

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121324 SAS No.: BP121324 SDG No.: BP121324

Instrument ID: BNA_P Calibration Date/Time: 12/13/2024 : 09:19

Lab File ID: BP023413.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020748 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	0.559	0.010	-7.0714	40.0
Benzaldehyde	0.897	1.081	0.010	20.528	40.0
Pyridine	1.427	1.308	0.010	-8.3597	40.0
Phenol	1.634	1.534	0.080	-6.1171	20.0
Bis(2-Chloroethyl)ether	1.290	1.238	0.100	-3.9849	20.0
2-Chlorophenol	1.214	1.130	0.200	-6.9732	20.0
2-Methylphenol	1.212	1.126	0.010	-7.0483	20.0
2,2-oxybis(1-Chloropropane)	1.568	1.580	0.010	0.7702	40.0
Acetophenone	2.132	1.966	0.060	-7.7736	20.0
4-Methylphenol	1.308	1.195	0.010	-8.6461	20.0
N-Nitroso-di-n-propylamine	1.162	1.066	0.050	-8.1853	30.0
Hexachloroethane	0.591	0.573	0.100	-2.9951	20.0
Nitrobenzene	0.454	0.465	0.050	2.3367	25.0
Isophorone	0.805	0.759	0.050	-5.6915	25.0
2-Nitrophenol	0.184	0.181	0.050	-1.5155	25.0
2,4-Dimethylphenol	0.407	0.393	0.050	-3.4234	25.0
Bis(2-Chloroethoxy)methane	0.455	0.434	0.050	-4.6203	20.0
2,4-Dichlorophenol	0.360	0.344	0.060	-4.4514	20.0
Naphthalene	1.047	0.998	0.200	-4.6625	20.0
4-Chloroaniline	0.395	0.363	0.010	-8.0426	40.0
Hexachlorobutadiene	0.319	0.318	0.040	-0.339	30.0
Caprolactam	0.105	0.087	0.010	-17.1157	40.0
4-Chloro-3-methylphenol	0.391	0.350	0.040	-10.3849	25.0
1-Methylnaphthalene	0.791	0.731	0.100	-7.6567	20.0
2-Methylnaphthalene	0.776	0.717	0.100	-7.5934	20.0
Hexachlorocyclopentadiene	0.351	0.306	0.010	-12.8514	40.0
2,4,6-Trichlorophenol	0.432	0.424	0.090	-1.905	25.0
2,4,5-Trichlorophenol	0.461	0.442	0.100	-4.186	25.0
1,1-Biphenyl	1.417	1.350	0.200	-4.7401	20.0
2-Chloronaphthalene	1.146	1.123	0.300	-2.0493	20.0
2-Nitroaniline	0.332	0.333	0.050	0.1438	40.0
Dimethylphthalate	1.529	1.365	0.300	-10.7494	20.0
2,6-Dinitrotoluene	0.293	0.271	0.080	-7.5099	30.0
Acenaphthylene	1.668	1.590	0.400	-4.6851	20.0
3-Nitroaniline	0.246	0.239	0.010	-2.8493	40.0
Acenaphthene	1.219	1.168	0.200	-4.2092	20.0
2,4-Dinitrophenol	0.189	0.125	0.010	-33.8136	40.0
4-Nitrophenol	0.256	0.159	0.010	-37.8993	40.0
Dibenzofuran	1.851	1.702	0.300	-8.0449	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121324 SAS No.: BP121324 SDG No.: BP121324

Instrument ID: BNA_P Calibration Date/Time: 12/13/2024 : 09:19

Lab File ID: BP023413.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020748 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	0.418	0.070	-11.4503	30.0
Diethylphthalate	1.525	1.368	0.300	-10.3154	20.0
Fluorene	1.507	1.378	0.200	-8.5493	20.0
4-Chlorophenyl-phenylether	0.874	0.795	0.100	-9.0282	20.0
4-Nitroaniline	0.216	0.224	0.010	3.6088	40.0
4,6-Dinitro-2-methylphenol	0.128	0.109	0.010	-15.1829	40.0
N-Nitrosodiphenylamine	0.511	0.508	0.050	-0.4456	20.0
1,2,4,5-Tetrachlorobenzene	0.730	0.735	0.100	0.7226	20.0
4-Bromophenyl-phenylether	0.236	0.232	0.070	-1.6961	20.0
Hexachlorobenzene	0.289	0.273	0.050	-5.6084	25.0
Atrazine	0.222	0.224	0.010	0.6789	25.0
Pentachlorophenol	0.169	0.161	0.010	-4.3729	40.0
Phenanthrene	1.034	0.984	0.200	-4.8743	20.0
Pentachlorobenzene	0.318	0.326	0.050	2.5335	20.0
Anthracene	1.034	1.001	0.200	-3.1837	20.0
1,2,3,4-Tetrachlorobenzene	0.288	0.316	0.050	9.613	20.0
Carbazole	0.842	0.871	0.050	3.3534	40.0
Di-n-butylphthalate	1.035	1.008	0.500	-2.5801	25.0
Fluoranthene	1.197	1.079	0.400	-9.9235	25.0
Pyrene	1.271	1.186	0.400	-6.6589	25.0
Butylbenzylphthalate	0.440	0.426	0.100	-3.1089	40.0
3,3-Dichlorobenzidine	0.459	0.445	0.010	-2.9314	40.0
Benzo (a) anthracene	1.341	1.299	0.300	-3.15	30.0
Chrysene	1.285	1.213	0.200	-5.6344	30.0
Bis (2-ethylhexyl) phthalate	0.632	0.607	0.200	-3.9346	40.0
Di-n-octyl phthalate	0.977	0.884	0.010	-9.4879	40.0
Benzo (b) fluoranthene	1.257	1.201	0.200	-4.4226	25.0
Benzo (k) fluoranthene	1.250	1.144	0.200	-8.5388	25.0
Benzo (a) pyrene	1.139	1.059	0.200	-7.0603	20.0
Indeno (1,2,3-cd) pyrene	1.464	1.381	0.200	-5.7056	25.0
Dibenzo (a,h) anthracene	1.172	1.085	0.200	-7.4128	30.0
Benzo (g,h,i) perylene	1.121	1.057	0.200	-5.7221	30.0
2,3,4,6-Tetrachlorophenol	0.458	0.417	0.040	-9.0049	20.0
1,4-Dioxane-d8	0.543	0.478	0.010	-11.9657	25.0
Pyridine-d5	1.397	1.307	0.010	-6.4171	40.0
Phenol-d5	1.569	1.468	0.010	-6.4736	25.0
Bis- (2-Chloroethyl) ether-d8	0.990	1.002	0.050	1.1636	25.0
2-Chlorophenol-d4	1.158	1.094	0.200	-5.5459	20.0
4-Methylphenol-d8	1.267	1.138	0.010	-10.1584	20.0

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Lab Code: CHEM Case No.: BP121324 SAS No.: BP121324 SDG No.: BP121324

Instrument ID: BNA_P Calibration Date/Time: 12/13/2024 : 09:19

Lab File ID: BP023413.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020748 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.149	0.145	0.050	-2.8845	20.0
2-Nitrophenol-d4	0.172	0.165	0.050	-4.2013	30.0
2,4-Dichlorophenol-d3	0.363	0.349	0.060	-3.9778	20.0
4-Chloroaniline-d4	0.407	0.378	0.010	-7.2198	40.0
Dimethylphthalate-d6	1.553	1.392	0.300	-10.366	20.0
Acenaphthylene-d8	1.638	1.585	0.400	-3.2165	20.0
4-Nitrophenol-d4	0.190	0.127	0.010	-33.1202	40.0
Fluorene-d10	1.366	1.235	0.100	-9.5859	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.101	0.010	-16.0678	40.0
Anthracene-d10	0.913	0.895	0.300	-1.9622	20.0
Pyrene-d10	1.045	0.962	0.300	-7.9339	25.0
Benzo(a)pyrene-d12	1.071	0.991	0.010	-7.4517	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.: BP121324 SAS No.: BP121324 SDG No.: BP121324
Instrument ID: BNA_P Calibration Date/Time: 12/13/2024 : 20:13
Lab File ID: BP023427.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020749 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	0.534	0.010	-11.1723	50.0
Benzaldehyde	0.897	1.099	0.010	22.4475	50.0
Pyridine	1.427	1.364	0.010	-4.3827	50.0
Phenol	1.634	1.689	0.080	3.3767	50.0
Bis(2-Chloroethyl)ether	1.290	1.372	0.100	6.3861	50.0
2-Chlorophenol	1.214	1.257	0.200	3.5568	50.0
2-Methylphenol	1.212	1.279	0.010	5.5996	50.0
2,2-oxybis(1-Chloropropane)	1.568	1.680	0.010	7.1266	50.0
Acetophenone	2.132	2.153	0.060	0.9998	50.0
4-Methylphenol	1.308	1.354	0.010	3.5483	50.0
N-Nitroso-di-n-propylamine	1.162	1.162	0.050	0.0239	50.0
Hexachloroethane	0.591	0.587	0.100	-0.6901	50.0
Nitrobenzene	0.454	0.458	0.050	0.8653	50.0
Isophorone	0.805	0.814	0.050	1.1581	50.0
2-Nitrophenol	0.184	0.180	0.050	-2.2595	50.0
2,4-Dimethylphenol	0.407	0.411	0.050	0.8615	50.0
Bis(2-Chloroethoxy)methane	0.455	0.464	0.050	2.1143	50.0
2,4-Dichlorophenol	0.360	0.368	0.060	2.2704	50.0
Naphthalene	1.047	1.043	0.200	-0.3505	50.0
4-Chloroaniline	0.395	0.413	0.010	4.614	50.0
Hexachlorobutadiene	0.319	0.316	0.040	-1.0354	50.0
Caprolactam	0.105	0.113	0.010	7.089	50.0
4-Chloro-3-methylphenol	0.391	0.398	0.040	1.9047	50.0
1-Methylnaphthalene	0.791	0.786	0.100	-0.6933	50.0
2-Methylnaphthalene	0.776	0.764	0.100	-1.5946	50.0
Hexachlorocyclopentadiene	0.351	0.166	0.010	-52.7254	50.0
2,4,6-Trichlorophenol	0.432	0.482	0.090	11.5684	50.0
2,4,5-Trichlorophenol	0.461	0.505	0.100	9.4	50.0
1,1-Biphenyl	1.417	1.438	0.200	1.5072	50.0
2-Chloronaphthalene	1.146	1.166	0.300	1.7426	50.0
2-Nitroaniline	0.332	0.361	0.050	8.8195	50.0
Dimethylphthalate	1.529	1.483	0.300	-3.0252	50.0
2,6-Dinitrotoluene	0.293	0.301	0.080	2.6446	50.0
Acenaphthylene	1.668	1.676	0.400	0.4791	50.0
3-Nitroaniline	0.246	0.270	0.010	9.9901	50.0
Acenaphthene	1.219	1.200	0.200	-1.5331	50.0
2,4-Dinitrophenol	0.189	0.064	0.010	-66.0257	50.0
4-Nitrophenol	0.256	0.260	0.010	1.477	50.0
Dibenzofuran	1.851	1.821	0.300	-1.6534	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121324 SAS No.: BP121324 SDG No.: BP121324

Instrument ID: BNA_P Calibration Date/Time: 12/13/2024 : 20:13

Lab File ID: BP023427.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020749 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	0.452	0.070	-4.2951	50.0
Diethylphthalate	1.525	1.478	0.300	-3.0918	50.0
Fluorene	1.507	1.469	0.200	-2.5495	50.0
4-Chlorophenyl-phenylether	0.874	0.824	0.100	-5.6978	50.0
4-Nitroaniline	0.216	0.262	0.010	21.2333	50.0
4,6-Dinitro-2-methylphenol	0.128	0.066	0.010	-48.191	50.0
N-Nitrosodiphenylamine	0.511	0.530	0.050	3.7285	50.0
1,2,4,5-Tetrachlorobenzene	0.730	0.744	0.100	1.9997	50.0
4-Bromophenyl-phenylether	0.236	0.239	0.070	1.4088	50.0
Hexachlorobenzene	0.289	0.280	0.050	-3.2981	50.0
Atrazine	0.222	0.235	0.010	5.7421	50.0
Pentachlorophenol	0.169	0.169	0.010	0.0575	50.0
Phenanthrene	1.034	1.028	0.200	-0.5459	50.0
Pentachlorobenzene	0.318	0.323	0.050	1.557	50.0
Anthracene	1.034	1.063	0.200	2.8553	50.0
1,2,3,4-Tetrachlorobenzene	0.288	0.312	0.050	8.3225	50.0
Carbazole	0.842	0.902	0.050	7.0683	50.0
Di-n-butylphthalate	1.035	1.041	0.500	0.5496	50.0
Fluoranthene	1.197	1.303	0.400	8.8154	50.0
Pyrene	1.271	1.406	0.400	10.6714	50.0
Butylbenzylphthalate	0.440	0.513	0.100	16.4954	50.0
3,3-Dichlorobenzidine	0.459	0.450	0.010	-2.0062	50.0
Benzo (a) anthracene	1.341	1.413	0.300	5.3431	50.0
Chrysene	1.285	1.350	0.200	5.0187	50.0
Bis(2-ethylhexyl)phthalate	0.632	0.727	0.200	15.1211	50.0
Di-n-octyl phthalate	0.977	1.060	0.010	8.5232	50.0
Benzo (b) fluoranthene	1.257	1.274	0.200	1.3874	50.0
Benzo (k) fluoranthene	1.250	1.213	0.200	-2.9899	50.0
Benzo (a) pyrene	1.139	1.136	0.200	-0.3324	50.0
Indeno (1,2,3-cd) pyrene	1.464	1.486	0.200	1.4599	50.0
Dibenzo (a,h) anthracene	1.172	1.195	0.200	1.9523	50.0
Benzo (g,h,i) perylene	1.121	1.144	0.200	2.0898	50.0
2,3,4,6-Tetrachlorophenol	0.458	0.455	0.040	-0.578	50.0
1,4-Dioxane-d8	0.543	0.491	0.010	-9.5971	50.0
Pyridine-d5	1.397	1.328	0.010	-4.959	50.0
Phenol-d5	1.569	1.605	0.010	2.2853	50.0
Bis- (2-Chloroethyl) ether-d8	0.990	1.038	0.050	4.8452	50.0
2-Chlorophenol-d4	1.158	1.219	0.200	5.2812	50.0
4-Methylphenol-d8	1.267	1.292	0.010	2.0041	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP121324 SAS No.: BP121324 SDG No.: BP121324

Instrument ID: BNA_P Calibration Date/Time: 12/13/2024 : 20:13

Lab File ID: BP023427.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020749 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.149	0.154	0.050	2.8546	50.0
2-Nitrophenol-d4	0.172	0.173	0.050	0.4071	50.0
2,4-Dichlorophenol-d3	0.363	0.378	0.060	4.0865	50.0
4-Chloroaniline-d4	0.407	0.419	0.010	3.0475	50.0
Dimethylphthalate-d6	1.553	1.484	0.300	-4.4439	50.0
Acenaphthylene-d8	1.638	1.682	0.400	2.6843	50.0
4-Nitrophenol-d4	0.190	0.166	0.010	-12.893	50.0
Fluorene-d10	1.366	1.333	0.100	-2.3544	50.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.060	0.010	-50.3195	50.0
Anthracene-d10	0.913	0.948	0.300	3.8162	50.0
Pyrene-d10	1.045	1.154	0.300	10.3941	50.0
Benzo(a)pyrene-d12	1.071	1.081	0.010	1.0075	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SBLK551	SDG No.:	BP121324
Lab Sample ID:	PB165551BL	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
BP023414.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

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:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SBLK551	SDG No.:	BP121324
Lab Sample ID:	PB165551BL	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
BP023414.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

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:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SBLK551	SDG No.:	BP121324
Lab Sample ID:	PB165551BL	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
BP023414.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

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	6.492		15-120		81	SPK: -8
7291-22-7	Pyridine-d5	29.727		20-120		74	SPK: -40
4165-62-2	Phenol-d5	31.17		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.136		10-150		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.835		15-120		80	SPK: -40
190780-66-6	4-Methylphenol-d8	31.011		10-140		78	SPK: -40
4165-60-0	Nitrobenzene-d5	33.236		10-135		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.874		10-120		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.715		1-145		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.181		10-145		85	SPK: -40
93951-97-4	Acenaphthylene-d8	33.106		15-120		83	SPK: -40
93951-79-2	4-Nitrophenol-d4	34.448		10-150		86	SPK: -40
81103-79-9	Fluorene-d10	33.703		20-140		84	SPK: -40

Report of Analysis

Client:		Date Collected:	12/11/2024 12:00:00 AM
Project:		Date Received:	12/11/2024 12:00:00 AM
Client Sample ID:	SBLK551	SDG No.:	BP121324
Lab Sample ID:	PB165551BL	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
BP023414.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.558		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	36.723		10-150		92	SPK: -40
1718-52-1	Pyrene-d10	33.434		10-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.093		10-140		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83237	7.54				
1146-65-2	Naphthalene-d8	301602	10.275				
15067-26-2	Acenaphthene-d10	226210	14.14				
1517-22-2	Phenanthrene-d10	545585	16.957				
1719-03-5	Chrysene-d12	675491	21.374				
1520-96-3	Perylene-d12	711664	24.533				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R3	SDG No.:	BP121324
Lab Sample ID:	P5153-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
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
BP023415.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.5	86	ug/Kg
100-52-7	Benzaldehyde	58	U	58	110	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	84	J	55	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	110	420	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	54.7	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	77	U	77	110	420	ug/Kg
98-86-2	Acetophenone	51	U	51	110	420	ug/Kg
106-44-5	4-Methylphenol	48	U	48	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	66	U	66	54.7	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54.7	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	54.7	220	ug/Kg
78-59-1	Isophorone	62	U	62	54.7	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	54.7	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54.7	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54.7	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	54.7	220	ug/Kg
91-20-3	Naphthalene	120	J	32	54.7	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	54.7	420	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	54.7	220	ug/Kg
105-60-2	Caprolactam	93	U	93	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63	U	63	54.7	220	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	54.7	220	ug/Kg
91-57-6	2-Methylnaphthalene	74	J	30	54.7	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	54.7	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54.7	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R3	SDG No.:	BP121324
Lab Sample ID:	P5153-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
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
BP023415.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	54.7	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	54.7	220	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	54.7	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54.7	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	57	54.7	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54.7	220	ug/Kg
99-09-2	3-Nitroaniline	57	U	57	110	420	ug/Kg
83-32-9	Acenaphthene	37	U	37	54.7	220	ug/Kg
51-28-5	2,4-Dinitrophenol	62	U	62	110	420	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	420	ug/Kg
132-64-9	Dibenzofuran	41	U	41	54.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54.7	220	ug/Kg
84-66-2	Diethylphthalate	39	U	39	54.7	220	ug/Kg
86-73-7	Fluorene	32	U	32	54.7	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.7	220	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99	U	99	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	54.7	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	54.7	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54.7	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54.7	220	ug/Kg
1912-24-9	Atrazine	91	U	91	110	420	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	110	420	ug/Kg
85-01-8	Phenanthrene	160	J	37	54.7	220	ug/Kg
608-93-5	Pentachlorobenzene	67	U	67	54.7	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.7	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	64	U	64	54.7	220	ug/Kg
86-74-8	Carbazole	36	U	36	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	78	U	78	54.7	220	ug/Kg
206-44-0	Fluoranthene	220		69	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R3	SDG No.:	BP121324
Lab Sample ID:	P5153-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
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
BP023415.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	220		63	54.7	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54.7	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	170	J	35	54.7	220	ug/Kg
218-01-9	Chrysene	230		40	54.7	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	54.7	220	ug/Kg
117-84-0	Di-n-octyl phthalate	98	U	98	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	390		42	54.7	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	49	54.7	220	ug/Kg
50-32-8	Benzo(a)pyrene	290		41	54.7	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210	J	40	54.7	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	J	36	54.7	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	300		33	54.7	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	54.7	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.327		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	19.103		20-120		48	SPK: -40
4165-62-2	Phenol-d5	20.278		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.499		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.165		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	17.763		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	19.913		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.965		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.258		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.348		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.077		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	19.197		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.319		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	19.186		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R3	SDG No.:	BP121324
Lab Sample ID:	P5153-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
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
BP023415.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.216		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	21.08		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	20.589		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.634		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124279	7.505				
1146-65-2	Naphthalene-d8	462499	10.257				
15067-26-2	Acenaphthene-d10	360511	14.14				
1517-22-2	Phenanthrene-d10	804994	16.951				
1719-03-5	Chrysene-d12	837602	21.369				
1520-96-3	Perylene-d12	941282	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000100-51-6	Benzyl alcohol	94	J			7.769	
000065-85-0	Benzoic acid	110	J			9.599	
000119-61-9	Benzophenone	240	J			15.534	
001002-84-2	Pentadecanoic acid	160	J			16.857	
010030-73-6	(E)-Hexadec-9-enoic acid	250	J			17.769	
002416-19-5	cis-7-Hexadecenoic acid	760	J			17.828	
000057-10-3	n-Hexadecanoic acid	1400	J			17.898	
000057-11-4	Octadecanoic acid	320	J			19.228	
	(DEL) Alkane: Straight-Chain	21.057	J			21.057	
000638-66-4	Octadecanal	150	J			21.827	
	(DEL) Alkane: Straight-Chain	22.192	J			22.192	
015594-90-8	1-Heneicosanol	390	J			22.233	
000521-61-9	9,10-Anthracenedione, 1,8-dihydrox	110	J			22.31	
000557-59-5	Tetracosanoic acid	280	J			22.686	
067860-04-2	Oxirane, heptadecyl-	300	J			23.221	
	(DEL) Alkane: Straight-Chain	23.680	J			23.68	
	(DEL) Alkane: Straight-Chain	23.769	J			23.769	

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R3	SDG No.:	BP121324
Lab Sample ID:	P5153-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.5
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
BP023415.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
022725-64-0	Octacosanal	330	J			25.11	
	(DEL) Alkane: Straight-Chain	25.874	J			25.874	
000083-47-6	.gamma.-Sitosterol	200	J			29.686	
000083-46-5	.beta.-Sitosterol	180	J			29.721	
E966796	Total Alkanes	7200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R7	SDG No.:	BP121324
Lab Sample ID:	P5232-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023416.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

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	97.5	390	ug/Kg
110-86-1	Pyridine	39	U	39	200	390	ug/Kg
108-95-2	Phenol	51	U	51	97.5	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	97.5	390	ug/Kg
95-57-8	2-Chlorophenol	27	U	27	50.2	200	ug/Kg
95-48-7	2-Methylphenol	46	U	46	97.5	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	71	U	71	97.5	390	ug/Kg
98-86-2	Acetophenone	47	U	47	97.5	390	ug/Kg
106-44-5	4-Methylphenol	44	U	44	97.5	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	97.5	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	97.5	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:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R7	SDG No.:	BP121324
Lab Sample ID:	P5232-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023416.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

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	97.5	390	ug/Kg
83-32-9	Acenaphthene	34	U	34	50.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	57	U	57	97.5	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.5	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	97.5	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	97.5	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	97.5	390	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	97.5	390	ug/Kg
85-01-8	Phenanthrene	34	U	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	97.5	390	ug/Kg
84-74-2	Di-n-butylphthalate	72	U	72	50.2	200	ug/Kg
206-44-0	Fluoranthene	64	U	64	97.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R7	SDG No.:	BP121324
Lab Sample ID:	P5232-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
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
BP023416.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	U	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	97.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	50.2	200	ug/Kg
218-01-9	Chrysene	37	U	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	97.5	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	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	2.638		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	15.137		20-120		38	SPK: -40
4165-62-2	Phenol-d5	20.661		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.572		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.654		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	20.967		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	21.303		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.695		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.28		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.569		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.947		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.161		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.268		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	20.479		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	12/5/2024 12:00:00 AM
Project:		Date Received:	12/5/2024 12:00:00 AM
Client Sample ID:	E28R7	SDG No.:	BP121324
Lab Sample ID:	P5232-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.7
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
BP023416.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.065		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	22.574		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	20.175		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.414		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120821	7.534				
1146-65-2	Naphthalene-d8	430212	10.275				
15067-26-2	Acenaphthene-d10	299917	14.146				
1517-22-2	Phenanthrene-d10	633549	16.951				
1719-03-5	Chrysene-d12	695979	21.381				
1520-96-3	Perylene-d12	824256	24.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	300	J			15.534	
1000336-66-8	6-Octadecenoic acid	120	J			17.763	
002416-20-8	Hexadecenoic acid, Z-11-	110	J			17.84	
000057-10-3	n-Hexadecanoic acid	790	J			17.892	
000057-11-4	Octadecanoic acid	140	J			19.234	
	(DEL) Alkane: Straight-Chain	21.063	J			21.063	
005385-75-1	Dibenz(a,e)aceanthrylene	120	J			21.51	
007683-64-9	Supraene	1000	J			23.063	
E966796	Total Alkanes	360				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S7	SDG No.:	BP121324
Lab Sample ID:	P5232-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.2
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
BP023417.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.8	89	ug/Kg
100-52-7	Benzaldehyde	60	U	60	110	440	ug/Kg
110-86-1	Pyridine	44	U	44	220	440	ug/Kg
108-95-2	Phenol	120	J	57	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	53	U	53	110	440	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	56.6	230	ug/Kg
95-48-7	2-Methylphenol	52	U	52	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	80	U	80	110	440	ug/Kg
98-86-2	Acetophenone	53	U	53	110	440	ug/Kg
106-44-5	4-Methylphenol	49	U	49	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	68	U	68	56.6	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	56.6	230	ug/Kg
98-95-3	Nitrobenzene	41	U	41	56.6	230	ug/Kg
78-59-1	Isophorone	64	U	64	56.6	230	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	56.6	230	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	56.6	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	56.6	230	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	56.6	230	ug/Kg
91-20-3	Naphthalene	33	U	33	56.6	230	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	56.6	440	ug/Kg
87-68-3	Hexachlorobutadiene	59	U	59	56.6	230	ug/Kg
105-60-2	Caprolactam	96	U	96	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	65	U	65	56.6	230	ug/Kg
90-12-0	1-Methylnaphthalene	44	U	44	56.6	230	ug/Kg
91-57-6	2-Methylnaphthalene	31	U	31	56.6	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	56.6	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	56.6	230	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S7	SDG No.:	BP121324
Lab Sample ID:	P5232-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.2
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
BP023417.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	56.6	230	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	56.6	230	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	56.6	230	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	56.6	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	59	U	59	56.6	230	ug/Kg
208-96-8	Acenaphthylene	43	U	43	56.6	230	ug/Kg
99-09-2	3-Nitroaniline	59	U	59	110	440	ug/Kg
83-32-9	Acenaphthene	39	U	39	56.6	230	ug/Kg
51-28-5	2,4-Dinitrophenol	64	U	64	110	440	ug/Kg
100-02-7	4-Nitrophenol	59	U	59	110	440	ug/Kg
132-64-9	Dibenzofuran	43	U	43	56.6	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	56.6	230	ug/Kg
84-66-2	Diethylphthalate	40	U	40	56.6	230	ug/Kg
86-73-7	Fluorene	33	U	33	56.6	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	56.6	230	ug/Kg
100-01-6	4-Nitroaniline	41	U	41	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	44	U	44	56.6	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	56.6	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39	U	39	56.6	230	ug/Kg
118-74-1	Hexachlorobenzene	43	U	43	56.6	230	ug/Kg
1912-24-9	Atrazine	95	U	95	110	440	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	110	440	ug/Kg
85-01-8	Phenanthrene	49	J	39	56.6	230	ug/Kg
608-93-5	Pentachlorobenzene	69	U	69	56.6	230	ug/Kg
120-12-7	Anthracene	33	U	33	56.6	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	67	U	67	56.6	230	ug/Kg
86-74-8	Carbazole	37	U	37	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	81	U	81	56.6	230	ug/Kg
206-44-0	Fluoranthene	150	J	72	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S7	SDG No.:	BP121324
Lab Sample ID:	P5232-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.2
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
BP023417.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	110	J	65	56.6	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	56.6	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	46	J	36	56.6	230	ug/Kg
218-01-9	Chrysene	68	J	41	56.6	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	56.6	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	85	J	44	56.6	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	56.6	230	ug/Kg
50-32-8	Benzo(a)pyrene	50	J	43	56.6	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41	U	41	56.6	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	56.6	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	J	35	56.6	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	56.6	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.421		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	20.724		20-120		52	SPK: -40
4165-62-2	Phenol-d5	31.49		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.143		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.398		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	32.365		10-140		81	SPK: -40
4165-60-0	Nitrobenzene-d5	29.779		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.671		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.285		10-140		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.385		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.033		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	30.478		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	38.121		10-150		95	SPK: -40
81103-79-9	Fluorene-d10	28.326		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S7	SDG No.:	BP121324
Lab Sample ID:	P5232-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.2
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
BP023417.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.096		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	30.088		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	26.548		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.445		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110388	7.534				
1146-65-2	Naphthalene-d8	427659	10.275				
15067-26-2	Acenaphthene-d10	335828	14.139				
1517-22-2	Phenanthrene-d10	776819	16.945				
1719-03-5	Chrysene-d12	775906	21.374				
1520-96-3	Perylene-d12	862091	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000085-44-9	Phthalic anhydride	89	J			12.122	
000119-61-9	Benzophenone	1000	J			15.534	
010030-73-6	(E)-Hexadec-9-enoic acid	100	J			17.775	
002416-19-5	cis-7-Hexadecenoic acid	1300	J			17.839	
000057-10-3	n-Hexadecanoic acid	1900	J			17.904	
000057-11-4	Octadecanoic acid	380	J			19.227	
	(DEL) Alkane: Straight-Chain21.051	350	J			21.051	
	(DEL) Alkane: Straight-Chain23.663	140	J			23.663	
1010159-38-5	Cycloheptane, 4-methylene-1-methyl	240	J			31.697	
E966796	Total Alkanes	490				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S7MS	SDG No.:	BP121324
Lab Sample ID:	P5232-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.2
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
BP023418.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	470		15	8.8	89	ug/Kg
100-52-7	Benzaldehyde	390	J	60	110	440	ug/Kg
110-86-1	Pyridine	1400		44	220	440	ug/Kg
108-95-2	Phenol	1900		57	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1700		53	110	440	ug/Kg
95-57-8	2-Chlorophenol	1700		31	56.8	230	ug/Kg
95-48-7	2-Methylphenol	1700		52	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		80	110	440	ug/Kg
98-86-2	Acetophenone	1600		53	110	440	ug/Kg
106-44-5	4-Methylphenol	1800		49	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1600		68	56.8	230	ug/Kg
67-72-1	Hexachloroethane	1500		24	56.8	230	ug/Kg
98-95-3	Nitrobenzene	1700		41	56.8	230	ug/Kg
78-59-1	Isophorone	1800		64	56.8	230	ug/Kg
88-75-5	2-Nitrophenol	1800		41	56.8	230	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		33	56.8	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1800		57	56.8	230	ug/Kg
120-83-2	2,4-Dichlorophenol	1900		21	56.8	230	ug/Kg
91-20-3	Naphthalene	1700		33	56.8	230	ug/Kg
106-47-8	4-Chloroaniline	1600		32	56.8	440	ug/Kg
87-68-3	Hexachlorobutadiene	1700		59	56.8	230	ug/Kg
105-60-2	Caprolactam	1900		96	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		65	56.8	230	ug/Kg
90-12-0	1-Methylnaphthalene	1700		44	56.8	230	ug/Kg
91-57-6	2-Methylnaphthalene	1800		31	56.8	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	940		130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		65	56.8	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		52	56.8	230	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S7MS	SDG No.:	BP121324
Lab Sample ID:	P5232-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.2
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
BP023418.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1800		32	56.8	230	ug/Kg
91-58-7	2-Chloronaphthalene	1800		35	56.8	230	ug/Kg
88-74-4	2-Nitroaniline	2000		55	56.8	230	ug/Kg
131-11-3	Dimethylphthalate	1700		39	56.8	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		59	56.8	230	ug/Kg
208-96-8	Acenaphthylene	1800		43	56.8	230	ug/Kg
99-09-2	3-Nitroaniline	2000		59	110	440	ug/Kg
83-32-9	Acenaphthene	1800		39	56.8	230	ug/Kg
51-28-5	2,4-Dinitrophenol	870		64	110	440	ug/Kg
100-02-7	4-Nitrophenol	2100		59	110	440	ug/Kg
132-64-9	Dibenzofuran	1800		43	56.8	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		57	56.8	230	ug/Kg
84-66-2	Diethylphthalate	1700		40	56.8	230	ug/Kg
86-73-7	Fluorene	1700		33	56.8	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		27	56.8	230	ug/Kg
100-01-6	4-Nitroaniline	2200		41	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		100	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1900		44	56.8	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		32	56.8	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900		39	56.8	230	ug/Kg
118-74-1	Hexachlorobenzene	1900		43	56.8	230	ug/Kg
1912-24-9	Atrazine	2000		95	110	440	ug/Kg
87-86-5	Pentachlorophenol	2100		99	110	440	ug/Kg
85-01-8	Phenanthrene	1900		39	56.8	230	ug/Kg
608-93-5	Pentachlorobenzene	1900		69	56.8	230	ug/Kg
120-12-7	Anthracene	1900		33	56.8	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2000		67	56.8	230	ug/Kg
86-74-8	Carbazole	2000		37	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	1900		82	56.8	230	ug/Kg
206-44-0	Fluoranthene	2000		72	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S7MS	SDG No.:	BP121324
Lab Sample ID:	P5232-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.2
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
BP023418.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1900		65	56.8	230	ug/Kg
85-68-7	Butylbenzylphthalate	2000		110	56.8	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	910		64	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	1800		36	56.8	230	ug/Kg
218-01-9	Chrysene	1800		41	56.8	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		130	56.8	230	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		100	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		44	56.8	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		51	56.8	230	ug/Kg
50-32-8	Benzo(a)pyrene	1800		43	56.8	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		41	56.8	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900		37	56.8	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		35	56.8	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		44	56.8	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.105		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	18.196		20-120		45	SPK: -40
4165-62-2	Phenol-d5	24.777		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.745		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.553		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	23.138		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	24.589		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.637		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.097		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.05		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.773		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	21.47		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.935		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	18.909		20-140		47	SPK: -40

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S7MS	SDG No.:	BP121324
Lab Sample ID:	P5232-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.2
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
BP023418.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.232		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	20.344		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	17.414		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.468		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117125	7.534				
1146-65-2	Naphthalene-d8	416545	10.275				
15067-26-2	Acenaphthene-d10	308225	14.145				
1517-22-2	Phenanthrene-d10	701968	16.957				
1719-03-5	Chrysene-d12	762776	21.369				
1520-96-3	Perylene-d12	832042	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S7MSD	SDG No.:	BP121324
Lab Sample ID:	P5232-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023419.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	710		15	8.8	89	ug/Kg
100-52-7	Benzaldehyde	650		60	110	440	ug/Kg
110-86-1	Pyridine	2200		44	220	440	ug/Kg
108-95-2	Phenol	3000		57	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2600		53	110	440	ug/Kg
95-57-8	2-Chlorophenol	2700		31	56.8	230	ug/Kg
95-48-7	2-Methylphenol	2900		52	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2600		80	110	440	ug/Kg
98-86-2	Acetophenone	2600		53	110	440	ug/Kg
106-44-5	4-Methylphenol	2900		49	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2600		68	56.8	230	ug/Kg
67-72-1	Hexachloroethane	2300		24	56.8	230	ug/Kg
98-95-3	Nitrobenzene	2700		41	56.8	230	ug/Kg
78-59-1	Isophorone	2800		64	56.8	230	ug/Kg
88-75-5	2-Nitrophenol	2700		41	56.8	230	ug/Kg
105-67-9	2,4-Dimethylphenol	2900		33	56.8	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2800		57	56.8	230	ug/Kg
120-83-2	2,4-Dichlorophenol	2900		21	56.8	230	ug/Kg
91-20-3	Naphthalene	2700		33	56.8	230	ug/Kg
106-47-8	4-Chloroaniline	2300		32	56.8	440	ug/Kg
87-68-3	Hexachlorobutadiene	2500		59	56.8	230	ug/Kg
105-60-2	Caprolactam	3100		96	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3000		65	56.8	230	ug/Kg
90-12-0	1-Methylnaphthalene	2700		44	56.8	230	ug/Kg
91-57-6	2-Methylnaphthalene	2700		31	56.8	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1400		130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3200		65	56.8	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3200		52	56.8	230	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S7MSD	SDG No.:	BP121324
Lab Sample ID:	P5232-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023419.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2800		32	56.8	230	ug/Kg
91-58-7	2-Chloronaphthalene	2800		35	56.8	230	ug/Kg
88-74-4	2-Nitroaniline	3200		55	56.8	230	ug/Kg
131-11-3	Dimethylphthalate	2700		39	56.8	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	3100		59	56.8	230	ug/Kg
208-96-8	Acenaphthylene	2800		43	56.8	230	ug/Kg
99-09-2	3-Nitroaniline	3100		59	110	440	ug/Kg
83-32-9	Acenaphthene	2800		39	56.8	230	ug/Kg
51-28-5	2,4-Dinitrophenol	1300		64	110	440	ug/Kg
100-02-7	4-Nitrophenol	3300		59	110	440	ug/Kg
132-64-9	Dibenzofuran	2700		43	56.8	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	2900		57	56.8	230	ug/Kg
84-66-2	Diethylphthalate	2700		40	56.8	230	ug/Kg
86-73-7	Fluorene	2700		33	56.8	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2700		27	56.8	230	ug/Kg
100-01-6	4-Nitroaniline	3200		41	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		100	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3100		44	56.8	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2700		32	56.8	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3000		39	56.8	230	ug/Kg
118-74-1	Hexachlorobenzene	2900		43	56.8	230	ug/Kg
1912-24-9	Atrazine	3100		95	110	440	ug/Kg
87-86-5	Pentachlorophenol	3300		99	110	440	ug/Kg
85-01-8	Phenanthrene	3000		39	56.8	230	ug/Kg
608-93-5	Pentachlorobenzene	3000		69	56.8	230	ug/Kg
120-12-7	Anthracene	2900		33	56.8	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	3100		67	56.8	230	ug/Kg
86-74-8	Carbazole	3100		37	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	3000		81	56.8	230	ug/Kg
206-44-0	Fluoranthene	3100		72	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S7MSD	SDG No.:	BP121324
Lab Sample ID:	P5232-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.2
Sample Wt/Vol:	30.03	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
BP023419.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3000		65	56.8	230	ug/Kg
85-68-7	Butylbenzylphthalate	3000		110	56.8	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		64	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	2800		36	56.8	230	ug/Kg
218-01-9	Chrysene	2700		41	56.8	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3100		130	56.8	230	ug/Kg
117-84-0	Di-n-octyl phthalate	3100		100	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	2800		44	56.8	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	2900		51	56.8	230	ug/Kg
50-32-8	Benzo(a)pyrene	2900		43	56.8	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3000		41	56.8	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3000		37	56.8	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2900		35	56.8	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2900		44	56.8	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.436		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	27.75		20-120		69	SPK: -40
4165-62-2	Phenol-d5	39.938		10-130		100	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.209		10-150		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	38.64		15-120		97	SPK: -40
190780-66-6	4-Methylphenol-d8	38.155		10-140		95	SPK: -40
4165-60-0	Nitrobenzene-d5	37.806		10-135		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.104		10-120		100	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	42.971		10-140		107	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.314		1-145		86	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.877		10-145		95	SPK: -40
93951-97-4	Acenaphthylene-d8	33.575		15-120		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	40.69		10-150		102	SPK: -40
81103-79-9	Fluorene-d10	29.448		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S7MSD	SDG No.:	BP121324
Lab Sample ID:	P5232-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023419.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.008		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	31.96		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	27.253		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.854		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	116058	7.534				
1146-65-2	Naphthalene-d8	433537	10.281				
15067-26-2	Acenaphthene-d10	326081	14.151				
1517-22-2	Phenanthrene-d10	732379	16.951				
1719-03-5	Chrysene-d12	766367	21.374				
1520-96-3	Perylene-d12	821921	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S0	SDG No.:	BP121324
Lab Sample ID:	P5232-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023420.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

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

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S0	SDG No.:	BP121324
Lab Sample ID:	P5232-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023420.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

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

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S0	SDG No.:	BP121324
Lab Sample ID:	P5232-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023420.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	84	U	84	73.3	290	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	73.3	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	83	U	83	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	73.3	290	ug/Kg
218-01-9	Chrysene	53	U	53	73.3	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	73.3	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	73.3	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	66	U	66	73.3	290	ug/Kg
50-32-8	Benzo(a)pyrene	55	U	55	73.3	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53	U	53	73.3	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	73.3	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	73.3	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	73.3	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.467		15-120		18	SPK: -8
7291-22-7	Pyridine-d5	8.63		20-120		22	SPK: -40
4165-62-2	Phenol-d5	11.983		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.383		10-150		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.285		15-120		28	SPK: -40
190780-66-6	4-Methylphenol-d8	13.923		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	10.701		10-135		27	SPK: -40
93951-78-1	2-Nitrophenol-d4	5.087		10-120		13	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.089		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.278		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.997		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	15.049		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.906		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	15.185		20-140		38	SPK: -40

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S0	SDG No.:	BP121324
Lab Sample ID:	P5232-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023420.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	17.814		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	18.143		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.592		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	142214	7.534				
1146-65-2	Naphthalene-d8	520068	10.275				
15067-26-2	Acenaphthene-d10	353209	14.145				
1517-22-2	Phenanthrene-d10	742993	16.957				
1719-03-5	Chrysene-d12	764660	21.374				
1520-96-3	Perylene-d12	849312	24.551				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	14.045				14.045	
	(DEL) Alkane: Straight-Chain	15.010				15.01	
	(DEL) Alkane: Straight-Chain	15.422				15.422	
000119-61-9	Benzophenone	310	J			15.539	
	(DEL) Alkane: Straight-Chain	15.898				15.898	
	(DEL) Alkane: Straight-Chain	16.704				16.704	
	(DEL) Alkane: Straight-Chain	16.751				16.751	
	(DEL) Alkane: Straight-Chain	17.381				17.381	
	(DEL) Alkane: Straight-Chain	17.463				17.463	
000057-10-3	n-Hexadecanoic acid	550	J			17.886	
	(DEL) Alkane: Straight-Chain	18.851				18.851	
1000309-38-1	Oxalic acid, isobutyl hexadecyl es	420	J			21.051	
E966796	Total Alkanes	2700				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M0RX	SDG No.:	BP121324
Lab Sample ID:	P5066-01RX	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
Sample Wt/Vol:	1.02	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023421.D	1	12/13/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	280	U	280	210	2100	ug/Kg
100-52-7	Benzaldehyde	1500	U	1500	2600	11000	ug/Kg
110-86-1	Pyridine	1800	U	1800	5200	11000	ug/Kg
108-95-2	Phenol	1300	U	1300	2600	11000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200	U	1200	2600	11000	ug/Kg
95-57-8	2-Chlorophenol	820	U	820	1300	5300	ug/Kg
95-48-7	2-Methylphenol	920	U	920	2600	11000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100	U	2100	2600	11000	ug/Kg
98-86-2	Acetophenone	1000	U	1000	2600	11000	ug/Kg
106-44-5	4-Methylphenol	900	U	900	2600	11000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1800	U	1800	1300	5300	ug/Kg
67-72-1	Hexachloroethane	510	U	510	1300	5300	ug/Kg
98-95-3	Nitrobenzene	990	U	990	1300	5300	ug/Kg
78-59-1	Isophorone	1200	U	1200	1300	5300	ug/Kg
88-75-5	2-Nitrophenol	740	U	740	1300	5300	ug/Kg
105-67-9	2,4-Dimethylphenol	750	U	750	1300	5300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1300	5300	ug/Kg
120-83-2	2,4-Dichlorophenol	670	U	670	1300	5300	ug/Kg
91-20-3	Naphthalene	740	U	740	1300	5300	ug/Kg
106-47-8	4-Chloroaniline	590	U	590	1300	11000	ug/Kg
87-68-3	Hexachlorobutadiene	1500	U	1500	1300	5300	ug/Kg
105-60-2	Caprolactam	2900	U	2900	2600	11000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400	U	1400	1300	5300	ug/Kg
90-12-0	1-Methylnaphthalene	1300	U	1300	1300	5300	ug/Kg
91-57-6	2-Methylnaphthalene	670	U	670	1300	5300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2800	U	2800	2600	11000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300	U	1300	1300	5300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	800	U	800	1300	5300	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M0RX	SDG No.:	BP121324
Lab Sample ID:	P5066-01RX	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023421.D	1	12/13/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	740	U	740	1300	5300	ug/Kg
91-58-7	2-Chloronaphthalene	740	U	740	1300	5300	ug/Kg
88-74-4	2-Nitroaniline	1700	U	1700	1300	5300	ug/Kg
131-11-3	Dimethylphthalate	770	U	770	1300	5300	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400	U	1400	1300	5300	ug/Kg
208-96-8	Acenaphthylene	830	U	830	1300	5300	ug/Kg
99-09-2	3-Nitroaniline	900	U	900	2600	11000	ug/Kg
83-32-9	Acenaphthene	860	U	860	1300	5300	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	U	3100	2600	11000	ug/Kg
100-02-7	4-Nitrophenol	1200	U	1200	2600	11000	ug/Kg
132-64-9	Dibenzofuran	760	U	760	1300	5300	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	U	1000	1300	5300	ug/Kg
84-66-2	Diethylphthalate	860	U	860	1300	5300	ug/Kg
86-73-7	Fluorene	750	U	750	1300	5300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	750	U	750	1300	5300	ug/Kg
100-01-6	4-Nitroaniline	810	U	810	2600	11000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2300	U	2300	2600	11000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	770	U	770	1300	5300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	670	U	670	1300	5300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	750	U	750	1300	5300	ug/Kg
118-74-1	Hexachlorobenzene	850	U	850	1300	5300	ug/Kg
1912-24-9	Atrazine	2100	U	2100	2600	11000	ug/Kg
87-86-5	Pentachlorophenol	1900	U	1900	2600	11000	ug/Kg
85-01-8	Phenanthrene	3600	J	880	1300	5300	ug/Kg
608-93-5	Pentachlorobenzene	1700	U	1700	1300	5300	ug/Kg
120-12-7	Anthracene	720	U	720	1300	5300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1800	U	1800	1300	5300	ug/Kg
86-74-8	Carbazole	640	U	640	2600	11000	ug/Kg
84-74-2	Di-n-butylphthalate	1600	U	1600	1300	5300	ug/Kg
206-44-0	Fluoranthene	1500	J	1500	2600	5300	ug/Kg

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M0RX	SDG No.:	BP121324
Lab Sample ID:	P5066-01RX	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023421.D	1	12/13/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500	J	1200	1300	5300	ug/Kg
85-68-7	Butylbenzylphthalate	2500	U	2500	1300	5300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700	U	1700	2600	11000	ug/Kg
56-55-3	Benzo(a)anthracene	580	U	580	1300	5300	ug/Kg
218-01-9	Chrysene	820	U	820	1300	5300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2700	U	2700	1300	5300	ug/Kg
117-84-0	Di-n-octyl phthalate	2800	U	2800	2600	11000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200	U	1200	1300	5300	ug/Kg
207-08-9	Benzo(k)fluoranthene	810	U	810	1300	5300	ug/Kg
50-32-8	Benzo(a)pyrene	1200	U	1200	1300	5300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	960	U	960	1300	5300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	810	U	810	1300	5300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	970	U	970	1300	5300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000	U	1000	1300	5300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.441		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	11.59		20-120		29	SPK: -40
4165-62-2	Phenol-d5	12.998		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.63		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.582		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	14.33		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	16.578		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	3.676	*	10-120		9	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.671		10-140		24	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.042		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.792		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	17.024		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	16.439		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M0RX	SDG No.:	BP121324
Lab Sample ID:	P5066-01RX	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023421.D	1	12/13/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2		U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	18.709		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	17.375		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.4		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	117977	7.534				
1146-65-2	Naphthalene-d8	442991	10.275				
15067-26-2	Acenaphthene-d10	318283	14.134				
1517-22-2	Phenanthrene-d10	687831	16.939				
1719-03-5	Chrysene-d12	737505	21.38				
1520-96-3	Perylene-d12	851467	24.563				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain11.687	11000	J			11.687	
	(DEL) Alkane: Straight-Chain12.652	2500	J			12.652	
	(DEL) Alkane: Straight-Chain12.946	7100	J			12.946	
000581-40-8	Naphthalene, 2,3-dimethyl-	2200	J			13.451	
	(DEL) Alkane: Straight-Chain13.610	3200	J			13.61	
	(DEL) Alkane: Straight-Chain14.034	6300	J			14.034	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	2400	J			14.928	
	(DEL) Alkane: Straight-Chain15.004	4100	J			15.004	
	(DEL) Alkane: Straight-Chain15.416	3200	J			15.416	
000119-61-9	Benzophenone	4100	J			15.522	
	(DEL) Alkane: Straight-Chain15.887	7900	J			15.887	
	(DEL) Alkane: Straight-Chain16.704	3400	J			16.704	
	(DEL) Alkane: Straight-Chain16.757	4400	J			16.757	
	(DEL) Alkane: Straight-Chain17.463	5800	J			17.463	
	(DEL) Alkane: Straight-Chain18.186	8700	J			18.186	
	(DEL) Alkane: Straight-Chain18.669	8400	J			18.669	
	(DEL) Alkane: Straight-Chain18.851	7600	J			18.851	

Report of Analysis

Client:		Date Collected:	12/2/2024 12:00:00 AM
Project:		Date Received:	12/2/2024 12:00:00 AM
Client Sample ID:	E28M0RX	SDG No.:	BP121324
Lab Sample ID:	P5066-01RX	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.9
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023421.D	1	12/13/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain19.016	4700	J			19.016	
	(DEL) Alkane: Straight-Chain19.639	14000	J			19.639	
	(DEL) Alkane: Straight-Chain20.210	8400	J			20.21	
	(DEL) Alkane: Straight-Chain21.227	24000	J			21.227	
	(DEL) Alkane: Straight-Chain21.904	22000	J			21.904	
1000156-09-4	Tetrapentacontane, 1,54-dibromo-	21000	J			25.127	
	(DEL) Alkane: Cyclic26.604	10000	J			26.604	
006938-66-5	1-Bromodocosane	8000	J			30.539	
E966796	Total Alkanes	170000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S3	SDG No.:	BP121324
Lab Sample ID:	P5232-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.3
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
BP023422.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

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
100-52-7	Benzaldehyde	59	U	59	110	430	ug/Kg
110-86-1	Pyridine	43	U	43	220	430	ug/Kg
108-95-2	Phenol	56	U	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	55.4	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	55.4	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	55.4	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	55.4	220	ug/Kg
78-59-1	Isophorone	63	U	63	55.4	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	55.4	220	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	55.4	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	55.4	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	55.4	220	ug/Kg
91-20-3	Naphthalene	33	U	33	55.4	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	55.4	430	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	55.4	220	ug/Kg
105-60-2	Caprolactam	94	U	94	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	64	U	64	55.4	220	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	55.4	220	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	55.4	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	64	U	64	55.4	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	55.4	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S3	SDG No.:	BP121324
Lab Sample ID:	P5232-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.3
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
BP023422.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	55.4	220	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	55.4	220	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	55.4	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	55.4	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	57	55.4	220	ug/Kg
208-96-8	Acenaphthylene	42	U	42	55.4	220	ug/Kg
99-09-2	3-Nitroaniline	57	U	57	110	430	ug/Kg
83-32-9	Acenaphthene	38	U	38	55.4	220	ug/Kg
51-28-5	2,4-Dinitrophenol	63	U	63	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	42	U	42	55.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56	U	56	55.4	220	ug/Kg
84-66-2	Diethylphthalate	39	U	39	55.4	220	ug/Kg
86-73-7	Fluorene	33	U	33	55.4	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.4	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	55.4	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	55.4	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	55.4	220	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	55.4	220	ug/Kg
1912-24-9	Atrazine	93	U	93	110	430	ug/Kg
87-86-5	Pentachlorophenol	96	U	96	110	430	ug/Kg
85-01-8	Phenanthrene	38	U	38	55.4	220	ug/Kg
608-93-5	Pentachlorobenzene	68	U	68	55.4	220	ug/Kg
120-12-7	Anthracene	33	U	33	55.4	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	65	U	65	55.4	220	ug/Kg
86-74-8	Carbazole	37	U	37	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	80	U	80	55.4	220	ug/Kg
206-44-0	Fluoranthene	70	U	70	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S3	SDG No.:	BP121324
Lab Sample ID:	P5232-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023422.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	64	U	64	55.4	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	55.4	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	35	U	35	55.4	220	ug/Kg
218-01-9	Chrysene	40	U	40	55.4	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	55.4	220	ug/Kg
117-84-0	Di-n-octyl phthalate	99	U	99	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	55.4	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	55.4	220	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	55.4	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	55.4	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	55.4	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	55.4	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	55.4	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.127		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	11.617		20-120		29	SPK: -40
4165-62-2	Phenol-d5	15.106		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.855		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.195		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	10.947		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	13.74		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.658		10-120		34	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.557		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.873		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.122		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	13.576		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.127		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	12.691		20-140		32	SPK: -40

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S3	SDG No.:	BP121324
Lab Sample ID:	P5232-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023422.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.029	*	10-130		3	SPK: -40
1719-06-8	Anthracene-d10	14.005		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	13.013		10-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.426		10-140		26	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	126052	7.534				
1146-65-2	Naphthalene-d8	496179	10.281				
15067-26-2	Acenaphthene-d10	384994	14.151				
1517-22-2	Phenanthrene-d10	841330	16.957				
1719-03-5	Chrysene-d12	763002	21.375				
1520-96-3	Perylene-d12	872921	24.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	260	J			15.54	
000373-49-9	Palmitoleic acid	190	J			17.834	
000057-10-3	n-Hexadecanoic acid	520	J			17.892	
000057-11-4	Octadecanoic acid	120	J			19.233	
	(DEL) Alkane: Cyclic19.357	160	J			19.357	
1000406-34-9	Dotriacontyl isopropyl ether	99	J			21.022	
	(DEL) Alkane: Straight-Chain21.045	290	J			21.045	
	(DEL) Alkane: Straight-Chain23.051	180	J			23.051	
1000156-09-4	Tetrapentacontane, 1,54-dibromo-	88	J			23.216	
E966796	Total Alkanes	630				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S8	SDG No.:	BP121324
Lab Sample ID:	P5232-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023423.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

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
100-52-7	Benzaldehyde	59	U	59	110	430	ug/Kg
110-86-1	Pyridine	43	U	43	220	430	ug/Kg
108-95-2	Phenol	56	U	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	55.5	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	67	U	67	55.5	220	ug/Kg
67-72-1	Hexachloroethane	24	U	24	55.5	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	55.5	220	ug/Kg
78-59-1	Isophorone	63	U	63	55.5	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	55.5	220	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	55.5	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	55.5	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	55.5	220	ug/Kg
91-20-3	Naphthalene	33	U	33	55.5	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	55.5	430	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	55.5	220	ug/Kg
105-60-2	Caprolactam	94	U	94	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	64	U	64	55.5	220	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	55.5	220	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	55.5	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	64	U	64	55.5	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	55.5	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S8	SDG No.:	BP121324
Lab Sample ID:	P5232-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023423.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	55.5	220	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	55.5	220	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	55.5	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	55.5	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	57	U	57	55.5	220	ug/Kg
208-96-8	Acenaphthylene	42	U	42	55.5	220	ug/Kg
99-09-2	3-Nitroaniline	57	U	57	110	430	ug/Kg
83-32-9	Acenaphthene	38	U	38	55.5	220	ug/Kg
51-28-5	2,4-Dinitrophenol	63	U	63	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	42	U	42	55.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56	U	56	55.5	220	ug/Kg
84-66-2	Diethylphthalate	39	U	39	55.5	220	ug/Kg
86-73-7	Fluorene	33	U	33	55.5	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.5	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	55.5	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	55.5	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	55.5	220	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	55.5	220	ug/Kg
1912-24-9	Atrazine	93	U	93	110	430	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	110	430	ug/Kg
85-01-8	Phenanthrene	38	U	38	55.5	220	ug/Kg
608-93-5	Pentachlorobenzene	68	U	68	55.5	220	ug/Kg
120-12-7	Anthracene	33	U	33	55.5	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	65	U	65	55.5	220	ug/Kg
86-74-8	Carbazole	37	U	37	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	80	U	80	55.5	220	ug/Kg
206-44-0	Fluoranthene	71	U	71	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S8	SDG No.:	BP121324
Lab Sample ID:	P5232-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.7
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
BP023423.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	64	U	64	55.5	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	55.5	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	35	U	35	55.5	220	ug/Kg
218-01-9	Chrysene	40	U	40	55.5	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	480		130	55.5	220	ug/Kg
117-84-0	Di-n-octyl phthalate	99	U	99	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	55.5	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	55.5	220	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	55.5	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	55.5	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	55.5	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	55.5	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	55.5	220	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	11.671		20-120		29	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.398		15-120		30	SPK: -8
4165-62-2	Phenol-d5	16.128		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.866		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.676		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	15.019		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	16.552		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.272		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.029		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.599		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.511		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	15.949		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.429		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	14.062		20-140		35	SPK: -40

Report of Analysis

Client:		Date Collected:	12/6/2024 12:00:00 AM
Project:		Date Received:	12/6/2024 12:00:00 AM
Client Sample ID:	E28S8	SDG No.:	BP121324
Lab Sample ID:	P5232-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023423.D	1	12/11/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165551

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.683	*	10-130		9	SPK: -40
1719-06-8	Anthracene-d10	14.462		10-150		36	SPK: -40
1718-52-1	Pyrene-d10	12.464		10-130		31	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.166		10-140		25	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	120669	7.534				
1146-65-2	Naphthalene-d8	429007	10.281				
15067-26-2	Acenaphthene-d10	300857	14.139				
1517-22-2	Phenanthrene-d10	687638	16.951				
1719-03-5	Chrysene-d12	751328	21.374				
1520-96-3	Perylene-d12	846372	24.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	490	J			15.534	
000373-49-9	Palmitoleic acid	320	J			17.822	
000057-10-3	n-Hexadecanoic acid	770	J			17.88	
000057-11-4	Octadecanoic acid	160	J			19.216	
	(DEL) Alkane: Straight-Chain	21.051	J			21.051	
E966796	Total Alkanes	180				99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SLCS481	SDG No.:	BP121324
Lab Sample ID:	PB165481BS	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
BP023424.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	290		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	220	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	840		33	170	330	ug/Kg
108-95-2	Phenol	1000		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	910		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	990		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1000		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	920		60	82.5	330	ug/Kg
98-86-2	Acetophenone	900		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1000		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	900		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	860		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	900		31	42.5	170	ug/Kg
78-59-1	Isophorone	930		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	910		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	970		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	920		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		16	42.5	170	ug/Kg
91-20-3	Naphthalene	920		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	720		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	870		44	42.5	170	ug/Kg
105-60-2	Caprolactam	1000		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	880		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	900		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	360		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SLCS481	SDG No.:	BP121324
Lab Sample ID:	PB165481BS	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
BP023424.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	890		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	910		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1000		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	900		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	970		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	920		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1100		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	910		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	220	J	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	750		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	890		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	920		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	900		30	42.5	170	ug/Kg
86-73-7	Fluorene	910		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	880		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1200		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	330		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	980		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	880		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	980		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	940		32	42.5	170	ug/Kg
1912-24-9	Atrazine	990		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1100		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	970		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	970		52	42.5	170	ug/Kg
120-12-7	Anthracene	980		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	960		50	42.5	170	ug/Kg
86-74-8	Carbazole	1000		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	980		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	1000		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SLCS481	SDG No.:	BP121324
Lab Sample ID:	PB165481BS	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
BP023424.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	990		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	840		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	930		27	42.5	170	ug/Kg
218-01-9	Chrysene	890		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	990		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	900		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	940		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	930		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	960		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	970		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	970		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	990		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.077		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	24.828		20-120		62	SPK: -40
4165-62-2	Phenol-d5	28.98		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.927		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.276		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	28.62		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	27.584		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.744		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.671		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.315		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.576		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.492		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.018		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	25.694		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	12/9/2024 12:00:00 AM
Project:		Date Received:	12/9/2024 12:00:00 AM
Client Sample ID:	SLCS481	SDG No.:	BP121324
Lab Sample ID:	PB165481BS	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
BP023424.D	1	12/9/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165481

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.702		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	28.122		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	28.451		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.5		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111054	7.54				
1146-65-2	Naphthalene-d8	422334	10.281				
15067-26-2	Acenaphthene-d10	332804	14.151				
1517-22-2	Phenanthrene-d10	771845	16.951				
1719-03-5	Chrysene-d12	819602	21.375				
1520-96-3	Perylene-d12	906315	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SLCS624	SDG No.:	BP121324
Lab Sample ID:	PB165624BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023425.D	1	12/13/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9200		270	200	2000	ug/Kg
100-52-7	Benzaldehyde	23000		1400	2500	10000	ug/Kg
110-86-1	Pyridine	27000		1700	5000	10000	ug/Kg
108-95-2	Phenol	30000		1200	2500	10000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	30000		1100	2500	10000	ug/Kg
95-57-8	2-Chlorophenol	30000		780	1300	5000	ug/Kg
95-48-7	2-Methylphenol	29000		870	2500	10000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30000		2000	2500	10000	ug/Kg
98-86-2	Acetophenone	28000		970	2500	10000	ug/Kg
106-44-5	4-Methylphenol	29000		850	2500	10000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	28000		1700	1300	5000	ug/Kg
67-72-1	Hexachloroethane	28000		480	1300	5000	ug/Kg
98-95-3	Nitrobenzene	30000		940	1300	5000	ug/Kg
78-59-1	Isophorone	30000		1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	29000		700	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	24000		710	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	30000		1300	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	30000		640	1300	5000	ug/Kg
91-20-3	Naphthalene	30000		700	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	24000		560	1300	10000	ug/Kg
87-68-3	Hexachlorobutadiene	29000		1400	1300	5000	ug/Kg
105-60-2	Caprolactam	29000		2800	2500	10000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	29000		1300	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	28000		1200	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	28000		640	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	15000		2700	2500	10000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31000		1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	32000		760	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SLCS624	SDG No.:	BP121324
Lab Sample ID:	PB165624BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023425.D	1	12/13/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31000		700	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	31000		700	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	32000		1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	29000		730	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	32000		1300	1300	5000	ug/Kg
208-96-8	Acenaphthylene	31000		790	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	33000		850	2500	10000	ug/Kg
83-32-9	Acenaphthene	29000		820	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	11000		2900	2500	10000	ug/Kg
100-02-7	4-Nitrophenol	32000		1100	2500	10000	ug/Kg
132-64-9	Dibenzofuran	29000		720	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	28000		970	1300	5000	ug/Kg
84-66-2	Diethylphthalate	28000		820	1300	5000	ug/Kg
86-73-7	Fluorene	29000		710	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29000		710	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	38000		770	2500	10000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18000		2200	2500	10000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	34000		730	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31000		640	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33000		710	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	31000		810	1300	5000	ug/Kg
1912-24-9	Atrazine	13000		2000	2500	10000	ug/Kg
87-86-5	Pentachlorophenol	30000		1800	2500	10000	ug/Kg
85-01-8	Phenanthrene	33000		840	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	33000		1600	1300	5000	ug/Kg
120-12-7	Anthracene	33000		680	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37000		1700	1300	5000	ug/Kg
86-74-8	Carbazole	34000		610	2500	10000	ug/Kg
84-74-2	Di-n-butylphthalate	33000		1500	1300	5000	ug/Kg
206-44-0	Fluoranthene	33000		1400	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SLCS624	SDG No.:	BP121324
Lab Sample ID:	PB165624BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023425.D	1	12/13/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	32000		1100	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	33000		2400	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29000		1600	2500	10000	ug/Kg
56-55-3	Benzo(a)anthracene	30000		550	1300	5000	ug/Kg
218-01-9	Chrysene	29000		780	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32000		2600	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	33000		2700	2500	10000	ug/Kg
205-99-2	Benzo(b)fluoranthene	31000		1100	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	30000		770	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	29000		1100	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31000		910	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32000		770	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	31000		920	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27000		970	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.256		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	27.612		20-120		69	SPK: -40
4165-62-2	Phenol-d5	31.032		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.277		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.565		15-120		79	SPK: -40
190780-66-6	4-Methylphenol-d8	30.087		10-140		75	SPK: -40
4165-60-0	Nitrobenzene-d5	31.996		10-135		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.52		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.888		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.891		1-145		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.444		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	31.926		15-120		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.858		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	30.484		20-140		76	SPK: -40

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SLCS624	SDG No.:	BP121324
Lab Sample ID:	PB165624BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023425.D	1	12/13/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.153		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	34.036		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	32.988		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.473		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129559	7.54				
1146-65-2	Naphthalene-d8	474237	10.281				
15067-26-2	Acenaphthene-d10	332754	14.151				
1517-22-2	Phenanthrene-d10	711237	16.951				
1719-03-5	Chrysene-d12	805458	21.38				
1520-96-3	Perylene-d12	876384	24.539				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	700	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SBLK624	SDG No.:	BP121324
Lab Sample ID:	PB165624BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023426.D	1	12/13/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	270	U	270	200	2000	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2500	9900	ug/Kg
110-86-1	Pyridine	1700	U	1700	4900	9900	ug/Kg
108-95-2	Phenol	1200	U	1200	2500	9900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2500	9900	ug/Kg
95-57-8	2-Chlorophenol	770	U	770	1300	5000	ug/Kg
95-48-7	2-Methylphenol	860	U	860	2500	9900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2500	9900	ug/Kg
98-86-2	Acetophenone	960	U	960	2500	9900	ug/Kg
106-44-5	4-Methylphenol	840	U	840	2500	9900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1700	U	1700	1300	5000	ug/Kg
67-72-1	Hexachloroethane	480	U	480	1300	5000	ug/Kg
98-95-3	Nitrobenzene	930	U	930	1300	5000	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	690	U	690	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	700	U	700	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	630	U	630	1300	5000	ug/Kg
91-20-3	Naphthalene	690	U	690	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	550	U	550	1300	9900	ug/Kg
87-68-3	Hexachlorobutadiene	1400	U	1400	1300	5000	ug/Kg
105-60-2	Caprolactam	2800	U	2800	2500	9900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	630	U	630	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	U	2700	2500	9900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	750	U	750	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SBLK624	SDG No.:	BP121324
Lab Sample ID:	PB165624BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023426.D	1	12/13/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	690	U	690	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	690	U	690	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	720	U	720	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300	U	1300	1300	5000	ug/Kg
208-96-8	Acenaphthylene	780	U	780	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	840	U	840	2500	9900	ug/Kg
83-32-9	Acenaphthene	810	U	810	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	2900	2500	9900	ug/Kg
100-02-7	4-Nitrophenol	1100	U	1100	2500	9900	ug/Kg
132-64-9	Dibenzofuran	710	U	710	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	960	U	960	1300	5000	ug/Kg
84-66-2	Diethylphthalate	810	U	810	1300	5000	ug/Kg
86-73-7	Fluorene	700	U	700	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	700	U	700	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	760	U	760	2500	9900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200	U	2200	2500	9900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	720	U	720	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	630	U	630	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	700	U	700	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	800	U	800	1300	5000	ug/Kg
1912-24-9	Atrazine	2000	U	2000	2500	9900	ug/Kg
87-86-5	Pentachlorophenol	1800	U	1800	2500	9900	ug/Kg
85-01-8	Phenanthrene	830	U	830	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1300	5000	ug/Kg
120-12-7	Anthracene	670	U	670	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	1300	5000	ug/Kg
86-74-8	Carbazole	600	U	600	2500	9900	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1300	5000	ug/Kg
206-44-0	Fluoranthene	1400	U	1400	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SBLK624	SDG No.:	BP121324
Lab Sample ID:	PB165624BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023426.D	1	12/13/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	2400	U	2400	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600	U	1600	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	540	U	540	1300	5000	ug/Kg
218-01-9	Chrysene	770	U	770	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2600	U	2600	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	2700	U	2700	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	760	U	760	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900	U	900	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760	U	760	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	910	U	910	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	960	U	960	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.889		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	28.136		20-120		70	SPK: -40
4165-62-2	Phenol-d5	31.408		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.633		10-150		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.253		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	31.301		10-140		78	SPK: -40
4165-60-0	Nitrobenzene-d5	31.304		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.483		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.486		10-140		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.256		1-145		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.959		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	31.172		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.906		10-150		85	SPK: -40
81103-79-9	Fluorene-d10	31.145		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	12/13/2024 12:00:00 AM
Project:		Date Received:	12/13/2024 12:00:00 AM
Client Sample ID:	SBLK624	SDG No.:	BP121324
Lab Sample ID:	PB165624BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023426.D	1	12/13/2024 12:00:00 AM	12/13/2024 12:00:00 AM	PB165624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.272		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	35.122		10-150		88	SPK: -40
1718-52-1	Pyrene-d10	35.649		10-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.661		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109729	7.534				
1146-65-2	Naphthalene-d8	423454	10.281				
15067-26-2	Acenaphthene-d10	338585	14.151				
1517-22-2	Phenanthrene-d10	783437	16.951				
1719-03-5	Chrysene-d12	820606	21.363				
1520-96-3	Perylene-d12	879488	24.527				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	690	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP121324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E28M0RX								
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Cyclic26.604	* 10,000.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain11.6	* 11,000.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain12.6	* 2,500.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain12.9	* 7,100.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain13.6	* 3,200.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain14.6	* 6,300.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain15.6	* 4,100.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain15.9	* 3,200.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain15.9	* 7,900.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain16.7	* 3,400.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain16.7	* 4,400.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain17.4	* 5,800.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain18.1	* 8,700.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain18.6	* 8,400.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain18.9	* 7,600.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain19.6	* 4,700.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain19.6	* 14,000.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain20.2	* 8,400.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain21.2	* 24,000.000	J			
P5066-01RX	E28M0RX	Solid	(DEL) Alkane: Straight-Chain21.9	* 22,000.000	J			
P5066-01RX	E28M0RX	Solid	1-Bromodocosane	* 8,000.000	J			
P5066-01RX	E28M0RX	Solid	Benzophenone	* 4,100.000	J			
P5066-01RX	E28M0RX	Solid	Naphthalene, 1,6,7-trimethyl-	* 2,400.000	J			
P5066-01RX	E28M0RX	Solid	Naphthalene, 2,3-dimethyl-	* 2,200.000	J			
P5066-01RX	E28M0RX	Solid	Tetrapentacontane, 1,54-dibromo-	* 21,000.000	J			
P5066-01RX	E28M0RX	Solid	Total Alkanes	* 170,000.000		740	5300	ug/Kg
Total Tics :				374,400.00				
P5066-01RX	E28M0RX	Solid	Fluoranthene	1,500.000	J	1500	5300	ug/Kg
P5066-01RX	E28M0RX	Solid	Phenanthrene	3,600.000	J	880	5300	ug/Kg
P5066-01RX	E28M0RX	Solid	Pyrene	1,500.000	J	1200	5300	ug/Kg
Total Svoc :				6,600.00				
Total Concentration:				381,000.00				
Client ID : E28R3								
P5153-20	E28R3	Solid	(DEL) Alkane: Straight-Chain21.6	* 930.000	J			
P5153-20	E28R3	Solid	(DEL) Alkane: Straight-Chain22.1	* 320.000	J			
P5153-20	E28R3	Solid	(DEL) Alkane: Straight-Chain23.6	* 1,100.000	J			
P5153-20	E28R3	Solid	(DEL) Alkane: Straight-Chain23.7	* 1,900.000	J			

Hit Summary Sheet SW-846

SDG No.: BP121324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5153-20	E28R3	Solid	(DEL) Alkane: Straight-Chain25.1	*	2,900.000	J		
P5153-20	E28R3	Solid	(E)-Hexadec-9-enoic acid	*	250.000	J		
P5153-20	E28R3	Solid	.beta.-Sitosterol	*	180.000	J		
P5153-20	E28R3	Solid	.gamma.-Sitosterol	*	200.000	J		
P5153-20	E28R3	Solid	1-Heneicosanol	*	390.000	J		
P5153-20	E28R3	Solid	9,10-Anthracenedione, 1,8-dihydr	*	110.000	J		
P5153-20	E28R3	Solid	Benzoic acid	*	110.000	J		
P5153-20	E28R3	Solid	Benzophenone	*	240.000	J		
P5153-20	E28R3	Solid	Benzyl alcohol	*	94.000	J		
P5153-20	E28R3	Solid	cis-7-Hexadecenoic acid	*	760.000	J		
P5153-20	E28R3	Solid	n-Hexadecanoic acid	*	1,400.000	J		
P5153-20	E28R3	Solid	Octacosanal	*	330.000	J		
P5153-20	E28R3	Solid	Octadecanal	*	150.000	J		
P5153-20	E28R3	Solid	Octadecanoic acid	*	320.000	J		
P5153-20	E28R3	Solid	Oxirane, heptadecyl-	*	300.000	J		
P5153-20	E28R3	Solid	Pentadecanoic acid	*	160.000	J		
P5153-20	E28R3	Solid	Tetracosanoic acid	*	280.000	J		
P5153-20	E28R3	Solid	Total Alkanes	*	7,200.000	J	31	220 ug/Kg
Total Tics :					19,624.00			
P5153-20	E28R3	Solid	2-Methylnaphthalene		74.000	J	30	220 ug/Kg
P5153-20	E28R3	Solid	Benzo(a)anthracene		170.000	J	35	220 ug/Kg
P5153-20	E28R3	Solid	Benzo(a)pyrene		290.000		41	220 ug/Kg
P5153-20	E28R3	Solid	Benzo(b)fluoranthene		390.000		42	220 ug/Kg
P5153-20	E28R3	Solid	Benzo(g,h,i)perylene		300.000		33	220 ug/Kg
P5153-20	E28R3	Solid	Benzo(k)fluoranthene		120.000	J	49	220 ug/Kg
P5153-20	E28R3	Solid	Chrysene		230.000		40	220 ug/Kg
P5153-20	E28R3	Solid	Dibenzo(a,h)anthracene		58.000	J	36	220 ug/Kg
P5153-20	E28R3	Solid	Fluoranthene		220.000		69	220 ug/Kg
P5153-20	E28R3	Solid	Indeno(1,2,3-cd)pyrene		210.000	J	40	220 ug/Kg
P5153-20	E28R3	Solid	Naphthalene		120.000	J	32	220 ug/Kg
P5153-20	E28R3	Solid	Phenanthrene		160.000	J	37	220 ug/Kg
P5153-20	E28R3	Solid	Phenol		84.000	J	55	420 ug/Kg
P5153-20	E28R3	Solid	Pyrene		220.000		63	220 ug/Kg
Total Svoc :					2,646.00			
Total Concentration:					22,270.00			
Client ID : E28R7								
P5232-03	E28R7	Solid	(DEL) Alkane: Straight-Chain21.1	*	360.000	J		
P5232-03	E28R7	Solid	6-Octadecenoic acid	*	120.000	J		
P5232-03	E28R7	Solid	Benzophenone	*	300.000	J		
P5232-03	E28R7	Solid	Dibenz(a,e)aceanthrylene	*	120.000	J		

Hit Summary Sheet

SW-846

SDG No.: BP121324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5232-03	E28R7	Solid	Hexadecenoic acid, Z-11-	*	110.000	J		
P5232-03	E28R7	Solid	n-Hexadecanoic acid	*	790.000	J		
P5232-03	E28R7	Solid	Octadecanoic acid	*	140.000	J		
P5232-03	E28R7	Solid	Supraene	*	1,000.000	J		
P5232-03	E28R7	Solid	Total Alkanes	*	360.000	28	200	ug/Kg
Total Tics :					3,300.00			
Total Concentration:					3,300.00			
Client ID : E28S0								
P5232-06	E28S0	Solid	(DEL) Alkane: Straight-Chain14.(	*	180.000	J		
P5232-06	E28S0	Solid	(DEL) Alkane: Straight-Chain15.(	*	220.000	J		
P5232-06	E28S0	Solid	(DEL) Alkane: Straight-Chain15.4	*	340.000	J		
P5232-06	E28S0	Solid	(DEL) Alkane: Straight-Chain15.8	*	380.000	J		
P5232-06	E28S0	Solid	(DEL) Alkane: Straight-Chain16.7	*	230.000	J		
P5232-06	E28S0	Solid	(DEL) Alkane: Straight-Chain16.7	*	770.000	J		
P5232-06	E28S0	Solid	(DEL) Alkane: Straight-Chain17.1	*	170.000	J		
P5232-06	E28S0	Solid	(DEL) Alkane: Straight-Chain17.4	*	290.000	J		
P5232-06	E28S0	Solid	(DEL) Alkane: Straight-Chain18.8	*	140.000	J		
P5232-06	E28S0	Solid	Benzophenone	*	310.000	J		
P5232-06	E28S0	Solid	n-Hexadecanoic acid	*	550.000	J		
P5232-06	E28S0	Solid	Oxalic acid, isobutyl hexadecyl es	*	420.000	J		
P5232-06	E28S0	Solid	Total Alkanes	*	2,700.000	41	290	ug/Kg
Total Tics :					6,700.00			
P5232-06	E28S0	Solid	Phenol		88.000	J 74	570	ug/Kg
Total Svoc :					88.00			
Total Concentration:					6,788.00			
Client ID : E28S3								
P5232-09	E28S3	Solid	(DEL) Alkane: Cyclic19.357	*	160.000	J		
P5232-09	E28S3	Solid	(DEL) Alkane: Straight-Chain21.(	*	290.000	J		
P5232-09	E28S3	Solid	(DEL) Alkane: Straight-Chain23.(	*	180.000	J		
P5232-09	E28S3	Solid	Benzophenone	*	260.000	J		
P5232-09	E28S3	Solid	Dotriacontyl isopropyl ether	*	99.000	J		
P5232-09	E28S3	Solid	n-Hexadecanoic acid	*	520.000	J		
P5232-09	E28S3	Solid	Octadecanoic acid	*	120.000	J		
P5232-09	E28S3	Solid	Palmitoleic acid	*	190.000	J		
P5232-09	E28S3	Solid	Tetrapentacontane, 1,54-dibromo-	*	88.000	J		
P5232-09	E28S3	Solid	Total Alkanes	*	630.000	31	220	ug/Kg
Total Tics :					2,537.00			
Total Concentration:					2,537.00			
Client ID : E28S7								

Hit Summary Sheet SW-846

SDG No.: BP121324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P5232-13	E28S7	Solid	(DEL) Alkane: Straight-Chain21.(	*	350.000	J			
P5232-13	E28S7	Solid	(DEL) Alkane: Straight-Chain23.(	*	140.000	J			
P5232-13	E28S7	Solid	(E)-Hexadec-9-enoic acid	*	100.000	J			
P5232-13	E28S7	Solid	Benzophenone	*	1,000.000	J			
P5232-13	E28S7	Solid	cis-7-Hexadecenoic acid	*	1,300.000	J			
P5232-13	E28S7	Solid	Cycloheptane, 4-methylene-1-met	*	240.000	J			
P5232-13	E28S7	Solid	n-Hexadecanoic acid	*	1,900.000	J			
P5232-13	E28S7	Solid	Octadecanoic acid	*	380.000	J			
P5232-13	E28S7	Solid	Phthalic anhydride	*	89.000	J			
P5232-13	E28S7	Solid	Total Alkanes	*	490.000		32	230	ug/Kg
Total Tics :					5,989.00				
P5232-13	E28S7	Solid	Benzo(a)anthracene		46.000	J	36	230	ug/Kg
P5232-13	E28S7	Solid	Benzo(a)pyrene		50.000	J	43	230	ug/Kg
P5232-13	E28S7	Solid	Benzo(b)fluoranthene		85.000	J	44	230	ug/Kg
P5232-13	E28S7	Solid	Benzo(g,h,i)perylene		45.000	J	35	230	ug/Kg
P5232-13	E28S7	Solid	Chrysene		68.000	J	41	230	ug/Kg
P5232-13	E28S7	Solid	Fluoranthene		150.000	J	72	230	ug/Kg
P5232-13	E28S7	Solid	Phenanthrene		49.000	J	39	230	ug/Kg
P5232-13	E28S7	Solid	Phenol		120.000	J	57	440	ug/Kg
P5232-13	E28S7	Solid	Pyrene		110.000	J	65	230	ug/Kg
Total Svoc :					723.00				
Total Concentration:					6,712.00				
Client ID : E28S8									
P5232-14	E28S8	Solid	(DEL) Alkane: Straight-Chain21.(	*	180.000	J			
P5232-14	E28S8	Solid	Benzophenone	*	490.000	J			
P5232-14	E28S8	Solid	n-Hexadecanoic acid	*	770.000	J			
P5232-14	E28S8	Solid	Octadecanoic acid	*	160.000	J			
P5232-14	E28S8	Solid	Palmitoleic acid	*	320.000	J			
P5232-14	E28S8	Solid	Total Alkanes	*	180.000		31	220	ug/Kg
Total Tics :					2,100.00				
P5232-14	E28S8	Solid	Bis(2-ethylhexyl)phthalate		480.000		130	220	ug/Kg
Total Svoc :					480.00				
Total Concentration:					2,580.00				

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
Benzaldehyde		1.074	1.093	0.908	0.792	0.619	0.897	22.2
Pyridine		1.476	1.411	1.440	1.408	1.400	1.427	2.2
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
1,4-Dioxane-d8	0.623	0.597	0.498	0.519	0.479		0.543	11.7
Pyridine-d5		1.447	1.330	1.411	1.400	1.396	1.397	3.0

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.: BP121324 SAS No.: BP121324 SDG NO.: BP121324

EPA Sample No.: SSTD020637 Date Analyzed: Dec 13 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 09:59

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 SBLK551	83237	7.54	301602	10.28	226210	14.14
02 E28R3	124279	7.51	462499	10.26	360511	14.14
03 E28R7	120821	7.53	430212	10.28	299917	14.15
04 E28S7	110388	7.53	427659	10.28	335828	14.14
05 E28S7MS	117125	7.53	416545	10.28	308225	14.15
06 E28S7MSD	116058	7.53	433537	10.28	326081	14.15
07 E28S0	142214	7.53	520068	10.28	353209	14.15
08 E28MORX	117977	7.53	442991	10.28	318283	14.13
09 E28S3	126052	7.53	496179	10.28	384994	14.15
10 E28S8	120669	7.53	429007	10.28	300857	14.14
11 SLCS481	111054	7.54	422334	10.28	332804	14.15
12 SLCS624	129559	7.54	474237	10.28	332754	14.15
13 SBLK624	109729	7.53	423454	10.28	338585	14.15

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.: BP121324 SAS No.: BP121324 SDG NO.: BP121324

EPA Sample No.: SSTD020748 Date Analyzed: Dec 13 2024 12:00AM

Lab File ID: BP023413.D Time Analyzed: 09:59

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	98832	7.534	363364	10.28	261784	14.15
UPPER LIMIT	197664	8.034	726728	10.781	523568	14.645
LOWER LIMIT	49416	7.034	181682	9.781	130892	13.645
EPA SAMPLE NO.						
01 SBLK551	83237	7.54	301602	10.28	226210	14.14
02 E28R3	124279	7.51	462499	10.26	360511	14.14
03 E28R7	120821	7.53	430212	10.28	299917	14.15
04 E28S7	110388	7.53	427659	10.28	335828	14.14
05 E28S7MS	117125	7.53	416545	10.28	308225	14.15
06 E28S7MSD	116058	7.53	433537	10.28	326081	14.15
07 E28S0	142214	7.53	520068	10.28	353209	14.15
08 E28MORX	117977	7.53	442991	10.28	318283	14.13
09 E28S3	126052	7.53	496179	10.28	384994	14.15
10 E28S8	120669	7.53	429007	10.28	300857	14.14
11 SLCS481	111054	7.54	422334	10.28	332804	14.15
12 SLCS624	129559	7.54	474237	10.28	332754	14.15
13 SBLK624	109729	7.53	423454	10.28	338585	14.15

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.: BP121324 SAS No.: BP121324 SDG NO.: BP121324

EPA Sample No.: SSTD020637 Date Analyzed: Dec 13 2024 12:00AM

Lab File ID: BP023323.D Time Analyzed: 09:59

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 SBLK551	545585	16.96	675491	21.37	711664	24.53
02 E28R3	804994	16.95	837602	21.37	941282	24.54
03 E28R7	633549	16.95	695979	21.38	824256	24.55
04 E28S7	776819	16.95	775906	21.37	862091	24.54
05 E28S7MS	701968	16.96	762776	21.37	832042	24.54
06 E28S7MSD	732379	16.95	766367	21.37	821921	24.54
07 E28S0	742993	16.96	764660	21.37	849312	24.55
08 E28M0RX	687831	16.94	737505	21.38	851467	24.56
09 E28S3	841330	16.96	763002	21.38	872921	24.53
10 E28S8	687638	16.95	751328	21.37	846372	24.55
11 SLCS481	771845	16.95	819602	21.38	906315	24.54
12 SLCS624	711237	16.95	805458	21.38	876384	24.54
13 SBLK624	783437	16.95	820606	21.36	879488	24.53

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.: BP121324 SAS No.: BP121324 SDG NO.: BP121324

EPA Sample No.: SSTD020748 Date Analyzed: Dec 13 2024 12:00AM

Lab File ID: BP023413.D Time Analyzed: 09:59

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	597168	16.951	700070	21.369	868702	24.539
UPPER LIMIT	1194336	17.451	1400140	21.869	1737404	25.039
LOWER LIMIT	298584	16.451	350035	20.869	434351	24.039
EPA SAMPLE NO.						
01 SBLK551	545585	16.96	675491	21.37	711664	24.53
02 E28R3	804994	16.95	837602	21.37	941282	24.54
03 E28R7	633549	16.95	695979	21.38	824256	24.55
04 E28S7	776819	16.95	775906	21.37	862091	24.54
05 E28S7MS	701968	16.96	762776	21.37	832042	24.54
06 E28S7MSD	732379	16.95	766367	21.37	821921	24.54
07 E28S0	742993	16.96	764660	21.37	849312	24.55
08 E28M0RX	687831	16.94	737505	21.38	851467	24.56
09 E28S3	841330	16.96	763002	21.38	872921	24.53
10 E28S8	687638	16.95	751328	21.37	846372	24.55
11 SLCS481	771845	16.95	819602	21.38	906315	24.54
12 SLCS624	711237	16.95	805458	21.38	876384	24.54
13 SBLK624	783437	16.95	820606	21.36	879488	24.53

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165481BS	1,4-Dioxane	530	290	ug/Kg	55				0	0		
	Benzaldehyde	1300	220	ug/Kg	17				0	0		
	Pyridine	1300	840	ug/Kg	65				0	0		
	Phenol	1300	1000	ug/Kg	77				0	0		
	Bis(2-chloroethyl)ether	1300	910	ug/Kg	70				0	0		
	2-Chlorophenol	1300	990	ug/Kg	76				0	0		
	2-Methylphenol	1300	1000	ug/Kg	77				0	0		
	2,2-oxybis(1-Chloropropane)	1300	920	ug/Kg	71				0	0		
	Acetophenone	1300	900	ug/Kg	69				0	0		
	4-Methylphenol	1300	1000	ug/Kg	77				0	0		
	N-Nitroso-di-n-propylamine	1300	900	ug/Kg	69				0	0		
	Hexachloroethane	1300	860	ug/Kg	66				0	0		
	Nitrobenzene	1300	900	ug/Kg	69				0	0		
	Isophorone	1300	930	ug/Kg	72				0	0		
	2-Nitrophenol	1300	910	ug/Kg	70				0	0		
	2,4-Dimethylphenol	1300	970	ug/Kg	75				0	0		
	Bis(2-chloroethoxy)methane	1300	920	ug/Kg	71				0	0		
	2,4-Dichlorophenol	1300	1000	ug/Kg	77				0	0		
	Naphthalene	1300	920	ug/Kg	71				0	0		
	4-Chloroaniline	1300	720	ug/Kg	55				0	0		
	Hexachlorobutadiene	1300	870	ug/Kg	67				0	0		
	Caprolactam	1300	1000	ug/Kg	77				0	0		
	4-Chloro-3-methylphenol	1300	1000	ug/Kg	77				0	0		
	1-Methylnaphthalene	1300	880	ug/Kg	68				0	0		
	2-Methylnaphthalene	1300	900	ug/Kg	69				0	0		
	Hexachlorocyclopentadiene	1300	360	ug/Kg	28				0	0		
	2,4,6-Trichlorophenol	1300	1000	ug/Kg	77				0	0		
	2,4,5-Trichlorophenol	1300	1100	ug/Kg	85				0	0		
	1,1'-Biphenyl	1300	890	ug/Kg	68				0	0		
	2-Chloronaphthalene	1300	910	ug/Kg	70				0	0		
	2-Nitroaniline	1300	1000	ug/Kg	77				0	0		
	Dimethylphthalate	1300	900	ug/Kg	69				0	0		
	2,6-Dinitrotoluene	1300	970	ug/Kg	75				0	0		
	Acenaphthylene	1300	920	ug/Kg	71				0	0		
	3-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Acenaphthene	1300	910	ug/Kg	70				0	0		
	2,4-Dinitrophenol	1300	220	ug/Kg	17				0	0		
	4-Nitrophenol	1300	750	ug/Kg	58				0	0		
	Dibenzofuran	1300	890	ug/Kg	68				0	0		
	2,4-Dinitrotoluene	1300	920	ug/Kg	71				0	0		
	Diethylphthalate	1300	900	ug/Kg	69				0	0		
	Fluorene	1300	910	ug/Kg	70				0	0		
	4-Chlorophenyl-phenylether	1300	880	ug/Kg	68				0	0		
	4-Nitroaniline	1300	1200	ug/Kg	92				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165481BS	4,6-Dinitro-2-methylphenol	1300	330	ug/Kg	25				0	0		
	N-Nitrosodiphenylamine	1300	980	ug/Kg	75				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	880	ug/Kg	68				0	0		
	4-Bromophenyl-phenylether	1300	980	ug/Kg	75				0	0		
	Hexachlorobenzene	1300	940	ug/Kg	72				0	0		
	Atrazine	1300	990	ug/Kg	76				0	0		
	Pentachlorophenol	1300	1100	ug/Kg	85				0	0		
	Phenanthrene	1300	970	ug/Kg	75				0	0		
	Pentachlorobenzene	1300	970	ug/Kg	75				0	0		
	Anthracene	1300	980	ug/Kg	75				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	960	ug/Kg	74				0	0		
	Carbazole	1300	1000	ug/Kg	77				0	0		
	Di-n-butylphthalate	1300	980	ug/Kg	75				0	0		
	Fluoranthene	1300	1000	ug/Kg	77				0	0		
	Pyrene	1300	990	ug/Kg	76				0	0		
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0		
	3,3'-Dichlorobenzidine	1300	840	ug/Kg	65				0	0		
	Benzo(a)anthracene	1300	930	ug/Kg	72				0	0		
	Chrysene	1300	890	ug/Kg	68				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1000	ug/Kg	77				0	0		
	Di-n-octylphthalate	1300	990	ug/Kg	76				0	0		
	Benzo(b)fluoranthene	1300	900	ug/Kg	69				0	0		
	Benzo(k)fluoranthene	1300	940	ug/Kg	72				0	0		
	Benzo(a)pyrene	1300	930	ug/Kg	72				0	0		
	Indeno(1,2,3-cd)pyrene	1300	960	ug/Kg	74				0	0		
	Dibenzo(a,h)anthracene	1300	970	ug/Kg	75				0	0		
	Benzo(g,h,i)perylene	1300	970	ug/Kg	75				0	0		
	2,3,4,6-Tetrachlorophenol	1300	990	ug/Kg	76				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165624BS	1,4-Dioxane	16000	9200	ug/Kg	58				0	0		
	Benzaldehyde	40000	23000	ug/Kg	58				0	0		
	Pyridine	40000	27000	ug/Kg	68				0	0		
	Phenol	40000	30000	ug/Kg	75				0	0		
	Bis(2-chloroethyl)ether	40000	30000	ug/Kg	75				0	0		
	2-Chlorophenol	40000	30000	ug/Kg	75				0	0		
	2-Methylphenol	40000	29000	ug/Kg	73				0	0		
	2,2-oxybis(1-Chloropropane)	40000	30000	ug/Kg	75				0	0		
	Acetophenone	40000	28000	ug/Kg	70				0	0		
	4-Methylphenol	40000	29000	ug/Kg	73				0	0		
	N-Nitroso-di-n-propylamine	40000	28000	ug/Kg	70				0	0		
	Hexachloroethane	40000	28000	ug/Kg	70				0	0		
	Nitrobenzene	40000	30000	ug/Kg	75				0	0		
	Isophorone	40000	30000	ug/Kg	75				0	0		
	2-Nitrophenol	40000	29000	ug/Kg	73				0	0		
	2,4-Dimethylphenol	40000	24000	ug/Kg	60				0	0		
	Bis(2-chloroethoxy)methane	40000	30000	ug/Kg	75				0	0		
	2,4-Dichlorophenol	40000	30000	ug/Kg	75				0	0		
	Naphthalene	40000	30000	ug/Kg	75				0	0		
	4-Chloroaniline	40000	24000	ug/Kg	60				0	0		
	Hexachlorobutadiene	40000	29000	ug/Kg	73				0	0		
	Caprolactam	40000	29000	ug/Kg	73				0	0		
	4-Chloro-3-methylphenol	40000	29000	ug/Kg	73				0	0		
	1-Methylnaphthalene	40000	28000	ug/Kg	70				0	0		
	2-Methylnaphthalene	40000	28000	ug/Kg	70				0	0		
	Hexachlorocyclopentadiene	40000	15000	ug/Kg	38				0	0		
	2,4,6-Trichlorophenol	40000	31000	ug/Kg	78				0	0		
	2,4,5-Trichlorophenol	40000	32000	ug/Kg	80				0	0		
	1,1'-Biphenyl	40000	31000	ug/Kg	78				0	0		
	2-Chloronaphthalene	40000	31000	ug/Kg	78				0	0		
	2-Nitroaniline	40000	32000	ug/Kg	80				0	0		
	Dimethylphthalate	40000	29000	ug/Kg	73				0	0		
	2,6-Dinitrotoluene	40000	32000	ug/Kg	80				0	0		
	Acenaphthylene	40000	31000	ug/Kg	78				0	0		
	3-Nitroaniline	40000	33000	ug/Kg	83				0	0		
	Acenaphthene	40000	29000	ug/Kg	73				0	0		
	2,4-Dinitrophenol	40000	11000	ug/Kg	28				0	0		
	4-Nitrophenol	40000	32000	ug/Kg	80				0	0		
	Dibenzofuran	40000	29000	ug/Kg	73				0	0		
	2,4-Dinitrotoluene	40000	28000	ug/Kg	70				0	0		
	Diethylphthalate	40000	28000	ug/Kg	70				0	0		
	Fluorene	40000	29000	ug/Kg	73				0	0		
	4-Chlorophenyl-phenylether	40000	29000	ug/Kg	73				0	0		
	4-Nitroaniline	40000	38000	ug/Kg	95				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP121324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165624BS	4,6-Dinitro-2-methylphenol	40000	18000	ug/Kg	45				0	0		
	N-Nitrosodiphenylamine	40000	34000	ug/Kg	85				0	0		
	1,2,4,5-Tetrachlorobenzene	40000	31000	ug/Kg	78				0	0		
	4-Bromophenyl-phenylether	40000	33000	ug/Kg	83				0	0		
	Hexachlorobenzene	40000	31000	ug/Kg	78				0	0		
	Atrazine	40000	13000	ug/Kg	33				0	0		
	Pentachlorophenol	40000	30000	ug/Kg	75				0	0		
	Phenanthrene	40000	33000	ug/Kg	83				0	0		
	Pentachlorobenzene	40000	33000	ug/Kg	83				0	0		
	Anthracene	40000	33000	ug/Kg	83				0	0		
	1,2,3,4-Tetrachlorobenzene	40000	37000	ug/Kg	93				0	0		
	Carbazole	40000	34000	ug/Kg	85				0	0		
	Di-n-butylphthalate	40000	33000	ug/Kg	83				0	0		
	Fluoranthene	40000	33000	ug/Kg	83				0	0		
	Pyrene	40000	32000	ug/Kg	80				0	0		
	Butylbenzylphthalate	40000	33000	ug/Kg	83				0	0		
	3,3'-Dichlorobenzidine	40000	29000	ug/Kg	73				0	0		
	Benzo(a)anthracene	40000	30000	ug/Kg	75				0	0		
	Chrysene	40000	29000	ug/Kg	73				0	0		
	Bis(2-ethylhexyl)phthalate	40000	32000	ug/Kg	80				0	0		
	Di-n-octylphthalate	40000	33000	ug/Kg	83				0	0		
	Benzo(b)fluoranthene	40000	31000	ug/Kg	78				0	0		
	Benzo(k)fluoranthene	40000	30000	ug/Kg	75				0	0		
	Benzo(a)pyrene	40000	29000	ug/Kg	73				0	0		
	Indeno(1,2,3-cd)pyrene	40000	31000	ug/Kg	78				0	0		
	Dibenzo(a,h)anthracene	40000	32000	ug/Kg	80				0	0		
	Benzo(g,h,i)perylene	40000	31000	ug/Kg	78				0	0		
	2,3,4,6-Tetrachlorophenol	40000	27000	ug/Kg	68				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

E28R3

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121324

SAS No.: BP121324 SDG NO.: BP121324

Lab File ID: BP023415.D

Lab Sample ID: P5153-20

Instrument ID: BNA_P

Date Extracted: 12/09/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/13/2024

Level: (low/med) LOW

Time Analyzed: 11:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E28R3	P5153-20	BP023415.D	12/13/2024
PB165481BS	PB165481BS	BP023424.D	12/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK551

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121324

SAS No.: BP121324 SDG NO.: BP121324

Lab File ID: BP023414.D

Lab Sample ID: PB165551BL

Instrument ID: BNA_P

Date Extracted: 12/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/13/2024

Level: (low/med) LOW

Time Analyzed: 09:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E28S3	P5232-09	BP023422.D	12/13/2024
E28S8	P5232-14	BP023423.D	12/13/2024
E28R7	P5232-03	BP023416.D	12/13/2024
E28S7	P5232-13	BP023417.D	12/13/2024
E28S7MS	P5232-21MS	BP023418.D	12/13/2024
E28S7MSD	P5232-22MSD	BP023419.D	12/13/2024
E28S0	P5232-06	BP023420.D	12/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK624

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP121324

SAS No.: BP121324 SDG NO.: BP121324

Lab File ID: BP023426.D

Lab Sample ID: PB165624BL

Instrument ID: BNA_P

Date Extracted: 12/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/13/2024

Level: (low/med) MED

Time Analyzed: 18:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E28M0RX	P5066-01RX	BP023421.D	12/13/2024
PB165624BS	PB165624BS	BP023425.D	12/13/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP121324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5232-21MS	Client Sample ID:	E28S7MS				DataFile:	BP023418.D			
1,4-Dioxane	710		470	ug/Kg	66				15	120	
Benzaldehyde	1800		390	ug/Kg	22				0	0	
Pyridine	1800		1400	ug/Kg	78				0	0	
Phenol	1800	120	1900	ug/Kg	99	*			26	90	
Bis(2-chloroethyl)ether	1800		1700	ug/Kg	94				0	0	
2-Chlorophenol	1800		1700	ug/Kg	94				25	102	
2-Methylphenol	1800		1700	ug/Kg	94				0	0	
2,2-oxybis(1-Chloropropane)	1800		1600	ug/Kg	89				0	0	
Acetophenone	1800		1600	ug/Kg	89				0	0	
4-Methylphenol	1800		1800	ug/Kg	100				0	0	
N-Nitroso-di-n-propylamine	1800		1600	ug/Kg	89				41	126	
Hexachloroethane	1800		1500	ug/Kg	83				0	0	
Nitrobenzene	1800		1700	ug/Kg	94				0	0	
Isophorone	1800		1800	ug/Kg	100				0	0	
2-Nitrophenol	1800		1800	ug/Kg	100				0	0	
2,4-Dimethylphenol	1800		1800	ug/Kg	100				0	0	
Bis(2-chloroethoxy)methane	1800		1800	ug/Kg	100				0	0	
2,4-Dichlorophenol	1800		1900	ug/Kg	106				0	0	
Naphthalene	1800		1700	ug/Kg	94				0	0	
4-Chloroaniline	1800		1600	ug/Kg	89				0	0	
Hexachlorobutadiene	1800		1700	ug/Kg	94				0	0	
Caprolactam	1800		1900	ug/Kg	106				0	0	
4-Chloro-3-methylphenol	1800		1900	ug/Kg	106	*			26	103	
1-Methylnaphthalene	1800		1700	ug/Kg	94				0	0	
2-Methylnaphthalene	1800		1800	ug/Kg	100				0	0	
Hexachlorocyclopentadiene	1800		940	ug/Kg	52				0	0	
2,4,6-Trichlorophenol	1800		2000	ug/Kg	111				0	0	
2,4,5-Trichlorophenol	1800		2000	ug/Kg	111				0	0	
1,1'-Biphenyl	1800		1800	ug/Kg	100				0	0	
2-Chloronaphthalene	1800		1800	ug/Kg	100				0	0	
2-Nitroaniline	1800		2000	ug/Kg	111				0	0	
Dimethylphthalate	1800		1700	ug/Kg	94				0	0	
2,6-Dinitrotoluene	1800		1900	ug/Kg	106				0	0	
Acenaphthylene	1800		1800	ug/Kg	100				0	0	
3-Nitroaniline	1800		2000	ug/Kg	111				0	0	
Acenaphthene	1800		1800	ug/Kg	100				31	137	
2,4-Dinitrophenol	1800		870	ug/Kg	48				0	0	
4-Nitrophenol	1800		2100	ug/Kg	117	*			11	114	
Dibenzofuran	1800		1800	ug/Kg	100				0	0	
2,4-Dinitrotoluene	1800		1800	ug/Kg	100	*			28	89	
Diethylphthalate	1800		1700	ug/Kg	94				0	0	
Fluorene	1800		1700	ug/Kg	94				0	0	
4-Chlorophenyl-phenylether	1800		1700	ug/Kg	94				0	0	
4-Nitroaniline	1800		2200	ug/Kg	122				0	0	
4,6-Dinitro-2-methylphenol	1800		1100	ug/Kg	61				0	0	
N-Nitrosodiphenylamine	1800		1900	ug/Kg	106				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP121324

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	1800		1800	ug/Kg	100				0	0	
4-Bromophenyl-phenylether	1800		1900	ug/Kg	106				0	0	
Hexachlorobenzene	1800		1900	ug/Kg	106				0	0	
Atrazine	1800		2000	ug/Kg	111				0	0	
Pentachlorophenol	1800		2100	ug/Kg	117	*			17	109	
Phenanthrene	1800	49	1900	ug/Kg	103				0	0	
Pentachlorobenzene	1800		1900	ug/Kg	106				0	0	
Anthracene	1800		1900	ug/Kg	106				0	0	
1,2,3,4-Tetrachlorobenzene	1800		2000	ug/Kg	111				0	0	
Carbazole	1800		2000	ug/Kg	111				0	0	
Di-n-butylphthalate	1800		1900	ug/Kg	106				0	0	
Fluoranthene	1800	150	2000	ug/Kg	103				0	0	
Pyrene	1800	110	1900	ug/Kg	99				35	142	
Butylbenzylphthalate	1800		2000	ug/Kg	111				0	0	
3,3'-Dichlorobenzidine	1800		910	ug/Kg	51				0	0	
Benzo(a)anthracene	1800	46	1800	ug/Kg	97				0	0	
Chrysene	1800	68	1800	ug/Kg	96				0	0	
Bis(2-ethylhexyl)phthalate	1800	0	2000	ug/Kg	111				0	0	
Di-n-octylphthalate	1800		1900	ug/Kg	106				0	0	
Benzo(b)fluoranthene	1800	85	1800	ug/Kg	95				0	0	
Benzo(k)fluoranthene	1800		1800	ug/Kg	100				0	0	
Benzo(a)pyrene	1800	50	1800	ug/Kg	97				0	0	
Indeno(1,2,3-cd)pyrene	1800		1900	ug/Kg	106				0	0	
Dibenzo(a,h)anthracene	1800		1900	ug/Kg	106				0	0	
Benzo(g,h,i)perylene	1800	45	1900	ug/Kg	103				0	0	
2,3,4,6-Tetrachlorophenol	1800		1900	ug/Kg	106				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP121324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P5232-22MSD	Client Sample ID:	E28S7MSD					DataFile:	BP023419.D		
1,4-Dioxane	710		710	ug/Kg	100		41		15	120	50
Benzaldehyde	1800		650	ug/Kg	36		48	*	0	0	0
Pyridine	1800		2200	ug/Kg	122		44	*	0	0	0
Phenol	1800	120	3000	ug/Kg	160	*	47	*	26	90	35
Bis(2-chloroethyl)ether	1800		2600	ug/Kg	144		42	*	0	0	0
2-Chlorophenol	1800		2700	ug/Kg	150	*	46		25	102	50
2-Methylphenol	1800		2900	ug/Kg	161		53	*	0	0	0
2,2-oxybis(1-Chloropropane)	1800		2600	ug/Kg	144		47	*	0	0	0
Acetophenone	1800		2600	ug/Kg	144		47	*	0	0	0
4-Methylphenol	1800		2900	ug/Kg	161		47	*	0	0	0
N-Nitroso-di-n-propylamine	1800		2600	ug/Kg	144	*	47	*	41	126	38
Hexachloroethane	1800		2300	ug/Kg	128		43	*	0	0	0
Nitrobenzene	1800		2700	ug/Kg	150		46	*	0	0	0
Isophorone	1800		2800	ug/Kg	156		44	*	0	0	0
2-Nitrophenol	1800		2700	ug/Kg	150		40	*	0	0	0
2,4-Dimethylphenol	1800		2900	ug/Kg	161		47	*	0	0	0
Bis(2-chloroethoxy)methane	1800		2800	ug/Kg	156		44	*	0	0	0
2,4-Dichlorophenol	1800		2900	ug/Kg	161		41	*	0	0	0
Naphthalene	1800		2700	ug/Kg	150		46	*	0	0	0
4-Chloroaniline	1800		2300	ug/Kg	128		36	*	0	0	0
Hexachlorobutadiene	1800		2500	ug/Kg	139		39	*	0	0	0
Caprolactam	1800		3100	ug/Kg	172		47	*	0	0	0
4-Chloro-3-methylphenol	1800		3000	ug/Kg	167	*	45	*	26	103	33
1-Methylnaphthalene	1800		2700	ug/Kg	150		46	*	0	0	0
2-Methylnaphthalene	1800		2700	ug/Kg	150		40	*	0	0	0
Hexachlorocyclopentadiene	1800		1400	ug/Kg	78		40	*	0	0	0
2,4,6-Trichlorophenol	1800		3200	ug/Kg	178		46	*	0	0	0
2,4,5-Trichlorophenol	1800		3200	ug/Kg	178		46	*	0	0	0
1,1'-Biphenyl	1800		2800	ug/Kg	156		44	*	0	0	0
2-Chloronaphthalene	1800		2800	ug/Kg	156		44	*	0	0	0
2-Nitroaniline	1800		3200	ug/Kg	178		46	*	0	0	0
Dimethylphthalate	1800		2700	ug/Kg	150		46	*	0	0	0
2,6-Dinitrotoluene	1800		3100	ug/Kg	172		47	*	0	0	0
Acenaphthylene	1800		2800	ug/Kg	156		44	*	0	0	0
3-Nitroaniline	1800		3100	ug/Kg	172		43	*	0	0	0
Acenaphthene	1800		2800	ug/Kg	156	*	44	*	31	137	19
2,4-Dinitrophenol	1800		1300	ug/Kg	72		40	*	0	0	0
4-Nitrophenol	1800		3300	ug/Kg	183	*	44		11	114	50
Dibenzofuran	1800		2700	ug/Kg	150		40	*	0	0	0
2,4-Dinitrotoluene	1800		2900	ug/Kg	161	*	47		28	89	47
Diethylphthalate	1800		2700	ug/Kg	150		46	*	0	0	0
Fluorene	1800		2700	ug/Kg	150		46	*	0	0	0
4-Chlorophenyl-phenylether	1800		2700	ug/Kg	150		46	*	0	0	0
4-Nitroaniline	1800		3200	ug/Kg	178		37	*	0	0	0
4,6-Dinitro-2-methylphenol	1800		1600	ug/Kg	89		37	*	0	0	0
N-Nitrosodiphenylamine	1800		3100	ug/Kg	172		47	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP121324

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	1800		2700	ug/Kg	150		40	*	0	0	0
4-Bromophenyl-phenylether	1800		3000	ug/Kg	167		45	*	0	0	0
Hexachlorobenzene	1800		2900	ug/Kg	161		41	*	0	0	0
Atrazine	1800		3100	ug/Kg	172		43	*	0	0	0
Pentachlorophenol	1800		3300	ug/Kg	183	*	44		17	109	47
Phenanthrene	1800	49	3000	ug/Kg	164		46	*	0	0	0
Pentachlorobenzene	1800		3000	ug/Kg	167		45	*	0	0	0
Anthracene	1800		2900	ug/Kg	161		41	*	0	0	0
1,2,3,4-Tetrachlorobenzene	1800		3100	ug/Kg	172		43	*	0	0	0
Carbazole	1800		3100	ug/Kg	172		43	*	0	0	0
Di-n-butylphthalate	1800		3000	ug/Kg	167		45	*	0	0	0
Fluoranthene	1800	150	3100	ug/Kg	164		46	*	0	0	0
Pyrene	1800	110	3000	ug/Kg	161	*	48	*	35	142	36
Butylbenzylphthalate	1800		3000	ug/Kg	167		40	*	0	0	0
3,3'-Dichlorobenzidine	1800		1200	ug/Kg	67		27	*	0	0	0
Benzo(a)anthracene	1800	46	2800	ug/Kg	153		45	*	0	0	0
Chrysene	1800	68	2700	ug/Kg	146		41	*	0	0	0
Bis(2-ethylhexyl)phthalate	1800	0	3100	ug/Kg	172		43	*	0	0	0
Di-n-octylphthalate	1800		3100	ug/Kg	172		47	*	0	0	0
Benzo(b)fluoranthene	1800	85	2800	ug/Kg	151		46	*	0	0	0
Benzo(k)fluoranthene	1800		2900	ug/Kg	161		47	*	0	0	0
Benzo(a)pyrene	1800	50	2900	ug/Kg	158		48	*	0	0	0
Indeno(1,2,3-cd)pyrene	1800		3000	ug/Kg	167		45	*	0	0	0
Dibenzo(a,h)anthracene	1800		3000	ug/Kg	167		45	*	0	0	0
Benzo(g,h,i)perylene	1800	45	2900	ug/Kg	159		43	*	0	0	0
2,3,4,6-Tetrachlorophenol	1800		2900	ug/Kg	161		41	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BP121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5153-20	E28R3	BP023415.D	1,4-Dioxane-d8	8	3.33	42		15	120
			Pyridine-d5	40	19.10	48		20	120
			Phenol-d5	40	20.28	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.50	51		10	150
			2-Chlorophenol-d4	40	20.17	50		15	120
			4-Methylphenol-d8	40	17.76	44		10	140
			Nitrobenzene-d5	40	19.91	50		10	135
			2-Nitrophenol-d4	40	20.97	52		10	120
			2,4-Dichlorophenol-d3	40	20.26	51		10	140
			4-Chloroaniline-d4	40	7.35	18		1	145
			Dimethylphthalate-d6	40	19.08	48		10	145
			Acenaphthylene-d8	40	19.20	48		15	120
			4-Nitrophenol-d4	40	21.32	53		10	150
			Fluorene-d10	40	19.19	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.22	11		10	130
			Anthracene-d10	40	21.08	53		10	150
			Pyrene-d10	40	20.59	51		10	130
			Benzo(a)pyrene-d12	40	17.63	44		10	140
PB165481BS	PB165481BS	BP023424.D	1,4-Dioxane-d8	8	4.08	51		15	120
			Pyridine-d5	40	24.83	62		20	120
			Phenol-d5	40	28.98	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.93	65		10	150
			2-Chlorophenol-d4	40	29.28	73		15	120
			4-Methylphenol-d8	40	28.62	72		10	140
			Nitrobenzene-d5	40	27.58	69		10	135
			2-Nitrophenol-d4	40	26.74	67		10	120
			2,4-Dichlorophenol-d3	40	29.67	74		10	140
			4-Chloroaniline-d4	40	25.32	63		1	145
			Dimethylphthalate-d6	40	26.58	66		10	145
			Acenaphthylene-d8	40	26.49	66		15	120
			4-Nitrophenol-d4	40	27.02	68		10	150
			Fluorene-d10	40	25.69	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.70	24		10	130
			Anthracene-d10	40	28.12	70		10	150
			Pyrene-d10	40	28.45	71		10	130
			Benzo(a)pyrene-d12	40	27.50	69		10	140

Surrogate Summary

SW-846

SDG No.: BP121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5232-03	E28R7	BP023416.D	1,4-Dioxane-d8	8	2.64	33		15	120
			Pyridine-d5	40	15.14	38		20	120
			Phenol-d5	40	20.66	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.57	49		10	150
			2-Chlorophenol-d4	40	20.65	52		15	120
			4-Methylphenol-d8	40	20.97	52		10	140
			Nitrobenzene-d5	40	21.30	53		10	135
			2-Nitrophenol-d4	40	20.70	52		10	120
			2,4-Dichlorophenol-d3	40	21.28	53		10	140
			4-Chloroaniline-d4	40	20.57	51		1	145
			Dimethylphthalate-d6	40	22.95	57		10	145
			Acenaphthylene-d8	40	22.16	55		15	120
			4-Nitrophenol-d4	40	21.27	53		10	150
			Fluorene-d10	40	20.48	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.07	18		10	130
			Anthracene-d10	40	22.57	56		10	150
			Pyrene-d10	40	20.18	50		10	130
			Benzo(a)pyrene-d12	40	17.41	44		10	140
P5232-06	E28S0	BP023420.D	1,4-Dioxane-d8	8	1.47	18		15	120
			Pyridine-d5	40	8.63	22		20	120
			Phenol-d5	40	11.98	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.38	31		10	150
			2-Chlorophenol-d4	40	11.29	28		15	120
			4-Methylphenol-d8	40	13.92	35		10	140
			Nitrobenzene-d5	40	10.70	27		10	135
			2-Nitrophenol-d4	40	5.09	13		10	120
			2,4-Dichlorophenol-d3	40	11.09	28		10	140
			4-Chloroaniline-d4	40	14.28	36		1	145
			Dimethylphthalate-d6	40	16.00	40		10	145
			Acenaphthylene-d8	40	15.05	38		15	120
			4-Nitrophenol-d4	40	4.91	12		10	150
			Fluorene-d10	40	15.19	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	17.81	45		10	150
			Pyrene-d10	40	18.14	45		10	130
			Benzo(a)pyrene-d12	40	16.59	41		10	140
P5232-09	E28S3	BP023422.D	1,4-Dioxane-d8	8	2.13	27		15	120
			Pyridine-d5	40	11.62	29		20	120
			Phenol-d5	40	15.11	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.86	35		10	150
			2-Chlorophenol-d4	40	15.20	38		15	120
			4-Methylphenol-d8	40	10.95	27		10	140
			Nitrobenzene-d5	40	13.74	34		10	135
			2-Nitrophenol-d4	40	13.66	34		10	120
			2,4-Dichlorophenol-d3	40	15.56	39		10	140
			4-Chloroaniline-d4	40	12.87	32		1	145
			Dimethylphthalate-d6	40	16.12	40		10	145
			Acenaphthylene-d8	40	13.58	34		15	120
			4-Nitrophenol-d4	40	15.13	38		10	150

Surrogate Summary

SW-846

SDG No.: BP121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5232-09	E28S3	BP023422.D	Fluorene-d10	40	12.69	32		20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.03	3	*	10	130
			Anthracene-d10	40	14.01	35		10	150
			Pyrene-d10	40	13.01	33		10	130
			Benzo(a)pyrene-d12	40	10.43	26		10	140
P5232-13	E28S7	BP023417.D	1,4-Dioxane-d8	8	3.42	43		15	120
			Pyridine-d5	40	20.72	52		20	120
			Phenol-d5	40	31.49	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.14	68		10	150
			2-Chlorophenol-d4	40	29.40	73		15	120
			4-Methylphenol-d8	40	32.37	81		10	140
			Nitrobenzene-d5	40	29.78	74		10	135
			2-Nitrophenol-d4	40	30.67	77		10	120
			2,4-Dichlorophenol-d3	40	34.29	86		10	140
			4-Chloroaniline-d4	40	27.39	68		1	145
			Dimethylphthalate-d6	40	35.03	88		10	145
			Acenaphthylene-d8	40	30.48	76		15	120
			4-Nitrophenol-d4	40	38.12	95		10	150
			Fluorene-d10	40	28.33	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.10	18		10	130
			Anthracene-d10	40	30.09	75		10	150
			Pyrene-d10	40	26.55	66		10	130
			Benzo(a)pyrene-d12	40	21.45	54		10	140
P5232-14	E28S8	BP023423.D	1,4-Dioxane-d8	8	2.40	30		15	120
			Pyridine-d5	40	11.67	29		20	120
			Phenol-d5	40	16.13	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.87	40		10	150
			2-Chlorophenol-d4	40	16.68	42		15	120
			4-Methylphenol-d8	40	15.02	38		10	140
			Nitrobenzene-d5	40	16.55	41		10	135
			2-Nitrophenol-d4	40	16.27	41		10	120
			2,4-Dichlorophenol-d3	40	17.03	43		10	140
			4-Chloroaniline-d4	40	12.60	31		1	145
			Dimethylphthalate-d6	40	17.51	44		10	145
			Acenaphthylene-d8	40	15.95	40		15	120
			4-Nitrophenol-d4	40	16.43	41		10	150
			Fluorene-d10	40	14.06	35		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.68	9	*	10	130
			Anthracene-d10	40	14.46	36		10	150
			Pyrene-d10	40	12.46	31		10	130
			Benzo(a)pyrene-d12	40	10.17	25		10	140
P5232-21MS	E28S7MS	BP023418.D	1,4-Dioxane-d8	8	3.11	39		15	120
			Pyridine-d5	40	18.20	45		20	120
			Phenol-d5	40	24.78	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.75	57		10	150
			2-Chlorophenol-d4	40	24.55	61		15	120
			4-Methylphenol-d8	40	23.14	58		10	140
			Nitrobenzene-d5	40	24.59	61		10	135
			2-Nitrophenol-d4	40	24.64	62		10	120

Surrogate Summary

SW-846

SDG No.: BP121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5232-21MS	E28S7MS	BP023418.D	2,4-Dichlorophenol-d3	40	27.10	68		10	140
			4-Chloroaniline-d4	40	23.05	58		1	145
			Dimethylphthalate-d6	40	23.77	59		10	145
			Acenaphthylene-d8	40	21.47	54		15	120
			4-Nitrophenol-d4	40	24.94	62		10	150
			Fluorene-d10	40	18.91	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.23	31		10	130
			Anthracene-d10	40	20.34	51		10	150
			Pyrene-d10	40	17.41	44		10	130
			Benzo(a)pyrene-d12	40	14.47	36		10	140
P5232-22MSD	E28S7MSD	BP023419.D	1,4-Dioxane-d8	8	4.44	55		15	120
			Pyridine-d5	40	27.75	69		20	120
			Phenol-d5	40	39.94	100		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.21	88		10	150
			2-Chlorophenol-d4	40	38.64	97		15	120
			4-Methylphenol-d8	40	38.16	95		10	140
			Nitrobenzene-d5	40	37.81	95		10	135
			2-Nitrophenol-d4	40	40.10	100		10	120
			2,4-Dichlorophenol-d3	40	42.97	107		10	140
			4-Chloroaniline-d4	40	34.31	86		1	145
			Dimethylphthalate-d6	40	37.88	95		10	145
			Acenaphthylene-d8	40	33.58	84		15	120
			4-Nitrophenol-d4	40	40.69	102		10	150
			Fluorene-d10	40	29.45	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.01	48		10	130
			Anthracene-d10	40	31.96	80		10	150
			Pyrene-d10	40	27.25	68		10	130
			Benzo(a)pyrene-d12	40	22.85	57		10	140
PB165551BL	PB165551BL	BP023414.D	Pyridine-d5	40	29.73	74		20	120
			1,4-Dioxane-d8	8	6.49	81		15	120
			Phenol-d5	40	31.17	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.14	83		10	150
			2-Chlorophenol-d4	40	31.84	80		15	120
			4-Methylphenol-d8	40	31.01	78		10	140
			Nitrobenzene-d5	40	33.24	83		10	135
			2-Nitrophenol-d4	40	33.87	85		10	120
			2,4-Dichlorophenol-d3	40	29.00	73		10	140
			4-Chloroaniline-d4	40	31.72	79		1	145
			Dimethylphthalate-d6	40	34.18	85		10	145
			Acenaphthylene-d8	40	33.11	83		15	120
			4-Nitrophenol-d4	40	34.45	86		10	150
			Fluorene-d10	40	33.70	84		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.56	61		10	130
			Anthracene-d10	40	36.72	92		10	150
			Pyrene-d10	40	33.43	84		10	130
			Benzo(a)pyrene-d12	40	34.09	85		10	140

Surrogate Summary

SW-846

SDG No.: BP121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P5066-01RX	E28M0RX	BP023421.D	Pyridine-d5	40	11.59	29		20	120
			1,4-Dioxane-d8	8	2.44	31		15	120
			Phenol-d5	40	13.00	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.63	39		10	150
			2-Chlorophenol-d4	40	12.58	31		15	120
			4-Methylphenol-d8	40	14.33	36		10	140
			Nitrobenzene-d5	40	16.58	41		10	135
			2-Nitrophenol-d4	40	3.68	9	*	10	120
			2,4-Dichlorophenol-d3	40	9.67	24		10	140
			4-Chloroaniline-d4	40	15.04	38		1	145
			Dimethylphthalate-d6	40	15.79	39		10	145
			Acenaphthylene-d8	40	17.02	43		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	16.44	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	18.71	47		10	150
			Pyrene-d10	40	17.38	43		10	130
			Benzo(a)pyrene-d12	40	16.40	41		10	140
PB165624BL	PB165624BL	BP023426.D	1,4-Dioxane-d8	8	4.89	61		15	120
			Pyridine-d5	40	28.14	70		20	120
			Phenol-d5	40	31.41	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.63	79		10	150
			2-Chlorophenol-d4	40	31.25	78		15	120
			4-Methylphenol-d8	40	31.30	78		10	140
			Nitrobenzene-d5	40	31.30	78		10	135
			2-Nitrophenol-d4	40	30.48	76		10	120
			2,4-Dichlorophenol-d3	40	30.49	76		10	140
			4-Chloroaniline-d4	40	30.26	76		1	145
			Dimethylphthalate-d6	40	30.96	77		10	145
			Acenaphthylene-d8	40	31.17	78		15	120
			4-Nitrophenol-d4	40	33.91	85		10	150
			Fluorene-d10	40	31.15	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.27	23		10	130
			Anthracene-d10	40	35.12	88		10	150
			Pyrene-d10	40	35.65	89		10	130
			Benzo(a)pyrene-d12	40	31.66	79		10	140
PB165624BS	PB165624BS	BP023425.D	1,4-Dioxane-d8	8	5.26	66		15	120
			Pyridine-d5	40	27.61	69		20	120
			Phenol-d5	40	31.03	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.28	76		10	150
			2-Chlorophenol-d4	40	31.57	79		15	120
			4-Methylphenol-d8	40	30.09	75		10	140
			Nitrobenzene-d5	40	32.00	80		10	135
			2-Nitrophenol-d4	40	31.52	79		10	120
			2,4-Dichlorophenol-d3	40	31.89	80		10	140
			4-Chloroaniline-d4	40	28.89	72		1	145
			Dimethylphthalate-d6	40	30.44	76		10	145
			Acenaphthylene-d8	40	31.93	80		15	120
			4-Nitrophenol-d4	40	30.86	77		10	150

Surrogate Summary

SW-846

SDG No.: BP121324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB165624BS	PB165624BS	BP023425.D	Fluorene-d10	40	30.48	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.15	45		10	130
			Anthracene-d10	40	34.04	85		10	150
			Pyrene-d10	40	32.99	82		10	130
			Benzo(a)pyrene-d12	40	31.47	79		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP121324

Lab Code: CHEM

SAS No.: BP121324 SDG NO.: BP121324

Lab File ID: BP023412.D

DFTPP Injection Date: 12/13/2024

Instrument ID: BNA_P

DFTPP Injection Time: 08:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.9
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	31.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	35.6
197	Less than 2.0% of mass 198	0.3
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	33.8
365	Greater than 1% of mass 198	5.3
441	Present, but less than mass 443	14.3
442	Greater than 50% of mass 198	91.2
443	15.0 - 24.0% of mass 442	17.8 (19.5) 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
SSTD020748	SSTDCCC020	BP023413.D	12/13/2024	09:19
SBLK551	PB165551BL	BP023414.D	12/13/2024	09:59
E28R3	P5153-20	BP023415.D	12/13/2024	11:28
E28R7	P5232-03	BP023416.D	12/13/2024	12:09
E28S7	P5232-13	BP023417.D	12/13/2024	12:49
E28S7MS	P5232-21MS	BP023418.D	12/13/2024	13:29
E28S7MSD	P5232-22MSD	BP023419.D	12/13/2024	14:10
E28S0	P5232-06	BP023420.D	12/13/2024	14:50
E28M0RX	P5066-01RX	BP023421.D	12/13/2024	15:30
E28S3	P5232-09	BP023422.D	12/13/2024	16:11
E28S8	P5232-14	BP023423.D	12/13/2024	16:51
SLCS481	PB165481BS	BP023424.D	12/13/2024	17:31
SLCS624	PB165624BS	BP023425.D	12/13/2024	18:12
SBLK624	PB165624BL	BP023426.D	12/13/2024	18:52
SSTD020749	SSTDCCC020EC	BP023427.D	12/13/2024	20:13