14.15
11 E2AQ1	166915	7.52	612424	10.27	446415	14.15
12 E2AQ1MS	156395	7.52	567202	10.27	414893	14.14
13 E2AQ1MSD	166930	7.52	622161	10.27	442144	14.15
14 SBLK751	136423	7.52	502088	10.28	349309	14.16

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.: BP122324 SAS No.: BP122324 SDG NO.: BP122324

EPA Sample No.: SSTD020763 Date Analyzed: Dec 23 2024 12:00AM

Lab File ID: BP023561.D Time Analyzed: 14:21

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	108566	7.505	386410	10.26	251912	14.15
UPPER LIMIT	217132	8.005	772820	10.758	503824	14.646
LOWER LIMIT	54283	7.005	193205	9.758	125956	13.646
EPA SAMPLE NO.						
01 SBLK779	126411	7.52	443806	10.28	298573	14.16
02 E2AS0	91436	7.52	320294	10.27	217230	14.16
03 E2908	196948	7.52	755352	10.27	568343 *	14.15
04 E2909	101996	7.52	369376	10.28	239075	14.16
05 E2911	190707	7.52	741496	10.27	540860 *	14.15
06 E2913	108699	7.52	389284	10.27	266388	14.15
07 E2917	88560	7.52	327137	10.28	226602	14.15
08 E2AQ3	131546	7.52	491095	10.27	351188	14.16
09 E2AQ0	126637	7.52	455256	10.28	322299	14.15
10 E2AQ2	135316	7.52	496978	10.27	341627	14.15
11 E2AQ1	166915	7.52	612424	10.27	446415	14.15
12 E2AQ1MS	156395	7.52	567202	10.27	414893	14.14
13 E2AQ1MSD	166930	7.52	622161	10.27	442144	14.15
14 SBLK751	136423	7.52	502088	10.28	349309	14.16

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.: BP122324 SAS No.: BP122324 SDG NO.: BP122324

EPA Sample No.: SSTD020637 Date Analyzed: Dec 23 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 14:21

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	692931	16.975	799543	21.404	881129	24.598
UPPER LIMIT	1385862	17.475	1599086	21.904	1762258	25.098
LOWER LIMIT	346465.5	16.475	399771.5	20.904	440564.5	24.098
EPA SAMPLE NO.						
01 SBLK779	650818	16.96	719154	21.40	820793	24.58
02 E2AS0	448426	16.97	497043	21.40	644178	24.58
03 E2908	1.25088	16.97	1.30012e+	21.40	1.39355e+	24.58
04 E2909	502636	16.97	624974	21.40	746070	24.60
05 E2911	1.1754e	16.96	1.177e+00	21.40	1.29607e+	24.60
06 E2913	622608	16.96	804517	21.39	992295	24.57
07 E2917	484281	16.96	541504	21.39	614490	24.57
08 E2AQ3	810388	16.97	940035	21.39	1.04087e+	24.57
09 E2AQ0	686425	16.96	824497	21.39	963951	24.57
10 E2AQ2	738469	16.96	836084	21.39	958697	24.59
11 E2AQ1	993846	16.96	1.22149e+	21.40	1.35584e+	24.56
12 E2AQ1MS	899461	16.96	1.05382e+	21.39	1.1939e+0	24.56
13 E2AQ1MSD	980489	16.96	1.18337e+	21.39	1.30894e+	24.58
14 SBLK751	768293	16.96	942474	21.39	1.06328e+	24.59

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.: BP122324 SAS No.: BP122324 SDG NO.: BP122324

EPA Sample No.: SSTD020763 Date Analyzed: Dec 23 2024 12:00AM

Lab File ID: BP023561.D Time Analyzed: 14:21

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	510120	16.957	550166	21.398	708158	24.598
UPPER LIMIT	1020240	17.457	1100332	21.898	1416316	25.098
LOWER LIMIT	255060	16.457	275083	20.898	354079	24.098
EPA SAMPLE NO.						
01 SBLK779	650818	16.96	719154	21.40	820793	24.58
02 E2AS0	448426	16.97	497043	21.40	644178	24.58
03 E2908	1.25088*	16.97	1.30012e+ *	21.40	1.39355e+	24.58
04 E2909	502636	16.97	624974	21.40	746070	24.60
05 E2911	1.1754e*	16.96	1.177e+00 *	21.40	1.29607e+	24.60
06 E2913	622608	16.96	804517	21.39	992295	24.57
07 E2917	484281	16.96	541504	21.39	614490	24.57
08 E2AQ3	810388	16.97	940035	21.39	1.04087e+	24.57
09 E2AQ0	686425	16.96	824497	21.39	963951	24.57
10 E2AQ2	738469	16.96	836084	21.39	958697	24.59
11 E2AQ1	993846	16.96	1.22149e+ *	21.40	1.35584e+	24.56
12 E2AQ1MS	899461	16.96	1.05382e+	21.39	1.1939e+0	24.56
13 E2AQ1MSD	980489	16.96	1.18337e+ *	21.39	1.30894e+	24.58
14 SBLK751	768293	16.96	942474	21.39	1.06328e+	24.59

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK751

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP122324

SAS No.: BP122324 SDG NO.: BP122324

Lab File ID: BP023575.D

Lab Sample ID: PB165751BL

Instrument ID: BNA_P

Date Extracted: 12/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/23/2024

Level: (low/med) LOW

Time Analyzed: 23:07

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2AS0	P5302-07	BP023563.D	12/23/2024
E2AQ3	P5331-05	BP023569.D	12/23/2024
E2AQ0	P5302-17	BP023570.D	12/23/2024
E2AQ2	P5302-18	BP023571.D	12/23/2024
E2AQ1	P5331-01	BP023572.D	12/23/2024
E2AQ1MS	P5331-02MS	BP023573.D	12/23/2024
E2AQ1MSD	P5331-03MSD	BP023574.D	12/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK779

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP122324

SAS No.: BP122324 SDG NO.: BP122324

Lab File ID: BP023562.D

Lab Sample ID: PB165779BL

Instrument ID: BNA_P

Date Extracted: 12/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/23/2024

Level: (low/med) LOW

Time Analyzed: 14:21

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E2908	P5333-05	BP023564.D	12/23/2024
E2909	P5333-06	BP023565.D	12/23/2024
E2911	P5333-08	BP023566.D	12/23/2024
E2913	P5333-11	BP023567.D	12/23/2024
E2917	P5333-15	BP023568.D	12/23/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP122324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5331-02MS	Client Sample ID:	E2AQ1MS				DataFile:	BP023573.D			
1,4-Dioxane	600		500	ug/Kg	83				15	120	
Benzaldehyde	1500		200	ug/Kg	13				0	0	
Pyridine	1500		1400	ug/Kg	93				0	0	
Phenol	1500	0	1500	ug/Kg	100	*			26	90	
Bis(2-chloroethyl)ether	1500		1400	ug/Kg	93				0	0	
2-Chlorophenol	1500		1400	ug/Kg	93				25	102	
2-Methylphenol	1500		1400	ug/Kg	93				0	0	
2,2-oxybis(1-Chloropropane)	1500		1400	ug/Kg	93				0	0	
Acetophenone	1500		1300	ug/Kg	87				0	0	
4-Methylphenol	1500		1400	ug/Kg	93				0	0	
N-Nitroso-di-n-propylamine	1500		1300	ug/Kg	87				41	126	
Hexachloroethane	1500		1300	ug/Kg	87				0	0	
Nitrobenzene	1500		1400	ug/Kg	93				0	0	
Isophorone	1500		1400	ug/Kg	93				0	0	
2-Nitrophenol	1500		1500	ug/Kg	100				0	0	
2,4-Dimethylphenol	1500		1400	ug/Kg	93				0	0	
Bis(2-chloroethoxy)methane	1500		1500	ug/Kg	100				0	0	
2,4-Dichlorophenol	1500		1400	ug/Kg	93				0	0	
Naphthalene	1500		1400	ug/Kg	93				0	0	
4-Chloroaniline	1500		890	ug/Kg	59				0	0	
Hexachlorobutadiene	1500		1200	ug/Kg	80				0	0	
Caprolactam	1500		1500	ug/Kg	100				0	0	
4-Chloro-3-methylphenol	1500		1400	ug/Kg	93				26	103	
1-Methylnaphthalene	1500		1300	ug/Kg	87				0	0	
2-Methylnaphthalene	1500		1300	ug/Kg	87				0	0	
Hexachlorocyclopentadiene	1500		920	ug/Kg	61				0	0	
2,4,6-Trichlorophenol	1500		1400	ug/Kg	93				0	0	
2,4,5-Trichlorophenol	1500		1400	ug/Kg	93				0	0	
1,1'-Biphenyl	1500		1400	ug/Kg	93				0	0	
2-Chloronaphthalene	1500		1400	ug/Kg	93				0	0	
2-Nitroaniline	1500		1500	ug/Kg	100				0	0	
Dimethylphthalate	1500		1300	ug/Kg	87				0	0	
2,6-Dinitrotoluene	1500		1400	ug/Kg	93				0	0	
Acenaphthylene	1500		1400	ug/Kg	93				0	0	
3-Nitroaniline	1500		1500	ug/Kg	100				0	0	
Acenaphthene	1500		1400	ug/Kg	93				31	137	
2,4-Dinitrophenol	1500		1400	ug/Kg	93				0	0	
4-Nitrophenol	1500		1300	ug/Kg	87				11	114	
Dibenzofuran	1500		1300	ug/Kg	87				0	0	
2,4-Dinitrotoluene	1500		1400	ug/Kg	93	*			28	89	
Diethylphthalate	1500		1300	ug/Kg	87				0	0	
Fluorene	1500		1300	ug/Kg	87				0	0	
4-Chlorophenyl-phenylether	1500		1200	ug/Kg	80				0	0	
4-Nitroaniline	1500		1800	ug/Kg	120				0	0	
4,6-Dinitro-2-methylphenol	1500		1500	ug/Kg	100				0	0	
N-Nitrosodiphenylamine	1500		1600	ug/Kg	107				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP122324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1500		1300	ug/Kg	87				0	0	
4-Bromophenyl-phenylether	1500		1300	ug/Kg	87				0	0	
Hexachlorobenzene	1500		1300	ug/Kg	87				0	0	
Atrazine	1500		1500	ug/Kg	100				0	0	
Pentachlorophenol	1500		1400	ug/Kg	93				17	109	
Phenanthrene	1500		1500	ug/Kg	100				0	0	
Pentachlorobenzene	1500		1400	ug/Kg	93				0	0	
Anthracene	1500		1500	ug/Kg	100				0	0	
1,2,3,4-Tetrachlorobenzene	1500		1500	ug/Kg	100				0	0	
Carbazole	1500		1700	ug/Kg	113				0	0	
Di-n-butylphthalate	1500		1600	ug/Kg	107				0	0	
Fluoranthene	1500		1400	ug/Kg	93				0	0	
Pyrene	1500		1400	ug/Kg	93				35	142	
Butylbenzylphthalate	1500		1600	ug/Kg	107				0	0	
3,3'-Dichlorobenzidine	1500		1200	ug/Kg	80				0	0	
Benzo(a)anthracene	1500		1400	ug/Kg	93				0	0	
Chrysene	1500		1300	ug/Kg	87				0	0	
Bis(2-ethylhexyl)phthalate	1500		1500	ug/Kg	100				0	0	
Di-n-octylphthalate	1500		1600	ug/Kg	107				0	0	
Benzo(b)fluoranthene	1500		1400	ug/Kg	93				0	0	
Benzo(k)fluoranthene	1500		1400	ug/Kg	93				0	0	
Benzo(a)pyrene	1500		1400	ug/Kg	93				0	0	
Indeno(1,2,3-cd)pyrene	1500		1400	ug/Kg	93				0	0	
Dibenzo(a,h)anthracene	1500		1500	ug/Kg	100				0	0	
Benzo(g,h,i)perylene	1500		1500	ug/Kg	100				0	0	
2,3,4,6-Tetrachlorophenol	1500		1300	ug/Kg	87				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP122324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5331-03MSD	Client Sample ID:	E2AQ1MSD					DataFile:	BP023574.D		
1,4-Dioxane	600		530	ug/Kg	88		6		15	120	50
Benzaldehyde	1500		210	ug/Kg	14		7	*	0	0	0
Pyridine	1500		1400	ug/Kg	93		0		0	0	0
Phenol	1500	0	1600	ug/Kg	107	*	7		26	90	35
Bis(2-chloroethyl)ether	1500		1500	ug/Kg	100		7	*	0	0	0
2-Chlorophenol	1500		1500	ug/Kg	100		7		25	102	50
2-Methylphenol	1500		1500	ug/Kg	100		7	*	0	0	0
2,2-oxybis(1-Chloropropane)	1500		1500	ug/Kg	100		7	*	0	0	0
Acetophenone	1500		1300	ug/Kg	87		0		0	0	0
4-Methylphenol	1500		1500	ug/Kg	100		7	*	0	0	0
N-Nitroso-di-n-propylamine	1500		1300	ug/Kg	87		0		41	126	38
Hexachloroethane	1500		1400	ug/Kg	93		7	*	0	0	0
Nitrobenzene	1500		1400	ug/Kg	93		0		0	0	0
Isophorone	1500		1400	ug/Kg	93		0		0	0	0
2-Nitrophenol	1500		1500	ug/Kg	100		0		0	0	0
2,4-Dimethylphenol	1500		1400	ug/Kg	93		0		0	0	0
Bis(2-chloroethoxy)methane	1500		1500	ug/Kg	100		0		0	0	0
2,4-Dichlorophenol	1500		1400	ug/Kg	93		0		0	0	0
Naphthalene	1500		1400	ug/Kg	93		0		0	0	0
4-Chloroaniline	1500		920	ug/Kg	61		3	*	0	0	0
Hexachlorobutadiene	1500		1200	ug/Kg	80		0		0	0	0
Caprolactam	1500		1500	ug/Kg	100		0		0	0	0
4-Chloro-3-methylphenol	1500		1400	ug/Kg	93		0		26	103	33
1-Methylnaphthalene	1500		1300	ug/Kg	87		0		0	0	0
2-Methylnaphthalene	1500		1300	ug/Kg	87		0		0	0	0
Hexachlorocyclopentadiene	1500		970	ug/Kg	65		6	*	0	0	0
2,4,6-Trichlorophenol	1500		1500	ug/Kg	100		7	*	0	0	0
2,4,5-Trichlorophenol	1500		1500	ug/Kg	100		7	*	0	0	0
1,1'-Biphenyl	1500		1400	ug/Kg	93		0		0	0	0
2-Chloronaphthalene	1500		1400	ug/Kg	93		0		0	0	0
2-Nitroaniline	1500		1600	ug/Kg	107		7	*	0	0	0
Dimethylphthalate	1500		1300	ug/Kg	87		0		0	0	0
2,6-Dinitrotoluene	1500		1500	ug/Kg	100		7	*	0	0	0
Acenaphthylene	1500		1400	ug/Kg	93		0		0	0	0
3-Nitroaniline	1500		1500	ug/Kg	100		0		0	0	0
Acenaphthene	1500		1400	ug/Kg	93		0		31	137	19
2,4-Dinitrophenol	1500		1500	ug/Kg	100		7	*	0	0	0
4-Nitrophenol	1500		1400	ug/Kg	93		7		11	114	50
Dibenzofuran	1500		1300	ug/Kg	87		0		0	0	0
2,4-Dinitrotoluene	1500		1400	ug/Kg	93	*	0		28	89	47
Diethylphthalate	1500		1300	ug/Kg	87		0		0	0	0
Fluorene	1500		1300	ug/Kg	87		0		0	0	0
4-Chlorophenyl-phenylether	1500		1200	ug/Kg	80		0		0	0	0
4-Nitroaniline	1500		1900	ug/Kg	127		6	*	0	0	0
4,6-Dinitro-2-methylphenol	1500		1600	ug/Kg	107		7	*	0	0	0
N-Nitrosodiphenylamine	1500		1600	ug/Kg	107		0		0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP122324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1500		1300	ug/Kg	87	0			0	0	0
4-Bromophenyl-phenylether	1500		1400	ug/Kg	93	7	*		0	0	0
Hexachlorobenzene	1500		1300	ug/Kg	87	0			0	0	0
Atrazine	1500		1500	ug/Kg	100	0			0	0	0
Pentachlorophenol	1500		1400	ug/Kg	93	0			17	109	47
Phenanthrene	1500		1500	ug/Kg	100	0			0	0	0
Pentachlorobenzene	1500		1400	ug/Kg	93	0			0	0	0
Anthracene	1500		1500	ug/Kg	100	0			0	0	0
1,2,3,4-Tetrachlorobenzene	1500		1500	ug/Kg	100	0			0	0	0
Carbazole	1500		1700	ug/Kg	113	0			0	0	0
Di-n-butylphthalate	1500		1600	ug/Kg	107	0			0	0	0
Fluoranthene	1500		1400	ug/Kg	93	0			0	0	0
Pyrene	1500		1400	ug/Kg	93	0			35	142	36
Butylbenzylphthalate	1500		1500	ug/Kg	100	7	*		0	0	0
3,3'-Dichlorobenzidine	1500		1200	ug/Kg	80	0			0	0	0
Benzo(a)anthracene	1500		1400	ug/Kg	93	0			0	0	0
Chrysene	1500		1300	ug/Kg	87	0			0	0	0
Bis(2-ethylhexyl)phthalate	1500		1500	ug/Kg	100	0			0	0	0
Di-n-octylphthalate	1500		1600	ug/Kg	107	0			0	0	0
Benzo(b)fluoranthene	1500		1400	ug/Kg	93	0			0	0	0
Benzo(k)fluoranthene	1500		1400	ug/Kg	93	0			0	0	0
Benzo(a)pyrene	1500		1400	ug/Kg	93	0			0	0	0
Indeno(1,2,3-cd)pyrene	1500		1500	ug/Kg	100	7	*		0	0	0
Dibenzo(a,h)anthracene	1500		1500	ug/Kg	100	0			0	0	0
Benzo(g,h,i)perylene	1500		1500	ug/Kg	100	0			0	0	0
2,3,4,6-Tetrachlorophenol	1500		1300	ug/Kg	87	0			0	0	0

Surrogate Summary

SW-846

SDG No.: BP122324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5302-07	E2AS0	BP023563.D	1,4-Dioxane-d8	8	2.71	34		15	120
			Pyridine-d5	40	3.57	9	*	20	120
			Phenol-d5	40	16.01	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.54	41		10	150
			2-Chlorophenol-d4	40	16.24	41		15	120
			4-Methylphenol-d8	40	11.49	29		10	140
			Nitrobenzene-d5	40	15.65	39		10	135
			2-Nitrophenol-d4	40	15.90	40		10	120
			2,4-Dichlorophenol-d3	40	14.46	36		10	140
			4-Chloroaniline-d4	40	9.80	24		1	145
			Dimethylphthalate-d6	40	15.99	40		10	145
			Acenaphthylene-d8	40	15.35	38		15	120
			4-Nitrophenol-d4	40	13.67	34		10	150
			Fluorene-d10	40	14.46	36		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.29	18		10	130
			Anthracene-d10	40	17.54	44		10	150
			Pyrene-d10	40	16.61	42		10	130
			Benzo(a)pyrene-d12	40	12.86	32		10	140
P5302-17	E2AQ0	BP023570.D	1,4-Dioxane-d8	8	4.13	52		15	120
			Pyridine-d5	40	17.37	43		20	120
			Phenol-d5	40	25.09	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.79	62		10	150
			2-Chlorophenol-d4	40	23.98	60		15	120
			4-Methylphenol-d8	40	24.45	61		10	140
			Nitrobenzene-d5	40	25.29	63		10	135
			2-Nitrophenol-d4	40	26.39	66		10	120
			2,4-Dichlorophenol-d3	40	23.17	58		10	140
			4-Chloroaniline-d4	40	25.24	63		1	145
			Dimethylphthalate-d6	40	25.83	65		10	145
			Acenaphthylene-d8	40	25.98	65		15	120
			4-Nitrophenol-d4	40	29.79	74		10	150
			Fluorene-d10	40	24.87	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.02	45		10	130
			Anthracene-d10	40	28.53	71		10	150
			Pyrene-d10	40	25.60	64		10	130
			Benzo(a)pyrene-d12	40	25.01	63		10	140
P5302-18	E2AQ2	BP023571.D	1,4-Dioxane-d8	8	3.15	39		15	120
			Pyridine-d5	40	16.12	40		20	120
			Phenol-d5	40	19.47	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.42	51		10	150
			2-Chlorophenol-d4	40	19.16	48		15	120
			4-Methylphenol-d8	40	18.94	47		10	140
			Nitrobenzene-d5	40	19.70	49		10	135
			2-Nitrophenol-d4	40	20.31	51		10	120
			2,4-Dichlorophenol-d3	40	18.03	45		10	140
			4-Chloroaniline-d4	40	18.79	47		1	145
			Dimethylphthalate-d6	40	20.12	50		10	145
			Acenaphthylene-d8	40	20.51	51		15	120
			4-Nitrophenol-d4	40	21.77	54		10	150

Surrogate Summary

SW-846

SDG No.: BP122324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5302-18	E2AQ2	BP023571.D	Fluorene-d10	40	19.38	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.67	32		10	130
			Anthracene-d10	40	21.45	54		10	150
			Pyrene-d10	40	20.54	51		10	130
			Benzo(a)pyrene-d12	40	18.35	46		10	140
P5331-01	E2AQ1	BP023572.D	1,4-Dioxane-d8	8	4.48	56		15	120
			Pyridine-d5	40	22.64	57		20	120
			Phenol-d5	40	28.74	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.88	70		10	150
			2-Chlorophenol-d4	40	27.45	69		15	120
			4-Methylphenol-d8	40	26.96	67		10	140
			Nitrobenzene-d5	40	28.20	70		10	135
			2-Nitrophenol-d4	40	29.69	74		10	120
			2,4-Dichlorophenol-d3	40	25.85	65		10	140
			4-Chloroaniline-d4	40	27.02	68		1	145
			Dimethylphthalate-d6	40	27.90	70		10	145
			Acenaphthylene-d8	40	27.58	69		15	120
			4-Nitrophenol-d4	40	35.93	90		10	150
			Fluorene-d10	40	27.08	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.97	60		10	130
			Anthracene-d10	40	29.77	74		10	150
			Pyrene-d10	40	26.60	66		10	130
			Benzo(a)pyrene-d12	40	25.90	65		10	140
P5331-02MS	E2AQ1MS	BP023573.D	1,4-Dioxane-d8	8	4.67	58		15	120
			Pyridine-d5	40	24.35	61		20	120
			Phenol-d5	40	29.80	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.12	70		10	150
			2-Chlorophenol-d4	40	28.31	71		15	120
			4-Methylphenol-d8	40	27.01	68		10	140
			Nitrobenzene-d5	40	28.76	72		10	135
			2-Nitrophenol-d4	40	30.24	76		10	120
			2,4-Dichlorophenol-d3	40	28.70	72		10	140
			4-Chloroaniline-d4	40	26.40	66		1	145
			Dimethylphthalate-d6	40	28.67	72		10	145
			Acenaphthylene-d8	40	27.86	70		15	120
			4-Nitrophenol-d4	40	29.52	74		10	150
			Fluorene-d10	40	26.66	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.89	75		10	130
			Anthracene-d10	40	30.13	75		10	150
			Pyrene-d10	40	26.50	66		10	130
			Benzo(a)pyrene-d12	40	26.08	65		10	140
P5331-03MSD	E2AQ1MSD	BP023574.D	1,4-Dioxane-d8	8	4.72	59		15	120
			Pyridine-d5	40	25.89	65		20	120
			Phenol-d5	40	31.20	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.63	74		10	150
			2-Chlorophenol-d4	40	30.17	75		15	120
			4-Methylphenol-d8	40	28.62	72		10	140
			Nitrobenzene-d5	40	29.77	74		10	135
			2-Nitrophenol-d4	40	30.96	77		10	120

Surrogate Summary

SW-846

SDG No.: BP122324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5331-03MSD	E2AQ1MSD	BP023574.D	2,4-Dichlorophenol-d3	40	29.58	74		10	140
			4-Chloroaniline-d4	40	26.98	67		1	145
			Dimethylphthalate-d6	40	28.62	72		10	145
			Acenaphthylene-d8	40	29.10	73		15	120
			4-Nitrophenol-d4	40	29.22	73		10	150
			Fluorene-d10	40	27.56	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	30.45	76		10	130
			Anthracene-d10	40	30.04	75		10	150
			Pyrene-d10	40	27.11	68		10	130
			Benzo(a)pyrene-d12	40	26.46	66		10	140
P5331-05	E2AQ3	BP023569.D	1,4-Dioxane-d8	8	3.11	39		15	120
			Pyridine-d5	40	14.84	37		20	120
			Phenol-d5	40	18.05	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.79	44		10	150
			2-Chlorophenol-d4	40	17.91	45		15	120
			4-Methylphenol-d8	40	17.58	44		10	140
			Nitrobenzene-d5	40	17.56	44		10	135
			2-Nitrophenol-d4	40	18.28	46		10	120
			2,4-Dichlorophenol-d3	40	15.78	39		10	140
			4-Chloroaniline-d4	40	17.06	43		1	145
			Dimethylphthalate-d6	40	17.90	45		10	145
			Acenaphthylene-d8	40	17.70	44		15	120
			4-Nitrophenol-d4	40	20.93	52		10	150
			Fluorene-d10	40	17.13	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.65	24		10	130
			Anthracene-d10	40	18.69	47		10	150
			Pyrene-d10	40	17.57	44		10	130
			Benzo(a)pyrene-d12	40	15.75	39		10	140
PB165751BL	PB165751BL	BP023575.D	1,4-Dioxane-d8	8	6.66	83		15	120
			Pyridine-d5	40	33.42	84		20	120
			Phenol-d5	40	37.92	95		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.71	94		10	150
			2-Chlorophenol-d4	40	36.48	91		15	120
			4-Methylphenol-d8	40	35.22	88		10	140
			Nitrobenzene-d5	40	37.03	93		10	135
			2-Nitrophenol-d4	40	38.07	95		10	120
			2,4-Dichlorophenol-d3	40	32.23	81		10	140
			4-Chloroaniline-d4	40	34.76	87		1	145
			Dimethylphthalate-d6	40	34.78	87		10	145
			Acenaphthylene-d8	40	36.01	90		15	120
			4-Nitrophenol-d4	40	44.84	112		10	150
			Fluorene-d10	40	34.18	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	32.69	82		10	130
			Anthracene-d10	40	39.66	99		10	150
			Pyrene-d10	40	36.92	92		10	130
			Benzo(a)pyrene-d12	40	35.55	89		10	140

Surrogate Summary

SW-846

SDG No.: BP122324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5333-05	E2908	BP023564.D	1,4-Dioxane-d8	8	4.24	53		15	120
			Pyridine-d5	40	14.82	37		20	120
			Phenol-d5	40	27.63	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.57	66		10	150
			2-Chlorophenol-d4	40	26.52	66		15	120
			4-Methylphenol-d8	40	25.97	65		10	140
			Nitrobenzene-d5	40	26.83	67		10	135
			2-Nitrophenol-d4	40	28.09	70		10	120
			2,4-Dichlorophenol-d3	40	24.62	62		10	140
			4-Chloroaniline-d4	40	14.52	36		1	145
			Dimethylphthalate-d6	40	26.14	65		10	145
			Acenaphthylene-d8	40	23.56	59		15	120
			4-Nitrophenol-d4	40	27.87	70		10	150
			Fluorene-d10	40	21.04	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.29	48		10	130
			Anthracene-d10	40	22.41	56		10	150
			Pyrene-d10	40	19.06	48		10	130
			Benzo(a)pyrene-d12	40	14.03	35		10	140
P5333-06	E2909	BP023565.D	1,4-Dioxane-d8	8	4.86	61		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	26.72	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.65	67		10	150
			2-Chlorophenol-d4	40	26.34	66		15	120
			4-Methylphenol-d8	40	24.22	61		10	140
			Nitrobenzene-d5	40	25.29	63		10	135
			2-Nitrophenol-d4	40	26.55	66		10	120
			2,4-Dichlorophenol-d3	40	23.99	60		10	140
			4-Chloroaniline-d4	40	8.12	20		1	145
			Dimethylphthalate-d6	40	24.82	62		10	145
			Acenaphthylene-d8	40	25.14	63		15	120
			4-Nitrophenol-d4	40	28.50	71		10	150
			Fluorene-d10	40	22.67	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.64	49		10	130
			Anthracene-d10	40	24.97	62		10	150
			Pyrene-d10	40	21.36	53		10	130
			Benzo(a)pyrene-d12	40	19.60	49		10	140
P5333-08	E2911	BP023566.D	1,4-Dioxane-d8	8	3.79	47		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	24.38	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.85	60		10	150
			2-Chlorophenol-d4	40	23.52	59		15	120
			4-Methylphenol-d8	40	21.95	55		10	140
			Nitrobenzene-d5	40	22.82	57		10	135
			2-Nitrophenol-d4	40	24.44	61		10	120
			2,4-Dichlorophenol-d3	40	20.88	52		10	140
			4-Chloroaniline-d4	40	4.59	11		1	145
			Dimethylphthalate-d6	40	22.19	55		10	145
			Acenaphthylene-d8	40	19.59	49		15	120
			4-Nitrophenol-d4	40	24.56	61		10	150

Surrogate Summary

SW-846

SDG No.: BP122324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5333-08	E2911	BP023566.D	Fluorene-d10	40	16.83	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.04	43		10	130
			Anthracene-d10	40	18.50	46		10	150
			Pyrene-d10	40	15.95	40		10	130
			Benzo(a)pyrene-d12	40	12.23	31		10	140
P5333-11	E2913	BP023567.D	1,4-Dioxane-d8	8	5.59	70		15	120
			Pyridine-d5	40	2.69	7	*	20	120
			Phenol-d5	40	34.22	86		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.55	79		10	150
			2-Chlorophenol-d4	40	33.81	85		15	120
			4-Methylphenol-d8	40	29.31	73		10	140
			Nitrobenzene-d5	40	32.74	82		10	135
			2-Nitrophenol-d4	40	35.10	88		10	120
			2,4-Dichlorophenol-d3	40	31.06	78		10	140
			4-Chloroaniline-d4	40	20.19	50		1	145
			Dimethylphthalate-d6	40	13.87	35		10	145
			Acenaphthylene-d8	40	32.33	81		15	120
			4-Nitrophenol-d4	40	36.77	92		10	150
			Fluorene-d10	40	29.94	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.36	36		10	130
			Anthracene-d10	40	32.35	81		10	150
			Pyrene-d10	40	26.02	65		10	130
			Benzo(a)pyrene-d12	40	18.12	45		10	140
P5333-15	E2917	BP023568.D	1,4-Dioxane-d8	8	3.81	48		15	120
			Pyridine-d5	40	17.07	43		20	120
			Phenol-d5	40	21.48	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.26	56		10	150
			2-Chlorophenol-d4	40	21.71	54		15	120
			4-Methylphenol-d8	40	17.49	44		10	140
			Nitrobenzene-d5	40	20.89	52		10	135
			2-Nitrophenol-d4	40	22.34	56		10	120
			2,4-Dichlorophenol-d3	40	19.65	49		10	140
			4-Chloroaniline-d4	40	15.34	38		1	145
			Dimethylphthalate-d6	40	22.69	57		10	145
			Acenaphthylene-d8	40	21.56	54		15	120
			4-Nitrophenol-d4	40	23.15	58		10	150
			Fluorene-d10	40	19.78	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.56	29		10	130
			Anthracene-d10	40	21.84	55		10	150
			Pyrene-d10	40	19.10	48		10	130
			Benzo(a)pyrene-d12	40	13.36	33		10	140
PB165779BL	PB165779BL	BP023562.D	Pyridine-d5	40	23.76	59		20	120
			1,4-Dioxane-d8	8	4.64	58		15	120
			Phenol-d5	40	24.41	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.56	61		10	150
			2-Chlorophenol-d4	40	24.39	61		15	120
			4-Methylphenol-d8	40	23.01	58		10	140
			Nitrobenzene-d5	40	23.28	58		10	135
			2-Nitrophenol-d4	40	24.23	61		10	120

Surrogate Summary

SW-846

SDG No.: BP122324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165779BL	PB165779BL	BP023562.D	2,4-Dichlorophenol-d3	40	22.02	55		10	140
			4-Chloroaniline-d4	40	22.15	55		1	145
			Dimethylphthalate-d6	40	23.96	60		10	145
			Acenaphthylene-d8	40	24.01	60		15	120
			4-Nitrophenol-d4	40	25.66	64		10	150
			Fluorene-d10	40	22.75	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.01	50		10	130
			Anthracene-d10	40	24.97	62		10	150
			Pyrene-d10	40	25.20	63		10	130
			Benzo(a)pyrene-d12	40	23.82	60		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP122324

Lab Code: CHEM

SAS No.: BP122324

SDG NO.: BP122324

Lab File ID: BP023560.D

DFTPP Injection Date: 12/23/2024

Instrument ID: BNA_P

DFTPP Injection Time: 12:16

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24.5
68	Less than 2.0% of mass 69	0.4 (1.5) 1
69	Mass 69 relative abundance	29.8
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	36
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	9
442	Greater than 50% of mass 198	59.7
443	15.0 - 24.0% of mass 442	11.6 (19.4) 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
SSTD020763	SSTDCCC020	BP023561.D	12/23/2024	13:40
SBLK779	PB165779BL	BP023562.D	12/23/2024	14:21
E2AS0	P5302-07	BP023563.D	12/23/2024	15:01
E2908	P5333-05	BP023564.D	12/23/2024	15:42
E2909	P5333-06	BP023565.D	12/23/2024	16:22
E2911	P5333-08	BP023566.D	12/23/2024	17:03
E2913	P5333-11	BP023567.D	12/23/2024	17:43
E2917	P5333-15	BP023568.D	12/23/2024	18:24
E2AQ3	P5331-05	BP023569.D	12/23/2024	19:04
E2AQ0	P5302-17	BP023570.D	12/23/2024	19:45
E2AQ2	P5302-18	BP023571.D	12/23/2024	20:25
E2AQ1	P5331-01	BP023572.D	12/23/2024	21:06
E2AQ1MS	P5331-02MS	BP023573.D	12/23/2024	21:46
E2AQ1MSD	P5331-03MSD	BP023574.D	12/23/2024	22:27
SBLK751	PB165751BL	BP023575.D	12/23/2024	23:07
SSTD020764	SSTDCCC020EC	BP023576.D	12/23/2024	23:47