

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG052424 SAS No.: BG052424 SDG No.: BG052424

Instrument ID: BNA_G Calibration Date/Time: 5/24/2024 1:08:18

Lab File ID: BG061280.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020495 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.429	0.420	0.010	-2.0812	40.0
Benzaldehyde	0.859	0.869	0.010	1.2033	40.0
Pyridine	1.258	1.224	0.010	-2.6401	40.0
Phenol	1.673	1.519	0.080	-9.2342	20.0
Bis(2-Chloroethyl)ether	1.224	1.164	0.100	-4.9016	20.0
2-Chlorophenol	1.285	1.194	0.200	-7.048	20.0
2-Methylphenol	1.297	1.198	0.010	-7.6579	20.0
2,2-oxybis(1-Chloropropane)	3.306	3.038	0.010	-8.1141	40.0
Acetophenone	2.390	2.311	0.060	-3.2929	20.0
4-Methylphenol	1.437	1.406	0.010	-2.1493	20.0
N-Nitroso-di-n-propylamine	1.314	1.198	0.050	-8.8407	30.0
Hexachloroethane	0.572	0.548	0.100	-4.0694	20.0
Nitrobenzene	0.422	0.377	0.050	-10.7659	25.0
Isophorone	0.859	0.745	0.050	-13.266	25.0
2-Nitrophenol	0.196	0.175	0.050	-10.4638	25.0
2,4-Dimethylphenol	0.388	0.354	0.050	-8.7867	25.0
Bis(2-Chloroethoxy)methane	0.431	0.396	0.050	-7.9689	20.0
2,4-Dichlorophenol	0.324	0.292	0.060	-9.9159	20.0
Naphthalene	1.056	0.973	0.200	-7.8063	20.0
4-Chloroaniline	0.457	0.415	0.010	-9.2354	40.0
Hexachlorobutadiene	0.316	0.279	0.040	-11.807	30.0
Caprolactam	0.124	0.113	0.010	-8.6836	40.0
4-Chloro-3-methylphenol	0.418	0.373	0.040	-10.8445	25.0
1-Methylnaphthalene	0.786	0.714	0.100	-9.178	20.0
2-Methylnaphthalene	0.766	0.711	0.100	-7.1192	20.0
Hexachlorocyclopentadiene	0.298	0.305	0.010	2.396	40.0
2,4,6-Trichlorophenol	0.372	0.331	0.090	-11.1071	25.0
2,4,5-Trichlorophenol	0.392	0.360	0.100	-8.0023	25.0
1,1-Biphenyl	1.293	1.212	0.200	-6.2659	20.0
2-Chloronaphthalene	1.018	0.963	0.300	-5.3544	20.0
2-Nitroaniline	0.420	0.375	0.050	-10.6223	40.0
Dimethylphthalate	1.617	1.443	0.300	-10.7468	20.0
2,6-Dinitrotoluene	0.317	0.275	0.080	-13.2372	30.0
Acenaphthylene	1.788	1.662	0.400	-7.0823	20.0
3-Nitroaniline	0.275	0.256	0.010	-6.9337	40.0
Acenaphthene	1.173	1.105	0.200	-5.8342	20.0
2,4-Dinitrophenol	0.168	0.156	0.010	-7.026	40.0
4-Nitrophenol	0.225	0.181	0.010	-19.5723	40.0
Dibenzofuran	1.677	1.551	0.300	-7.5532	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG052424 SAS No.: BG052424 SDG No.: BG052424

Instrument ID: BNA_G Calibration Date/Time: 5/24/2024 1:08:18

Lab File ID: BG061280.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020495 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.482	0.434	0.070	-9.9481	30.0
Diethylphthalate	1.597	1.415	0.300	-11.3656	20.0
Fluorene	1.451	1.333	0.200	-8.1576	20.0
4-Chlorophenyl-phenylether	0.851	0.787	0.100	-7.486	20.0
4-Nitroaniline	0.287	0.267	0.010	-6.9109	40.0
4,6-Dinitro-2-methylphenol	0.127	0.101	0.010	-20.2658	40.0
N-Nitrosodiphenylamine	0.503	0.470	0.050	-6.4851	20.0
1,2,4,5-Tetrachlorobenzene	0.660	0.626	0.100	-5.2607	20.0
4-Bromophenyl-phenylether	0.237	0.216	0.070	-8.9579	20.0
Hexachlorobenzene	0.263	0.246	0.050	-6.5105	25.0
Atrazine	0.199	0.183	0.010	-8.2101	25.0
Pentachlorophenol	0.092	0.092	0.010	0.8546	40.0
Phenanthrene	0.971	0.914	0.200	-5.8416	20.0
Pentachlorobenzene	0.292	0.271	0.050	-7.4446	20.0
Anthracene	1.004	0.942	0.200	-6.1352	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.248	0.050	-6.1474	20.0
Carbazole	0.816	0.775	0.050	-5.0917	40.0
Di-n-butylphthalate	1.023	0.950	0.500	-7.1289	25.0
Fluoranthene	1.232	1.140	0.400	-7.4221	25.0
Pyrene	1.279	1.186	0.400	-7.2684	25.0
Butylbenzylphthalate	0.439	0.412	0.100	-6.1509	40.0
3,3-Dichlorobenzidine	0.425	0.422	0.010	-0.5199	40.0
Benzo (a) anthracene	1.380	1.253	0.300	-9.2351	30.0
Chrysene	1.271	1.166	0.200	-8.2545	30.0
Bis (2-ethylhexyl) phthalate	0.650	0.598	0.200	-7.9809	40.0
Di-n-octyl phthalate	1.001	0.910	0.010	-9.02	40.0
Benzo (b) fluoranthene	1.191	1.091	0.200	-8.3788	25.0
Benzo (k) fluoranthene	1.209	1.083	0.200	-10.4463	25.0
Benzo (a) pyrene	1.131	1.028	0.200	-9.0757	20.0
Indeno (1,2,3-cd) pyrene	1.367	1.259	0.200	-7.9202	25.0
Dibenzo (a,h) anthracene	1.128	1.017	0.200	-9.7842	30.0
Benzo (g,h,i) perylene	1.088	0.992	0.200	-8.8455	30.0
2,3,4,6-Tetrachlorophenol	0.357	0.306	0.040	-14.2947	20.0
1,4-Dioxane-d8	0.357	0.399	0.010	11.6963	25.0
Pyridine-d5	1.271	1.242	0.010	-2.3191	40.0
Phenol-d5	1.642	1.469	0.010	-10.5638	25.0
Bis- (2-Chloroethyl) ether-d8	1.032	0.931	0.050	-9.7715	25.0
2-Chlorophenol-d4	1.216	1.122	0.200	-7.7264	20.0
4-Methylphenol-d8	1.400	1.299	0.010	-7.261	20.0

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Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BG052424 SAS No.: BG052424 SDG No.: BG052424
 Instrument ID: BNA_G Calibration Date/Time: 5/24/2024 1:08:18
 Lab File ID: BG061280.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020495 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.145	0.050	-5.8683	20.0
2-Nitrophenol-d4	0.180	0.157	0.050	-12.6962	30.0
2,4-Dichlorophenol-d3	0.351	0.323	0.060	-8.0644	20.0
4-Chloroaniline-d4	0.460	0.420	0.010	-8.6183	40.0
Dimethylphthalate-d6	1.551	1.386	0.300	-10.6728	20.0
Acenaphthylene-d8	1.613	1.495	0.400	-7.3235	20.0
4-Nitrophenol-d4	0.192	0.168	0.010	-12.1618	40.0
Fluorene-d10	1.339	1.218	0.100	-9.0493	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.099	0.010	-17.7745	40.0
Anthracene-d10	0.882	0.823	0.300	-6.6181	20.0
Pyrene-d10	1.027	0.940	0.300	-8.4978	25.0
Benzo(a)pyrene-d12	0.962	0.871	0.010	-9.4032	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG052424 SAS No.: BG052424 SDG No.: BG052424

Instrument ID: BNA_G Calibration Date/Time: 5/24/2024 1:17:55

Lab File ID: BG061292.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020496 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.429	0.353	0.010	-17.7312	50.0
Benzaldehyde	0.859	0.862	0.010	0.3419	50.0
Pyridine	1.258	1.136	0.010	-9.6934	50.0
Phenol	1.673	1.514	0.080	-9.5333	50.0
Bis(2-Chloroethyl)ether	1.224	1.108	0.100	-9.4873	50.0
2-Chlorophenol	1.285	1.153	0.200	-10.2555	50.0
2-Methylphenol	1.297	1.178	0.010	-9.1536	50.0
2,2-oxybis(1-Chloropropane)	3.306	2.916	0.010	-11.7955	50.0
Acetophenone	2.390	2.119	0.060	-11.3303	50.0
4-Methylphenol	1.437	1.279	0.010	-10.9632	50.0
N-Nitroso-di-n-propylamine	1.314	1.136	0.050	-13.5536	50.0
Hexachloroethane	0.572	0.518	0.100	-9.4194	50.0
Nitrobenzene	0.422	0.365	0.050	-13.572	50.0
Isophorone	0.859	0.718	0.050	-16.3826	50.0
2-Nitrophenol	0.196	0.179	0.050	-8.4165	50.0
2,4-Dimethylphenol	0.388	0.330	0.050	-14.7657	50.0
Bis(2-Chloroethoxy)methane	0.431	0.381	0.050	-11.5426	50.0
2,4-Dichlorophenol	0.324	0.303	0.060	-6.3718	50.0
Naphthalene	1.056	0.967	0.200	-8.3866	50.0
4-Chloroaniline	0.457	0.406	0.010	-11.2074	50.0
Hexachlorobutadiene	0.316	0.299	0.040	-5.5053	50.0
Caprolactam	0.124	0.104	0.010	-15.9436	50.0
4-Chloro-3-methylphenol	0.418	0.367	0.040	-12.3569	50.0
1-Methylnaphthalene	0.786	0.700	0.100	-10.9615	50.0
2-Methylnaphthalene	0.766	0.696	0.100	-9.1377	50.0
Hexachlorocyclopentadiene	0.298	0.312	0.010	4.8454	50.0
2,4,6-Trichlorophenol	0.372	0.352	0.090	-5.2985	50.0
2,4,5-Trichlorophenol	0.392	0.387	0.100	-1.1463	50.0
1,1-Biphenyl	1.293	1.221	0.200	-5.6048	50.0
2-Chloronaphthalene	1.018	0.982	0.300	-3.4718	50.0
2-Nitroaniline	0.420	0.378	0.050	-9.9802	50.0
Dimethylphthalate	1.617	1.417	0.300	-12.3264	50.0
2,6-Dinitrotoluene	0.317	0.293	0.080	-7.597	50.0
Acenaphthylene	1.788	1.669	0.400	-6.6511	50.0
3-Nitroaniline	0.275	0.259	0.010	-5.9265	50.0
Acenaphthene	1.173	1.086	0.200	-7.4258	50.0
2,4-Dinitrophenol	0.168	0.173	0.010	2.6392	50.0
4-Nitrophenol	0.225	0.189	0.010	-16.1645	50.0
Dibenzofuran	1.677	1.528	0.300	-8.8949	50.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG052424 SAS No.: BG052424 SDG No.: BG052424

Instrument ID: BNA_G Calibration Date/Time: 5/24/2024 1:17:55

Lab File ID: BG061292.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020496 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.482	0.424	0.070	-12.0884	50.0
Diethylphthalate	1.597	1.393	0.300	-12.7555	50.0
Fluorene	1.451	1.347	0.200	-7.1467	50.0
4-Chlorophenyl-phenylether	0.851	0.791	0.100	-7.0974	50.0
4-Nitroaniline	0.287	0.276	0.010	-3.7172	50.0
4,6-Dinitro-2-methylphenol	0.127	0.110	0.010	-12.9694	50.0
N-Nitrosodiphenylamine	0.503	0.477	0.050	-5.1894	50.0
1,2,4,5-Tetrachlorobenzene	0.660	0.639	0.100	-3.2327	50.0
4-Bromophenyl-phenylether	0.237	0.226	0.070	-4.7279	50.0
Hexachlorobenzene	0.263	0.246	0.050	-6.5072	50.0
Atrazine	0.199	0.184	0.010	-7.5661	50.0
Pentachlorophenol	0.092	0.104	0.010	13.9773	50.0
Phenanthrene	0.971	0.905	0.200	-6.7587	50.0
Pentachlorobenzene	0.292	0.274	0.050	-6.3938	50.0
Anthracene	1.004	0.942	0.200	-6.1559	50.0
1,2,3,4-Tetrachlorobenzene	0.264	0.260	0.050	-1.8227	50.0
Carbazole	0.816	0.776	0.050	-4.9675	50.0
Di-n-butylphthalate	1.023	0.971	0.500	-5.0714	50.0
Fluoranthene	1.232	1.136	0.400	-7.7677	50.0
Pyrene	1.279	1.188	0.400	-7.0646	50.0
Butylbenzylphthalate	0.439	0.413	0.100	-6.0605	50.0
3,3-Dichlorobenzidine	0.425	0.421	0.010	-0.7964	50.0
Benzo (a) anthracene	1.380	1.288	0.300	-6.7012	50.0
Chrysene	1.271	1.183	0.200	-6.8973	50.0
Bis(2-ethylhexyl)phthalate	0.650	0.598	0.200	-8.0671	50.0
Di-n-octyl phthalate	1.001	0.925	0.010	-7.5531	50.0
Benzo (b) fluoranthene	1.191	1.117	0.200	-6.2052	50.0
Benzo (k) fluoranthene	1.209	1.096	0.200	-9.3323	50.0
Benzo (a) pyrene	1.131	1.034	0.200	-8.563	50.0
Indeno (1,2,3-cd) pyrene	1.367	1.271	0.200	-7.0461	50.0
Dibenzo (a,h) anthracene	1.128	1.066	0.200	-5.4289	50.0
Benzo (g,h,i) perylene	1.088	1.005	0.200	-7.6137	50.0
2,3,4,6-Tetrachlorophenol	0.357	0.334	0.040	-6.5282	50.0
1,4-Dioxane-d8	0.357	0.326	0.010	-8.7506	50.0
Pyridine-d5	1.271	1.150	0.010	-9.5189	50.0
Phenol-d5	1.642	1.443	0.010	-12.1237	50.0
Bis- (2-Chloroethyl) ether-d8	1.032	0.943	0.050	-8.6894	50.0
2-Chlorophenol-d4	1.216	1.131	0.200	-6.9832	50.0
4-Methylphenol-d8	1.400	1.261	0.010	-9.9307	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG052424 SAS No.: BG052424 SDG No.: BG052424

Instrument ID: BNA_G Calibration Date/Time: 5/24/2024 17:55

Lab File ID: BG061292.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020496 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.139	0.050	-9.8973	50.0
2-Nitrophenol-d4	0.180	0.157	0.050	-13.0251	50.0
2,4-Dichlorophenol-d3	0.351	0.324	0.060	-7.6445	50.0
4-Chloroaniline-d4	0.460	0.414	0.010	-9.9901	50.0
Dimethylphthalate-d6	1.551	1.363	0.300	-12.1246	50.0
Acenaphthylene-d8	1.613	1.477	0.400	-8.4036	50.0
4-Nitrophenol-d4	0.192	0.162	0.010	-15.698	50.0
Fluorene-d10	1.339	1.263	0.100	-5.7149	50.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.102	0.010	-15.6407	50.0
Anthracene-d10	0.882	0.821	0.300	-6.8709	50.0
Pyrene-d10	1.027	0.955	0.300	-6.9879	50.0
Benzo(a)pyrene-d12	0.962	0.878	0.010	-8.6599	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	SBLK058	SDG No.:	BG052424
Lab Sample ID:	PB161058BL	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
BG061281.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	330	ug/Kg
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
108-95-2	Phenol	30	U	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.5	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.5	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.5	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	SBLK058	SDG No.:	BG052424
Lab Sample ID:	PB161058BL	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
BG061281.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.5	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.5	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	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	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	SBLK058	SDG No.:	BG052424
Lab Sample ID:	PB161058BL	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
BG061281.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	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	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.137		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	28.503		20-120		71	SPK: -40
4165-62-2	Phenol-d5	27.139		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.192		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.24		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	28.593		10-140		71	SPK: -40
4165-60-0	Nitrobenzene-d5	27.566		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.448		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.198		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.485		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.616		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	29.247		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.523		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	30.284		20-140		76	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	SBLK058	SDG No.:	BG052424
Lab Sample ID:	PB161058BL	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
BG061281.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.488		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	31.231		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	30.945		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.944		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	19367	7.884				
1146-65-2	Naphthalene-d8	86572	10.68				
15067-26-2	Acenaphthene-d10	75303	14.517				
1517-22-2	Phenanthrene-d10	196364	17.267				
1719-03-5	Chrysene-d12	206044	21.515				
1520-96-3	Perylene-d12	232684	24.599				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	160	J			3.078	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y3	SDG No.:	BG052424
Lab Sample ID:	P2548-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.4
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
BG061282.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	77	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
100-52-7	Benzaldehyde	67	U	67	94.9	380	ug/Kg
108-95-2	Phenol	35	U	35	94.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.9	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.9	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	94.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.9	380	ug/Kg
98-86-2	Acetophenone	76	U	76	94.9	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	94.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	48.9	200	ug/Kg
67-72-1	Hexachloroethane	70	U	70	48.9	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	48.9	200	ug/Kg
78-59-1	Isophorone	76	U	76	48.9	200	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	48.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	48.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	48.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.9	200	ug/Kg
91-20-3	Naphthalene	28	U	28	48.9	200	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.9	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.9	200	ug/Kg
105-60-2	Caprolactam	74	U	74	94.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	48.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	48.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	48.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y3	SDG No.:	BG052424
Lab Sample ID:	P2548-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.4
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
BG061282.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.9	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	48.9	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	48.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.9	200	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.9	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	94.9	380	ug/Kg
83-32-9	Acenaphthene	46	J	30	48.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.9	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	94.9	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.9	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.9	200	ug/Kg
86-73-7	Fluorene	40	J	31	48.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.9	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	94.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	94.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	48.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.9	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.9	200	ug/Kg
1912-24-9	Atrazine	32	U	32	94.9	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.9	380	ug/Kg
85-01-8	Phenanthrene	690		31	48.9	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	48.9	200	ug/Kg
120-12-7	Anthracene	110	J	29	48.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	48.9	200	ug/Kg
86-74-8	Carbazole	74	J	39	94.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.9	200	ug/Kg
206-44-0	Fluoranthene	990		22	94.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y3	SDG No.:	BG052424
Lab Sample ID:	P2548-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.4
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
BG061282.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	830		21	48.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	70	J	25	48.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	94.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	430		26	48.9	200	ug/Kg
218-01-9	Chrysene	460		28	48.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	240		29	48.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	560		43	48.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	200		44	48.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	400		36	48.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230		32	48.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	79	J	30	48.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	290		37	48.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.651		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	4.787	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	8.51		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.035		10-150		23	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.558		15-120		24	SPK: -40
190780-66-6	4-Methylphenol-d8	6.349		10-140		16	SPK: -40
4165-60-0	Nitrobenzene-d5	9.197		10-135		23	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.434		10-120		24	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.989		10-140		22	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.404		1-145		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.335		10-145		23	SPK: -40
93951-97-4	Acenaphthylene-d8	9.613		15-120		24	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.938		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	9.883		20-140		25	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y3	SDG No.:	BG052424
Lab Sample ID:	P2548-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.4
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
BG061282.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.549		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	9.946		10-150		25	SPK: -40
1718-52-1	Pyrene-d10	10.295		10-130		26	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.059		10-140		25	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	21289	7.888				
1146-65-2	Naphthalene-d8	94064	10.679				
15067-26-2	Acenaphthene-d10	83263	14.521				
1517-22-2	Phenanthrene-d10	209802	17.265				
1719-03-5	Chrysene-d12	210806	21.519				
1520-96-3	Perylene-d12	238903	24.609				
TENTATIVE IDENTIFIED COMPOUNDS							
000814-78-8	3-Buten-2-one, 3-methyl-	91	J			3.035	
000994-05-8	Butane, 2-methoxy-2-methyl-	9300	J			3.082	
	unknown-01	160	J			3.863	
	unknown-02	180	J			4.309	
	unknown-03	140	J			4.715	
000832-69-9	Phenanthrene, 1-methyl-	88	J			18.14	
000613-12-7	Anthracene, 2-methyl-	120	J			18.193	
000203-64-5	4H-Cyclopenta[def]phenanthrene	150	J			18.34	
000781-43-1	9,10-Dimethylanthracene	87	J			19.063	
000243-46-9	Benzo[b]naphtho[2,3-d]thiophene	87	J			21.108	
	unknown-04	150	J			21.196	
000082-05-3	7H-Benz[de]anthracen-7-one	110	J			21.254	
000192-97-2	Benzo[e]pyrene	270	J			24.321	
	(DEL) Alkane: Straight-Chain	140	J			25.708	
000135-48-8	Pentacene	130	J			28.54	
E966796	Total Alkanes	140				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X8	SDG No.:	BG052424
Lab Sample ID:	P2548-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061283.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.2	83	ug/Kg
100-52-7	Benzaldehyde	72	U	72	100	410	ug/Kg
110-86-1	Pyridine	96	U	96	210	410	ug/Kg
108-95-2	Phenol	37	U	37	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.1	210	ug/Kg
95-48-7	2-Methylphenol	39	U	39	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	100	410	ug/Kg
98-86-2	Acetophenone	82	U	82	100	410	ug/Kg
106-44-5	4-Methylphenol	66	U	66	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	99	U	99	53.1	210	ug/Kg
67-72-1	Hexachloroethane	76	U	76	53.1	210	ug/Kg
98-95-3	Nitrobenzene	80	U	80	53.1	210	ug/Kg
78-59-1	Isophorone	82	U	82	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	75	U	75	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	53.1	210	ug/Kg
91-20-3	Naphthalene	30	U	30	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	53.1	210	ug/Kg
105-60-2	Caprolactam	80	U	80	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	53.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X8	SDG No.:	BG052424
Lab Sample ID:	P2548-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061283.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53.1	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	34	U	34	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53.1	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	53.1	210	ug/Kg
86-73-7	Fluorene	34	U	34	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.1	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53.1	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	270		34	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	53.1	210	ug/Kg
120-12-7	Anthracene	43	J	31	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	53.1	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	53.1	210	ug/Kg
206-44-0	Fluoranthene	370		24	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X8	SDG No.:	BG052424
Lab Sample ID:	P2548-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061283.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	300		22	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	29	53.1	210	ug/Kg
218-01-9	Chrysene	170	J	30	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	J	46	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	83	J	47	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	39	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	96	J	35	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	40	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	1.067	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	5.755		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.298		10-150		16	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.023		15-120		15	SPK: -40
190780-66-6	4-Methylphenol-d8	5.07		10-140		13	SPK: -40
4165-60-0	Nitrobenzene-d5	6.462		10-135		16	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.439		10-120		16	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	5.92		10-140		15	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.836		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	6.091		10-145		15	SPK: -40
93951-97-4	Acenaphthylene-d8	6.332		15-120		16	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.147		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	6.596	*	20-140		16	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5X8	SDG No.:	BG052424
Lab Sample ID:	P2548-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061283.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.868		10-130		10	SPK: -40
1719-06-8	Anthracene-d10	6.391		10-150		16	SPK: -40
1718-52-1	Pyrene-d10	6.527		10-130		16	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.596		10-140		16	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	22386	7.882				
1146-65-2	Naphthalene-d8	95394	10.679				
15067-26-2	Acenaphthene-d10	82471	14.522				
1517-22-2	Phenanthrene-d10	217723	17.266				
1719-03-5	Chrysene-d12	217640	21.519				
1520-96-3	Perylene-d12	241936	24.598				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	10000	J			3.082	
	(DEL) Alkane: Straight-Chain	25.703	J			25.703	
	(DEL) Alkane: Straight-Chain	26.984	J			26.984	
E966796	Total Alkanes	270				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y1	SDG No.:	BG052424
Lab Sample ID:	P2548-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BG061284.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.1	82	ug/Kg
100-52-7	Benzaldehyde	71	U	71	100	410	ug/Kg
110-86-1	Pyridine	95	U	95	200	410	ug/Kg
108-95-2	Phenol	37	U	37	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	410	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	52.3	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	410	ug/Kg
98-86-2	Acetophenone	81	U	81	100	410	ug/Kg
106-44-5	4-Methylphenol	65	U	65	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	97	U	97	52.3	210	ug/Kg
67-72-1	Hexachloroethane	75	U	75	52.3	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.3	210	ug/Kg
78-59-1	Isophorone	81	U	81	52.3	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	52.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	52.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.3	210	ug/Kg
91-20-3	Naphthalene	30	U	30	52.3	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	52.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.3	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	52.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	52.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	52.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	52.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	52.3	210	ug/Kg



Client:			Date Collected:	5/20/2024 12:00:00 AM		
Project:			Date Received:	5/20/2024 12:00:00 AM		
Client Sample ID:	BH5Y1		SDG No.:	BG052424		
Lab Sample ID:	P2548-04		Matrix:	Solid		
Analytical Method:	SFAM_SVOC		% Moisture:	19		
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
BG061284.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.3	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	52.3	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.3	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.3	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	410	ug/Kg
83-32-9	Acenaphthene	70	J	32	52.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	44	J	33	52.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.3	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.3	210	ug/Kg
86-73-7	Fluorene	64	J	33	52.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.3	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	52.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.3	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	52.3	210	ug/Kg
1912-24-9	Atrazine	34	U	34	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	840		33	52.3	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	52.3	210	ug/Kg
120-12-7	Anthracene	140	J	31	52.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.3	210	ug/Kg
86-74-8	Carbazole	120	J	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.3	210	ug/Kg
206-44-0	Fluoranthene	1100		23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y1	SDG No.:	BG052424
Lab Sample ID:	P2548-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BG061284.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	840		22	52.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	490		28	52.3	210	ug/Kg
218-01-9	Chrysene	510		30	52.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	52.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	620		46	52.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	210		47	52.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	450		38	52.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240		34	52.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89	J	32	52.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	290		39	52.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	52.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.023	*	15-120		13	SPK: -8
7291-22-7	Pyridine-d5	1.612	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	9.439		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.485		10-150		24	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.474		15-120		26	SPK: -40
190780-66-6	4-Methylphenol-d8	8.85		10-140		22	SPK: -40
4165-60-0	Nitrobenzene-d5	10.033		10-135		25	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.304		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.743		10-140		24	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.633		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.553		10-145		24	SPK: -40
93951-97-4	Acenaphthylene-d8	9.796		15-120		24	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.064		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	10.026		20-140		25	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y1	SDG No.:	BG052424
Lab Sample ID:	P2548-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BG061284.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.746		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	10.514		10-150		26	SPK: -40
1718-52-1	Pyrene-d10	10.529		10-130		26	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.451		10-140		26	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23799	7.884				
1146-65-2	Naphthalene-d8	104371	10.681				
15067-26-2	Acenaphthene-d10	90321	14.517				
1517-22-2	Phenanthrene-d10	218938	17.267				
1719-03-5	Chrysene-d12	220867	21.515				
1520-96-3	Perylene-d12	248094	24.6				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	11000	J			3.084	
002531-84-2	Phenanthrene, 2-methyl-	110	J			18.189	
000203-64-5	4H-Cyclopenta[def]phenanthrene	140	J			18.336	
033543-31-6	Fluoranthene, 2-methyl-	94	J			20.175	
	unknown-01	88	J			21.204	
000192-97-2	Benzo[e]pyrene	260	J			24.323	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y7	SDG No.:	BG052424
Lab Sample ID:	P2548-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061285.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.3	74	ug/Kg
100-52-7	Benzaldehyde	65	U	65	91.8	370	ug/Kg
110-86-1	Pyridine	86	U	86	180	370	ug/Kg
108-95-2	Phenol	33	U	33	91.8	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	91.8	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.3	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	91.8	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	91.8	370	ug/Kg
98-86-2	Acetophenone	73	U	73	91.8	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	91.8	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	47.3	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.3	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	47.3	190	ug/Kg
78-59-1	Isophorone	73	U	73	47.3	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47.3	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.3	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.3	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.3	190	ug/Kg
105-60-2	Caprolactam	71	U	71	91.8	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	91.8	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y7	SDG No.:	BG052424
Lab Sample ID:	P2548-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061285.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.3	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.3	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.3	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.3	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	91.8	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	91.8	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.8	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.3	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.3	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.3	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	91.8	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	91.8	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.3	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.3	190	ug/Kg
1912-24-9	Atrazine	31	U	31	91.8	370	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	91.8	370	ug/Kg
85-01-8	Phenanthrene	360		30	47.3	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.3	190	ug/Kg
120-12-7	Anthracene	57	J	28	47.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.3	190	ug/Kg
86-74-8	Carbazole	39	J	38	91.8	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.3	190	ug/Kg
206-44-0	Fluoranthene	620		21	91.8	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y7	SDG No.:	BG052424
Lab Sample ID:	P2548-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061285.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	530		20	47.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	50	J	24	47.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	91.8	370	ug/Kg
56-55-3	Benzo(a)anthracene	270		26	47.3	190	ug/Kg
218-01-9	Chrysene	310		27	47.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	28	47.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	91.8	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	380		41	47.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	42	47.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	280		34	47.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	31	47.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	J	29	47.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200		36	47.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.418		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	9.669		20-120		24	SPK: -40
4165-62-2	Phenol-d5	25.22		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.818		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.4		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	24.413		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	27.311		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.984		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.036		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.222		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.173		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	28.534		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.887		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	28.81		20-140		72	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y7	SDG No.:	BG052424
Lab Sample ID:	P2548-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061285.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.698		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	29.22		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	29.888		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.398		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	20797	7.884				
1146-65-2	Naphthalene-d8	89218	10.681				
15067-26-2	Acenaphthene-d10	76313	14.518				
1517-22-2	Phenanthrene-d10	194384	17.268				
1719-03-5	Chrysene-d12	189437	21.516				
1520-96-3	Perylene-d12	212202	24.606				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	11000	J			3.078	
	(DEL) Alkane: Straight-Chain4.306	130	J			4.306	
	unknown-01	87	J			4.718	
000832-64-4	Phenanthrene, 4-methyl-	96	J			18.19	
000203-64-5	4H-Cyclopenta[def]phenanthrene	97	J			18.337	
1000256-99-5	5(10H)-Pyrido[3,4-b]quinolone, 7-m	140	J			21.192	
000301-02-0	9-Octadecenamide, (Z)-	120	J			22.937	
	unknown-02	150	J			24.318	
062016-76-6	Nonadecane, 1-chloro-	85	J			25.699	
000092-13-7	Pilocarpine	210	J			26.063	
	unknown-03	120	J			27.144	
E966796	Total Alkanes	130				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH612	SDG No.:	BG052424
Lab Sample ID:	P2548-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061286.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.5	76	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
100-52-7	Benzaldehyde	66	U	66	93.5	370	ug/Kg
108-95-2	Phenol	34	U	34	93.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93.5	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.2	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93.5	370	ug/Kg
98-86-2	Acetophenone	75	U	75	93.5	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	48.2	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48.2	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.2	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.2	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.2	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.2	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.2	190	ug/Kg
105-60-2	Caprolactam	73	U	73	93.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	48.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	48.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH612	SDG No.:	BG052424
Lab Sample ID:	P2548-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BG061286.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	48.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	48.2	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.2	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.2	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.2	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	93.5	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93.5	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.5	370	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.2	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	48.2	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.2	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	48.2	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.2	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93.5	370	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	93.5	370	ug/Kg
85-01-8	Phenanthrene	62	J	31	48.2	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.2	190	ug/Kg
120-12-7	Anthracene	28	U	28	48.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.2	190	ug/Kg
86-74-8	Carbazole	39	U	39	93.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.2	190	ug/Kg
206-44-0	Fluoranthene	140	J	22	93.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH612	SDG No.:	BG052424
Lab Sample ID:	P2548-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BG061286.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	J	20	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	77	J	26	48.2	190	ug/Kg
218-01-9	Chrysene	88	J	27	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	42	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	86	J	35	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51	J	32	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61	J	36	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.892		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	19.503		20-120		49	SPK: -40
4165-62-2	Phenol-d5	31.802		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.746		10-150		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.889		15-120		85	SPK: -40
190780-66-6	4-Methylphenol-d8	34.392		10-140		86	SPK: -40
4165-60-0	Nitrobenzene-d5	34.16		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.806		10-120		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.305		10-140		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.673		1-145		84	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.317		10-145		91	SPK: -40
93951-97-4	Acenaphthylene-d8	37.159		15-120		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.394		10-150		81	SPK: -40
81103-79-9	Fluorene-d10	37.613		20-140		94	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH612	SDG No.:	BG052424
Lab Sample ID:	P2548-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BG061286.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.349		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	38.018		10-150		95	SPK: -40
1718-52-1	Pyrene-d10	40.088		10-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.62		10-140		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	17650	7.888				
1146-65-2	Naphthalene-d8	79742	10.679				
15067-26-2	Acenaphthene-d10	67868	14.522				
1517-22-2	Phenanthrene-d10	167697	17.265				
1719-03-5	Chrysene-d12	162501	21.519				
1520-96-3	Perylene-d12	186497	24.604				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			3.082	
	unknown-01	110	J			3.611	
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	300	J			20.532	
1000351-74-9	Octacosyl trifluoroacetate	140	J			21.184	
	(DEL) Alkane: Straight-Chain25.709	120	J			25.709	
	(DEL) Alkane: Straight-Chain26.983	100	J			26.983	
	unknown-02	84	J			28.535	
E966796	Total Alkanes	220				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH613	SDG No.:	BG052424
Lab Sample ID:	P2548-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061287.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8	81	ug/Kg
100-52-7	Benzaldehyde	70	U	70	100	400	ug/Kg
110-86-1	Pyridine	93	U	93	200	400	ug/Kg
108-95-2	Phenol	36	U	36	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.6	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	400	ug/Kg
98-86-2	Acetophenone	80	U	80	100	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	96	U	96	51.6	210	ug/Kg
67-72-1	Hexachloroethane	74	U	74	51.6	210	ug/Kg
98-95-3	Nitrobenzene	78	U	78	51.6	210	ug/Kg
78-59-1	Isophorone	80	U	80	51.6	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	51.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	51.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.6	210	ug/Kg
91-20-3	Naphthalene	29	U	29	51.6	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	51.6	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51.6	210	ug/Kg
105-60-2	Caprolactam	78	U	78	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	51.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	51.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH613	SDG No.:	BG052424
Lab Sample ID:	P2548-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061287.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	51.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.6	210	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	51.6	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.6	210	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51.6	210	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	100	400	ug/Kg
83-32-9	Acenaphthene	32	U	32	51.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	100	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	51.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51.6	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.6	210	ug/Kg
86-73-7	Fluorene	33	U	33	51.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.6	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	51.6	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.6	210	ug/Kg
1912-24-9	Atrazine	34	U	34	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	33	U	33	51.6	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.6	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.6	210	ug/Kg
86-74-8	Carbazole	41	U	41	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.6	210	ug/Kg
206-44-0	Fluoranthene	77	J	23	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH613	SDG No.:	BG052424
Lab Sample ID:	P2548-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061287.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	72	J	22	51.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	51.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	51.6	210	ug/Kg
218-01-9	Chrysene	48	J	29	51.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	51.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	J	45	51.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	45	J	38	51.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	51.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	51.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	51.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.017	*	15-120		13	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	6.938		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.148		10-150		18	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.408		15-120		19	SPK: -40
190780-66-6	4-Methylphenol-d8	7.328		10-140		18	SPK: -40
4165-60-0	Nitrobenzene-d5	7.52		10-135		19	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.775		10-120		19	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.015		10-140		18	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.344		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.4		10-145		19	SPK: -40
93951-97-4	Acenaphthylene-d8	7.693		15-120		19	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.959		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	7.84		20-140		20	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH613	SDG No.:	BG052424
Lab Sample ID:	P2548-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061287.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.544		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	8.153		10-150		20	SPK: -40
1718-52-1	Pyrene-d10	8.021		10-130		20	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.778		10-140		19	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23718	7.884				
1146-65-2	Naphthalene-d8	106002	10.681				
15067-26-2	Acenaphthene-d10	91827	14.518				
1517-22-2	Phenanthrene-d10	236272	17.268				
1719-03-5	Chrysene-d12	240102	21.516				
1520-96-3	Perylene-d12	269292	24.6				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	9600	J			3.084	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y5	SDG No.:	BG052424
Lab Sample ID:	P2548-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BG061288.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.7	77	ug/Kg
100-52-7	Benzaldehyde	67	U	67	95.8	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	35	U	35	95.8	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	95.8	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.4	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95.8	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	95.8	380	ug/Kg
98-86-2	Acetophenone	77	U	77	95.8	380	ug/Kg
106-44-5	4-Methylphenol	62	U	62	95.8	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.4	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.4	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	49.4	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.4	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.4	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.4	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.4	200	ug/Kg
105-60-2	Caprolactam	74	U	74	95.8	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.8	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y5	SDG No.:	BG052424
Lab Sample ID:	P2548-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BG061288.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49.4	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49.4	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.4	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.4	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	95.8	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95.8	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.8	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.4	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49.4	200	ug/Kg
86-73-7	Fluorene	31	U	31	49.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.4	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	95.8	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95.8	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	49.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.4	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.4	200	ug/Kg
1912-24-9	Atrazine	33	U	33	95.8	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.8	380	ug/Kg
85-01-8	Phenanthrene	280		31	49.4	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.4	200	ug/Kg
120-12-7	Anthracene	40	J	29	49.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.4	200	ug/Kg
86-74-8	Carbazole	39	U	39	95.8	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49.4	200	ug/Kg
206-44-0	Fluoranthene	420		22	95.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y5	SDG No.:	BG052424
Lab Sample ID:	P2548-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BG061288.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	360		21	49.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	95.8	380	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	27	49.4	200	ug/Kg
218-01-9	Chrysene	210		28	49.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	J	29	49.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	95.8	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	250		43	49.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	81	J	44	49.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	190	J	36	49.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	33	49.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39	J	30	49.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	37	49.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.187		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	2.841	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	11.775		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.483		10-150		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.63		15-120		32	SPK: -40
190780-66-6	4-Methylphenol-d8	10.009		10-140		25	SPK: -40
4165-60-0	Nitrobenzene-d5	12.95		10-135		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.271		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.989		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.239		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.091		10-145		33	SPK: -40
93951-97-4	Acenaphthylene-d8	13.543		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.508		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	13.811		20-140		35	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH5Y5	SDG No.:	BG052424
Lab Sample ID:	P2548-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.2
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
BG061288.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.469		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	13.919		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	13.491		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.642		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	23059	7.884				
1146-65-2	Naphthalene-d8	98878	10.681				
15067-26-2	Acenaphthene-d10	84697	14.517				
1517-22-2	Phenanthrene-d10	205702	17.267				
1719-03-5	Chrysene-d12	211164	21.521				
1520-96-3	Perylene-d12	237598	24.605				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	10000	J			3.084	
000205-82-3	Benzo[j]fluoranthene	110	J			24.318	
E966796	Total Alkanes	30	U			99	ug/Kg



Client:				Date Collected:	5/20/2024 12:00:00 AM	
Project:				Date Received:	5/20/2024 12:00:00 AM	
Client Sample ID:	BH614			SDG No.:	BG052424	
Lab Sample ID:	P2548-19			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	16.5	
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
BG061289.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.9	80	ug/Kg
100-52-7	Benzaldehyde	69	U	69	98.5	390	ug/Kg
110-86-1	Pyridine	92	U	92	200	390	ug/Kg
108-95-2	Phenol	36	U	36	98.5	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	98.5	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.7	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.5	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.5	390	ug/Kg
98-86-2	Acetophenone	79	U	79	98.5	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	98.5	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.7	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	50.7	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.7	200	ug/Kg
78-59-1	Isophorone	79	U	79	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.7	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	50.7	200	ug/Kg
105-60-2	Caprolactam	76	U	76	98.5	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.5	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH614	SDG No.:	BG052424
Lab Sample ID:	P2548-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
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
BG061289.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.7	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	98.5	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	98.5	390	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.5	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	50.7	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.7	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.5	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	98.5	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.7	200	ug/Kg
1912-24-9	Atrazine	33	U	33	98.5	390	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	98.5	390	ug/Kg
85-01-8	Phenanthrene	56	J	32	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.7	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.7	200	ug/Kg
86-74-8	Carbazole	41	U	41	98.5	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.7	200	ug/Kg
206-44-0	Fluoranthene	130	J	23	98.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH614	SDG No.:	BG052424
Lab Sample ID:	P2548-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
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
BG061289.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	120	J	21	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	63	J	27	50.7	200	ug/Kg
218-01-9	Chrysene	85	J	29	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	98.5	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	95	J	44	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	76	J	37	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	J	33	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	J	38	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.675	*	15-120		8	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	7.247		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.093		10-150		18	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.14		15-120		18	SPK: -40
190780-66-6	4-Methylphenol-d8	6.961		10-140		17	SPK: -40
4165-60-0	Nitrobenzene-d5	7.16		10-135		18	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.372		10-120		18	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.833		10-140		20	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.231		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.39		10-145		18	SPK: -40
93951-97-4	Acenaphthylene-d8	7.523		15-120		19	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.965		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	7.822		20-140		20	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH614	SDG No.:	BG052424
Lab Sample ID:	P2548-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
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
BG061289.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.907		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	8.042		10-150		20	SPK: -40
1718-52-1	Pyrene-d10	8.375		10-130		21	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.996		10-140		20	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	20396	7.888				
1146-65-2	Naphthalene-d8	89812	10.679				
15067-26-2	Acenaphthene-d10	79164	14.521				
1517-22-2	Phenanthrene-d10	203060	17.265				
1719-03-5	Chrysene-d12	206181	21.519				
1520-96-3	Perylene-d12	234007	24.603				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	11000	J			3.082	
	(DEL) Alkane: Straight-Chain	25.708	J			25.708	
E966796	Total Alkanes	90				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH615	SDG No.:	BG052424
Lab Sample ID:	P2548-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061290.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.5	86	ug/Kg
100-52-7	Benzaldehyde	75	U	75	110	430	ug/Kg
110-86-1	Pyridine	99	U	99	210	430	ug/Kg
108-95-2	Phenol	39	U	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	110	430	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.8	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52	U	52	110	430	ug/Kg
98-86-2	Acetophenone	85	U	85	110	430	ug/Kg
106-44-5	4-Methylphenol	68	U	68	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	54.8	220	ug/Kg
67-72-1	Hexachloroethane	79	U	79	54.8	220	ug/Kg
98-95-3	Nitrobenzene	82	U	82	54.8	220	ug/Kg
78-59-1	Isophorone	85	U	85	54.8	220	ug/Kg
88-75-5	2-Nitrophenol	77	U	77	54.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	54.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	54.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	54.8	220	ug/Kg
91-20-3	Naphthalene	31	U	31	54.8	220	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	54.8	430	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	54.8	220	ug/Kg
105-60-2	Caprolactam	82	U	82	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	54.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	54.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	54.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	54.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	54.8	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH615	SDG No.:	BG052424
Lab Sample ID:	P2548-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061290.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	54.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	54.8	220	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	54.8	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	54.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	54.8	220	ug/Kg
208-96-8	Acenaphthylene	37	U	37	54.8	220	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	110	430	ug/Kg
83-32-9	Acenaphthene	34	U	34	54.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	35	U	35	54.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	54.8	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	54.8	220	ug/Kg
86-73-7	Fluorene	35	U	35	54.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.8	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	54.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	54.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	54.8	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	54.8	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	430	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	430	ug/Kg
85-01-8	Phenanthrene	120	J	35	54.8	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	54.8	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	54.8	220	ug/Kg
86-74-8	Carbazole	44	U	44	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	54.8	220	ug/Kg
206-44-0	Fluoranthene	260		24	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH615	SDG No.:	BG052424
Lab Sample ID:	P2548-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061290.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	240		23	54.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	54.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	30	54.8	220	ug/Kg
218-01-9	Chrysene	150	J	31	54.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	54.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	62	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	J	48	54.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	60	J	49	54.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	40	54.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	88	J	36	54.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	54.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	41	54.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	54.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.822	*	15-120		10	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	7.065		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.245		10-150		18	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.65		15-120		19	SPK: -40
190780-66-6	4-Methylphenol-d8	6.376		10-140		16	SPK: -40
4165-60-0	Nitrobenzene-d5	7.279		10-135		18	SPK: -40
93951-78-1	2-Nitrophenol-d4	7.484		10-120		19	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.11		10-140		18	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.745		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.244		10-145		18	SPK: -40
93951-97-4	Acenaphthylene-d8	7.571		15-120		19	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.981		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	7.758	*	20-140		19	SPK: -40

Report of Analysis

Client:		Date Collected:	5/20/2024 12:00:00 AM
Project:		Date Received:	5/20/2024 12:00:00 AM
Client Sample ID:	BH615	SDG No.:	BG052424
Lab Sample ID:	P2548-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	22.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061290.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.552		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	7.808		10-150		20	SPK: -40
1718-52-1	Pyrene-d10	8.025		10-130		20	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.81		10-140		20	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	19800	7.885				
1146-65-2	Naphthalene-d8	85179	10.676				
15067-26-2	Acenaphthene-d10	73326	14.519				
1517-22-2	Phenanthrene-d10	187848	17.268				
1719-03-5	Chrysene-d12	191305	21.516				
1520-96-3	Perylene-d12	213169	24.601				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	13000	J			3.079	
002916-31-6	1,3-Dioxolane, 2,2-dimethyl-	730	J			3.191	
	(DEL) Alkane: Straight-Chain	25.700	J			25.7	
	unknown-01	91	J			28.532	
E966796	Total Alkanes	94				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	SLCS058	SDG No.:	BG052424
Lab Sample ID:	PB161058BS	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
BG061291.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	360		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1300		58	82.5	330	ug/Kg
110-86-1	Pyridine	940		77	170	330	ug/Kg
108-95-2	Phenol	1100		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1000		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1100		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1000		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	960		40	82.5	330	ug/Kg
98-86-2	Acetophenone	990		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1000		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	890		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1000		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	970		64	42.5	170	ug/Kg
78-59-1	Isophorone	950		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1100		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	950		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	990		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		38	42.5	170	ug/Kg
91-20-3	Naphthalene	1000		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	890		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1000		35	42.5	170	ug/Kg
105-60-2	Caprolactam	1000		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1000		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1000		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	600		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	SLCS058	SDG No.:	BG052424
Lab Sample ID:	PB161058BS	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
BG061291.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1100		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1000		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	960		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1000		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1100		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	1000		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	780		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	970		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1100		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	970		33	42.5	170	ug/Kg
86-73-7	Fluorene	1000		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1100		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	970		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1100		28	42.5	170	ug/Kg
1912-24-9	Atrazine	1000		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	910		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	1000		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1100		37	42.5	170	ug/Kg
120-12-7	Anthracene	1000		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		17	42.5	170	ug/Kg
86-74-8	Carbazole	1000		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1000		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	1000		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	SLCS058	SDG No.:	BG052424
Lab Sample ID:	PB161058BS	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
BG061291.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1100		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1000		23	42.5	170	ug/Kg
218-01-9	Chrysene	1100		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	940		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.258		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	28.255		20-120		71	SPK: -40
4165-62-2	Phenol-d5	32.433		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.465		10-150		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.844		15-120		85	SPK: -40
190780-66-6	4-Methylphenol-d8	31.768		10-140		79	SPK: -40
4165-60-0	Nitrobenzene-d5	33.557		10-135		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.157		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.829		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.302		1-145		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.954		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	32.482		15-120		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.167		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	31.648		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	SLCS058	SDG No.:	BG052424
Lab Sample ID:	PB161058BS	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
BG061291.D	1	5/22/2024 12:00:00 AM	5/24/2024 12:00:00 AM	PB161058

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.924		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	32.742		10-150		82	SPK: -40
1718-52-1	Pyrene-d10	32.65		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.333		10-140		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	20712	7.888				
1146-65-2	Naphthalene-d8	90001	10.679				
15067-26-2	Acenaphthene-d10	75984	14.522				
1517-22-2	Phenanthrene-d10	184545	17.265				
1719-03-5	Chrysene-d12	184347	21.519				
1520-96-3	Perylene-d12	209049	24.61				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG052424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : BH5X8								
P2548-01	BH5X8	Solid	(DEL) Alkane: Straight-Chain25.7 *	130.000	J			
P2548-01	BH5X8	Solid	(DEL) Alkane: Straight-Chain26.5 *	140.000	J			
P2548-01	BH5X8	Solid	Butane, 2-methoxy-2-methyl- *	10,000.000	J			
P2548-01	BH5X8	Solid	Total Alkanes *	270.000		32	210	ug/Kg
Total Tics :				10,540.00				
P2548-01	BH5X8	Solid	Anthracene	43.000	J	31	210	ug/Kg
P2548-01	BH5X8	Solid	Benzo(a)anthracene	160.000	J	29	210	ug/Kg
P2548-01	BH5X8	Solid	Benzo(a)pyrene	160.000	J	39	210	ug/Kg
P2548-01	BH5X8	Solid	Benzo(b)fluoranthene	200.000	J	46	210	ug/Kg
P2548-01	BH5X8	Solid	Benzo(g,h,i)perylene	110.000	J	40	210	ug/Kg
P2548-01	BH5X8	Solid	Benzo(k)fluoranthene	83.000	J	47	210	ug/Kg
P2548-01	BH5X8	Solid	Chrysene	170.000	J	30	210	ug/Kg
P2548-01	BH5X8	Solid	Fluoranthene	370.000		24	210	ug/Kg
P2548-01	BH5X8	Solid	Indeno(1,2,3-cd)pyrene	96.000	J	35	210	ug/Kg
P2548-01	BH5X8	Solid	Phenanthrene	270.000		34	210	ug/Kg
P2548-01	BH5X8	Solid	Pyrene	300.000		22	210	ug/Kg
Total Svoc :				1,962.00				
Total Concentration:				12,502.00				
Client ID : BH5Y1								
P2548-04	BH5Y1	Solid	4H-Cyclopenta[def]phenanthrene *	140.000	J			
P2548-04	BH5Y1	Solid	Benzo[e]pyrene *	260.000	J			
P2548-04	BH5Y1	Solid	Butane, 2-methoxy-2-methyl- *	11,000.000	J			
P2548-04	BH5Y1	Solid	Fluoranthene, 2-methyl- *	94.000	J			
P2548-04	BH5Y1	Solid	Phenanthrene, 2-methyl- *	110.000	J			
P2548-04	BH5Y1	Solid	unknown-01 *	88.000	J			
P2548-04	BH5Y1	Solid	Total Alkanes *	0.000		32	210	ug/Kg
Total Tics :				11,692.00				
P2548-04	BH5Y1	Solid	Acenaphthene	70.000	J	32	210	ug/Kg
P2548-04	BH5Y1	Solid	Anthracene	140.000	J	31	210	ug/Kg
P2548-04	BH5Y1	Solid	Benzo(a)anthracene	490.000		28	210	ug/Kg
P2548-04	BH5Y1	Solid	Benzo(a)pyrene	450.000		38	210	ug/Kg
P2548-04	BH5Y1	Solid	Benzo(b)fluoranthene	620.000		46	210	ug/Kg
P2548-04	BH5Y1	Solid	Benzo(g,h,i)perylene	290.000		39	210	ug/Kg
P2548-04	BH5Y1	Solid	Benzo(k)fluoranthene	210.000		47	210	ug/Kg
P2548-04	BH5Y1	Solid	Carbazole	120.000	J	42	410	ug/Kg
P2548-04	BH5Y1	Solid	Chrysene	510.000		30	210	ug/Kg
P2548-04	BH5Y1	Solid	Dibenzo(a,h)anthracene	89.000	J	32	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG052424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2548-04	BH5Y1	Solid	Dibenzofuran	44.000	J	33	210	ug/Kg
P2548-04	BH5Y1	Solid	Fluoranthene	1,100.000		23	210	ug/Kg
P2548-04	BH5Y1	Solid	Fluorene	64.000	J	33	210	ug/Kg
P2548-04	BH5Y1	Solid	Indeno(1,2,3-cd)pyrene	240.000		34	210	ug/Kg
P2548-04	BH5Y1	Solid	Phenanthrene	840.000		33	210	ug/Kg
P2548-04	BH5Y1	Solid	Pyrene	840.000		22	210	ug/Kg
Total Svoc :				6,117.00				
Total Concentration:				17,809.00				
Client ID : BH5Y3								
P2548-06	BH5Y3	Solid	(DEL) Alkane: Straight-Chain25.7 *	140.000	J			
P2548-06	BH5Y3	Solid	3-Buten-2-one, 3-methyl- *	91.000	J			
P2548-06	BH5Y3	Solid	4H-Cyclopenta[def]phenanthrene *	150.000	J			
P2548-06	BH5Y3	Solid	7H-Benz[de]anthracen-7-one *	110.000	J			
P2548-06	BH5Y3	Solid	9,10-Dimethylanthracene *	87.000	J			
P2548-06	BH5Y3	Solid	Anthracene, 2-methyl- *	120.000	J			
P2548-06	BH5Y3	Solid	Benzo[b]naphtho[2,3-d]thiophene *	87.000	J			
P2548-06	BH5Y3	Solid	Benzo[e]pyrene *	270.000	J			
P2548-06	BH5Y3	Solid	Butane, 2-methoxy-2-methyl- *	9,300.000	J			
P2548-06	BH5Y3	Solid	Pentacene *	130.000	J			
P2548-06	BH5Y3	Solid	Phenanthrene, 1-methyl- *	88.000	J			
P2548-06	BH5Y3	Solid	unknown-01 *	160.000	J			
P2548-06	BH5Y3	Solid	unknown-02 *	180.000	J			
P2548-06	BH5Y3	Solid	unknown-03 *	140.000	J			
P2548-06	BH5Y3	Solid	unknown-04 *	150.000	J			
P2548-06	BH5Y3	Solid	Total Alkanes *	140.000		30	200	ug/Kg
Total Tics :				11,343.00				
P2548-06	BH5Y3	Solid	Acenaphthene	46.000	J	30	200	ug/Kg
P2548-06	BH5Y3	Solid	Anthracene	110.000	J	29	200	ug/Kg
P2548-06	BH5Y3	Solid	Benzo(a)anthracene	430.000		26	200	ug/Kg
P2548-06	BH5Y3	Solid	Benzo(a)pyrene	400.000		36	200	ug/Kg
P2548-06	BH5Y3	Solid	Benzo(b)fluoranthene	560.000		43	200	ug/Kg
P2548-06	BH5Y3	Solid	Benzo(g,h,i)perylene	290.000		37	200	ug/Kg
P2548-06	BH5Y3	Solid	Benzo(k)fluoranthene	200.000		44	200	ug/Kg
P2548-06	BH5Y3	Solid	Bis(2-ethylhexyl)phthalate	240.000		29	200	ug/Kg
P2548-06	BH5Y3	Solid	Butylbenzylphthalate	70.000	J	25	200	ug/Kg
P2548-06	BH5Y3	Solid	Carbazole	74.000	J	39	380	ug/Kg
P2548-06	BH5Y3	Solid	Chrysene	460.000		28	200	ug/Kg
P2548-06	BH5Y3	Solid	Dibenzo(a,h)anthracene	79.000	J	30	200	ug/Kg
P2548-06	BH5Y3	Solid	Fluoranthene	990.000		22	200	ug/Kg
P2548-06	BH5Y3	Solid	Fluorene	40.000	J	31	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG052424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2548-06	BH5Y3	Solid	Indeno(1,2,3-cd)pyrene	230.000		32	200	ug/Kg
P2548-06	BH5Y3	Solid	Phenanthrene	690.000		31	200	ug/Kg
P2548-06	BH5Y3	Solid	Pyrene	830.000		21	200	ug/Kg
Total Svoc :				5,739.00				
Total Concentration:				17,082.00				
Client ID : BH5Y5								
P2548-08	BH5Y5	Solid	Benzo[j]fluoranthene	*	110.000	J		
P2548-08	BH5Y5	Solid	Butane, 2-methoxy-2-methyl-	*	10,000.000	J		
P2548-08	BH5Y5	Solid	Total Alkanes	*	0.000	30	200	ug/Kg
Total Tics :				10,110.00				
P2548-08	BH5Y5	Solid	Anthracene		40.000	J 29	200	ug/Kg
P2548-08	BH5Y5	Solid	Benzo(a)anthracene		190.000	J 27	200	ug/Kg
P2548-08	BH5Y5	Solid	Benzo(a)pyrene		190.000	J 36	200	ug/Kg
P2548-08	BH5Y5	Solid	Benzo(b)fluoranthene		250.000	43	200	ug/Kg
P2548-08	BH5Y5	Solid	Benzo(g,h,i)perylene		130.000	J 37	200	ug/Kg
P2548-08	BH5Y5	Solid	Benzo(k)fluoranthene		81.000	J 44	200	ug/Kg
P2548-08	BH5Y5	Solid	Bis(2-ethylhexyl)phthalate		43.000	J 29	200	ug/Kg
P2548-08	BH5Y5	Solid	Chrysene		210.000	28	200	ug/Kg
P2548-08	BH5Y5	Solid	Dibenzo(a,h)anthracene		39.000	J 30	200	ug/Kg
P2548-08	BH5Y5	Solid	Fluoranthene		420.000	22	200	ug/Kg
P2548-08	BH5Y5	Solid	Indeno(1,2,3-cd)pyrene		110.000	J 33	200	ug/Kg
P2548-08	BH5Y5	Solid	Phenanthrene		280.000	31	200	ug/Kg
P2548-08	BH5Y5	Solid	Pyrene		360.000	21	200	ug/Kg
Total Svoc :				2,343.00				
Total Concentration:				12,453.00				
Client ID : BH5Y7								
P2548-10	BH5Y7	Solid	(DEL) Alkane: Straight-Chain4.3(	*	130.000	J		
P2548-10	BH5Y7	Solid	4H-Cyclopenta[def]phenanthrene	*	97.000	J		
P2548-10	BH5Y7	Solid	5(10H)-Pyrido[3,4-b]quinolone, 7	*	140.000	J		
P2548-10	BH5Y7	Solid	9-Octadecenamide, (Z)-	*	120.000	J		
P2548-10	BH5Y7	Solid	Butane, 2-methoxy-2-methyl-	*	11,000.000	J		
P2548-10	BH5Y7	Solid	Nonadecane, 1-chloro-	*	85.000	J		
P2548-10	BH5Y7	Solid	Phenanthrene, 4-methyl-	*	96.000	J		
P2548-10	BH5Y7	Solid	Pilocarpine	*	210.000	J		
P2548-10	BH5Y7	Solid	unknown-01	*	87.000	J		
P2548-10	BH5Y7	Solid	unknown-02	*	150.000	J		
P2548-10	BH5Y7	Solid	unknown-03	*	120.000	J		
P2548-10	BH5Y7	Solid	Total Alkanes	*	130.000	29	190	ug/Kg
Total Tics :				12,365.00				
P2548-10	BH5Y7	Solid	Anthracene		57.000	J 28	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG052424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2548-10	BH5Y7	Solid	Benzo(a)anthracene	270.000		26	190	ug/Kg
P2548-10	BH5Y7	Solid	Benzo(a)pyrene	280.000		34	190	ug/Kg
P2548-10	BH5Y7	Solid	Benzo(b)fluoranthene	380.000		41	190	ug/Kg
P2548-10	BH5Y7	Solid	Benzo(g,h,i)perylene	200.000		36	190	ug/Kg
P2548-10	BH5Y7	Solid	Benzo(k)fluoranthene	130.000	J	42	190	ug/Kg
P2548-10	BH5Y7	Solid	Bis(2-ethylhexyl)phthalate	120.000	J	28	190	ug/Kg
P2548-10	BH5Y7	Solid	Butylbenzylphthalate	50.000	J	24	190	ug/Kg
P2548-10	BH5Y7	Solid	Carbazole	39.000	J	38	370	ug/Kg
P2548-10	BH5Y7	Solid	Chrysene	310.000		27	190	ug/Kg
P2548-10	BH5Y7	Solid	Dibenzo(a,h)anthracene	55.000	J	29	190	ug/Kg
P2548-10	BH5Y7	Solid	Fluoranthene	620.000		21	190	ug/Kg
P2548-10	BH5Y7	Solid	Indeno(1,2,3-cd)pyrene	160.000	J	31	190	ug/Kg
P2548-10	BH5Y7	Solid	Phenanthrene	360.000		30	190	ug/Kg
P2548-10	BH5Y7	Solid	Pyrene	530.000		20	190	ug/Kg

Total Svoc : 3,561.00

Total Concentration: 15,926.00

Client ID : BH612

P2548-17	BH612	Solid	(DEL) Alkane: Straight-Chain25.7 *	120.000	J			
P2548-17	BH612	Solid	(DEL) Alkane: Straight-Chain26.9 *	100.000	J			
P2548-17	BH612	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1 *	300.000	J			
P2548-17	BH612	Solid	Butane, 2-methoxy-2-methyl- *	1,400.000	J			
P2548-17	BH612	Solid	Octacosyl trifluoroacetate *	140.000	J			
P2548-17	BH612	Solid	unknown-01 *	110.000	J			
P2548-17	BH612	Solid	unknown-02 *	84.000	J			
P2548-17	BH612	Solid	Total Alkanes *	220.000		29	190	ug/Kg

Total Tics : 2,474.00

P2548-17	BH612	Solid	Benzo(a)anthracene	77.000	J	26	190	ug/Kg
P2548-17	BH612	Solid	Benzo(a)pyrene	86.000	J	35	190	ug/Kg
P2548-17	BH612	Solid	Benzo(b)fluoranthene	110.000	J	42	190	ug/Kg
P2548-17	BH612	Solid	Benzo(g,h,i)perylene	61.000	J	36	190	ug/Kg
P2548-17	BH612	Solid	Chrysene	88.000	J	27	190	ug/Kg
P2548-17	BH612	Solid	Fluoranthene	140.000	J	22	190	ug/Kg
P2548-17	BH612	Solid	Indeno(1,2,3-cd)pyrene	51.000	J	32	190	ug/Kg
P2548-17	BH612	Solid	Phenanthrene	62.000	J	31	190	ug/Kg
P2548-17	BH612	Solid	Pyrene	140.000	J	20	190	ug/Kg

Total Svoc : 815.00

Total Concentration: 3,289.00

Client ID : BH613

P2548-18	BH613	Solid	Butane, 2-methoxy-2-methyl- *	9,600.000	J			
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Hit Summary Sheet SW-846

SDG No.: BG052424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2548-18	BH613	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :				9,600.00				
P2548-18	BH613	Solid	Benzo(a)pyrene		45.000	J 38	210	ug/Kg
P2548-18	BH613	Solid	Benzo(b)fluoranthene		54.000	J 45	210	ug/Kg
P2548-18	BH613	Solid	Chrysene		48.000	J 29	210	ug/Kg
P2548-18	BH613	Solid	Fluoranthene		77.000	J 23	210	ug/Kg
P2548-18	BH613	Solid	Pyrene		72.000	J 22	210	ug/Kg
Total Svoc :				296.00				
Total Concentration:				9,896.00				
Client ID : BH614								
P2548-19	BH614	Solid	(DEL) Alkane: Straight-Chain25.7	*	90.000	J		
P2548-19	BH614	Solid	Butane, 2-methoxy-2-methyl-	*	11,000.000	J		
P2548-19	BH614	Solid	Total Alkanes	*	90.000	31	200	ug/Kg
Total Tics :				11,180.00				
P2548-19	BH614	Solid	Benzo(a)anthracene		63.000	J 27	200	ug/Kg
P2548-19	BH614	Solid	Benzo(a)pyrene		76.000	J 37	200	ug/Kg
P2548-19	BH614	Solid	Benzo(b)fluoranthene		95.000	J 44	200	ug/Kg
P2548-19	BH614	Solid	Benzo(g,h,i)perylene		57.000	J 38	200	ug/Kg
P2548-19	BH614	Solid	Chrysene		85.000	J 29	200	ug/Kg
P2548-19	BH614	Solid	Fluoranthene		130.000	J 23	200	ug/Kg
P2548-19	BH614	Solid	Indeno(1,2,3-cd)pyrene		45.000	J 33	200	ug/Kg
P2548-19	BH614	Solid	Phenanthrene		56.000	J 32	200	ug/Kg
P2548-19	BH614	Solid	Pyrene		120.000	J 21	200	ug/Kg
Total Svoc :				727.00				
Total Concentration:				11,907.00				
Client ID : BH615								
P2548-20	BH615	Solid	(DEL) Alkane: Straight-Chain25.7	*	94.000	J		
P2548-20	BH615	Solid	1,3-Dioxolane, 2,2-dimethyl-	*	730.000	J		
P2548-20	BH615	Solid	Butane, 2-methoxy-2-methyl-	*	13,000.000	J		
P2548-20	BH615	Solid	unknown-01	*	91.000	J		
P2548-20	BH615	Solid	Total Alkanes	*	94.000	34	220	ug/Kg
Total Tics :				14,009.00				
P2548-20	BH615	Solid	Benzo(a)anthracene		130.000	J 30	220	ug/Kg
P2548-20	BH615	Solid	Benzo(a)pyrene		150.000	J 40	220	ug/Kg
P2548-20	BH615	Solid	Benzo(b)fluoranthene		200.000	J 48	220	ug/Kg
P2548-20	BH615	Solid	Benzo(g,h,i)perylene		110.000	J 41	220	ug/Kg
P2548-20	BH615	Solid	Benzo(k)fluoranthene		60.000	J 49	220	ug/Kg
P2548-20	BH615	Solid	Chrysene		150.000	J 31	220	ug/Kg
P2548-20	BH615	Solid	Fluoranthene		260.000	J 24	220	ug/Kg
P2548-20	BH615	Solid	Indeno(1,2,3-cd)pyrene		88.000	J 36	220	ug/Kg



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BG052424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2548-20	BH615	Solid	Phenanthrene	120.000	J	35	220	ug/Kg
P2548-20	BH615	Solid	Pyrene	240.000		23	220	ug/Kg
Total Svoc :						1,508.00		
Total Concentration:						15,517.00		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG052124 SAS No.: BG052124 SDG No.: BG052124

Instrument ID: _____ Calibration Date(s): 5/21/2024 : _____

Calibration Time(s): 10:31 _____

LAB FILE ID:		RRFAL1 = BG061249.D		RRFAL2 = BG061250.D		RRFAL3 = BG061251.D		
		RRFAL4 = BG061252.D		RRFAL5 = BG061253.D		RRFAL6 = BG061254.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.512	0.417	0.413	0.390	0.413		0.429	11.1
Benzaldehyde		0.937	1.036	0.973	0.795	0.552	0.859	22.5
Pyridine		1.281	1.256	1.293	1.247	1.210	1.258	2.6
Hexachloroethane	0.513	0.597	0.582	0.589	0.576		0.572	5.9
Nitrobenzene	0.428	0.414	0.422	0.427	0.421		0.422	1.3
Isophorone	0.860	0.861	0.881	0.862	0.831		0.859	2.1
2-Nitrophenol	0.191	0.197	0.195	0.198	0.197		0.196	1.4
2,4-Dimethylphenol	0.367	0.377	0.399	0.393	0.401		0.388	3.8
Bis(2-Chloroethoxy)methane	0.411	0.430	0.440	0.441	0.431		0.431	2.8
2,4-Dichlorophenol	0.302	0.317	0.321	0.340	0.337		0.324	4.8
Naphthalene	1.047	1.060	1.047	1.074	1.049		1.056	1.1
4-Chloroaniline		0.476	0.457	0.469	0.455	0.427	0.457	4.1
Hexachlorobutadiene	0.323	0.306	0.320	0.317	0.316		0.316	2.0
Phenol		1.530	1.670	1.712	1.749	1.705	1.673	5.1
Caprolactam		0.133	0.133	0.128	0.118	0.107	0.124	8.9
4-Chloro-3-methylphenol	0.411	0.412	0.426	0.423	0.420		0.418	1.6
1-Methylnaphthalene	0.785	0.792	0.782	0.798	0.770		0.786	1.4
2-Methylnaphthalene	0.760	0.750	0.773	0.778	0.766		0.766	1.4
Hexachlorocyclopentadiene		0.126	0.322	0.291	0.352	0.400	0.298	35.1
2,4,6-Trichlorophenol	0.327	0.353	0.378	0.392	0.410		0.372	8.7
2,4,5-Trichlorophenol	0.338	0.370	0.396	0.411	0.444		0.392	10.3
1,1-Biphenyl	1.293	1.313	1.279	1.295	1.285		1.293	1.0
2-Chloronaphthalene	0.984	1.021	1.005	1.031	1.049		1.018	2.4
2-Nitroaniline	0.407	0.428	0.413	0.421	0.431		0.420	2.4
Bis(2-Chloroethyl)ether		1.197	1.245	1.235	1.259	1.184	1.224	2.6
Dimethylphthalate	1.723	1.666	1.570	1.572	1.552		1.617	4.6
2,6-Dinitrotoluene	0.308	0.316	0.314	0.321	0.326		0.317	2.1
Acenaphthylene	1.804	1.803	1.760	1.777	1.797		1.788	1.1
3-Nitroaniline		0.287	0.282	0.283	0.277	0.246	0.275	6.0
Acenaphthene	1.177	1.171	1.165	1.164	1.189		1.173	0.9
2,4-Dinitrophenol		0.119	0.147	0.175	0.199	0.201	0.168	20.8
4-Nitrophenol		0.188	0.222	0.234	0.250	0.234	0.225	10.3
Dibenzofuran	1.716	1.705	1.637	1.662	1.667		1.677	1.9
2,4-Dinitrotoluene	0.484	0.483	0.487	0.480	0.477		0.482	0.8
Diethylphthalate	1.687	1.661	1.553	1.568	1.513		1.597	4.7
2-Chlorophenol	1.201	1.247	1.328	1.317	1.330		1.285	4.5

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.: BG052124 SAS No.: BG052124 SDG No.: BG052124

Instrument ID: _____ Calibration Date(s): 5/21/2024 : _____

Calibration Time(s): 10:31 _____

LAB FILE ID:		RRFAL1 = BG061249.D		RRFAL2 = BG061250.D		RRFAL3 = BG061251.D		
		RRFAL4 = BG061252.D		RRFAL5 = BG061253.D		RRFAL6 = BG061254.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.464	1.501	1.438	1.439	1.414		1.451	2.3
4-Chlorophenyl-phenylether	0.870	0.851	0.854	0.844	0.838		0.851	1.4
4-Nitroaniline		0.293	0.300	0.303	0.287	0.250	0.287	7.4
4,6-Dinitro-2-methylphenol		0.114	0.125	0.129	0.133	0.134	0.127	6.2
N-Nitrosodiphenylamine	0.476	0.511	0.508	0.509	0.510		0.503	3.0
1,2,4,5-Tetrachlorobenzene	0.640	0.651	0.633	0.678	0.699		0.660	4.2
4-Bromophenyl-phenylether	0.213	0.243	0.242	0.243	0.245		0.237	5.8
Hexachlorobenzene	0.250	0.260	0.269	0.270	0.268		0.263	3.1
Atrazine		0.224	0.201	0.208	0.188	0.174	0.199	9.5
Pentachlorophenol		0.058	0.078	0.090	0.111	0.122	0.092	27.6
2-Methylphenol		1.228	1.339	1.374	1.345	1.199	1.297	6.0
Phenanthrene	0.966	0.975	0.972	0.983	0.958		0.971	1.0
Pentachlorobenzene	0.277	0.287	0.295	0.297	0.305		0.292	3.6
Anthracene	1.005	1.014	1.003	1.001	0.996		1.004	0.7
1,2,3,4-Tetrachlorobenzene	0.242	0.258	0.268	0.270	0.284		0.264	6.0
Carbazole		0.825	0.840	0.826	0.814	0.778	0.816	2.9
Di-n-butylphthalate	1.012	1.028	1.035	1.029	1.012		1.023	1.0
Fluoranthene	1.198	1.249	1.206	1.297	1.209		1.232	3.4
Pyrene	1.260	1.330	1.246	1.317	1.241		1.279	3.2
Butylbenzylphthalate	0.414	0.429	0.452	0.451	0.451		0.439	3.9
3,3-Dichlorobenzidine		0.454	0.453	0.460	0.416	0.339	0.425	12.0
2,2-oxybis (1-Chloropropane)		3.303	3.459	3.415	3.404	2.947	3.306	6.3
Benzo (a) anthracene	1.334	1.387	1.390	1.413	1.376		1.380	2.1
Chrysene	1.229	1.276	1.275	1.303	1.270		1.271	2.1
Bis (2-ethylhexyl) phthalate	0.634	0.642	0.654	0.663	0.658		0.650	1.8
Di-n-octyl phthalate		1.019	0.995	1.031	1.009	0.949	1.001	3.2
Benzo (b) fluoranthene	1.147	1.221	1.164	1.213	1.209		1.191	2.8
Benzo (k) fluoranthene	1.170	1.191	1.220	1.246	1.219		1.209	2.4
Benzo (a) pyrene	1.069	1.142	1.119	1.161	1.164		1.131	3.5
Indeno (1,2,3-cd) pyrene	1.322	1.376	1.337	1.397	1.405		1.367	2.7
Dibenzo (a,h) anthracene	1.052	1.130	1.116	1.164	1.176		1.128	4.3
Benzo (g,h,i) perylene	1.054	1.085	1.067	1.115	1.116		1.088	2.6
Acetophenone		2.465	2.526	2.464	2.399	2.098	2.390	7.1
2,3,4,6-Tetrachlorophenol	0.287	0.344	0.362	0.385	0.409		0.357	12.9
1,4-Dioxane-d8	0.351	0.330	0.365	0.361	0.380		0.357	5.1
Pyridine-d5		1.354	1.285	1.276	1.236	1.206	1.271	4.4

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.: BG052124 SAS No.: BG052124 SDG No.: BG052124
Instrument ID: _____ Calibration Date(s): 5/21/2024 : _____
Calibration Time(s): 10:31 _____

LAB FILE ID:		RRFAL1 = BG061249.D			RRFAL2 = BG061250.D		RRFAL3 = BG061251.D	
		RRFAL4 = BG061252.D			RRFAL5 = BG061253.D		RRFAL6 = BG061254.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.505	1.723	1.655	1.677	1.652	1.642	5.0
Bis-(2-Chloroethyl)ether-d8		1.013	1.043	1.063	1.057	0.986	1.032	3.1
2-Chlorophenol-d4	1.140	1.133	1.267	1.259	1.278		1.216	5.9
4-Methylphenol-d8		1.312	1.489	1.452	1.439	1.311	1.400	6.0
Nitrobenzene-d5	0.148	0.153	0.158	0.157	0.155		0.154	2.7
2-Nitrophenol-d4	0.174	0.172	0.181	0.187	0.186		0.180	3.7
2,4-Dichlorophenol-d3	0.315	0.344	0.359	0.369	0.371		0.351	6.5
4-Chloroaniline-d4		0.469	0.463	0.473	0.461	0.433	0.460	3.4
4-Methylphenol		1.351	1.564	1.490	1.465	1.314	1.437	7.1
Dimethylphthalate-d6	1.612	1.613	1.518	1.523	1.491		1.551	3.7
Acenaphthylene-d8	1.608	1.650	1.579	1.594	1.633		1.613	1.8
4-Nitrophenol-d4		0.169	0.187	0.203	0.207	0.194	0.192	7.8
Fluorene-d10	1.347	1.384	1.307	1.320	1.338		1.339	2.2
4,6-Dinitro-2-methylphenol-		0.104	0.121	0.123	0.127	0.129	0.121	8.4
Anthracene-d10	0.890	0.877	0.881	0.885	0.876		0.882	0.7
Pyrene-d10	0.991	1.038	1.018	1.073	1.014		1.027	3.0
Benzo(a)pyrene-d12	0.932	0.956	0.950	0.983	0.988		0.962	2.4
N-Nitroso-di-n-propylamine	1.229	1.368	1.398	1.307	1.269		1.314	5.3

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.: BG052424 SAS No.: BG052424 SDG NO.: BG052424

EPA Sample No.: SSTD020415 Date Analyzed: May 24 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 08:59

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	20969	7.889	99753	10.69	91870	14.52
UPPER LIMIT	41938	8.389	199506	11.185	183740	15.022
LOWER LIMIT	10484.5	7.389	49876.5	10.185	45935	14.022
EPA SAMPLE NO.						
01 SBLK058	19367	7.88	86572	10.68	75303	14.52
02 BH5Y3	21289	7.89	94064	10.68	83263	14.52
03 BH5X8	22386	7.88	95394	10.68	82471	14.52
04 BH5Y1	23799	7.88	104371	10.68	90321	14.52
05 BH5Y7	20797	7.88	89218	10.68	76313	14.52
06 BH612	17650	7.89	79742	10.68	67868	14.52
07 BH613	23718	7.88	106002	10.68	91827	14.52
08 BH5Y5	23059	7.88	98878	10.68	84697	14.52
09 BH614	20396	7.89	89812	10.68	79164	14.52
10 BH615	19800	7.89	85179	10.68	73326	14.52
11 SLCS058	20712	7.89	90001	10.68	75984	14.52

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.: BG052424 SAS No.: BG052424 SDG NO.: BG052424

EPA Sample No.: SSTD020495 Date Analyzed: May 24 2024 12:00AM

Lab File ID: BG061280.D Time Analyzed: 08:59

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	20279	7.888	93736	10.68	80748	14.52
UPPER LIMIT	40558	8.388	187472	11.179	161496	15.021
LOWER LIMIT	10139.5	7.388	46868	10.179	40374	14.021
EPA SAMPLE NO.						
01 SBLK058	19367	7.88	86572	10.68	75303	14.52
02 BH5Y3	21289	7.89	94064	10.68	83263	14.52
03 BH5X8	22386	7.88	95394	10.68	82471	14.52
04 BH5Y1	23799	7.88	104371	10.68	90321	14.52
05 BH5Y7	20797	7.88	89218	10.68	76313	14.52
06 BH612	17650	7.89	79742	10.68	67868	14.52
07 BH613	23718	7.88	106002	10.68	91827	14.52
08 BH5Y5	23059	7.88	98878	10.68	84697	14.52
09 BH614	20396	7.89	89812	10.68	79164	14.52
10 BH615	19800	7.89	85179	10.68	73326	14.52
11 SLCS058	20712	7.89	90001	10.68	75984	14.52

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.: BG052424 SAS No.: BG052424 SDG NO.: BG052424

EPA Sample No.: SSTD020415 Date Analyzed: May 24 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 08:59

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	227826	17.272	240370	21.52	270964	24.61
UPPER LIMIT	455652	17.772	480740	22.02	541928	25.11
LOWER LIMIT	113913	16.772	120185	21.02	135482	24.11
EPA SAMPLE NO.						
01 SBLK058	196364	17.27	206044	21.52	232684	24.60
02 BH5Y3	209802	17.27	210806	21.52	238903	24.61
03 BH5X8	217723	17.27	217640	21.52	241936	24.60
04 BH5Y1	218938	17.27	220867	21.52	248094	24.60
05 BH5Y7	194384	17.27	189437	21.52	212202	24.61
06 BH612	167697	17.27	162501	21.52	186497	24.60
07 BH613	236272	17.27	240102	21.52	269292	24.60
08 BH5Y5	205702	17.27	211164	21.52	237598	24.61
09 BH614	203060	17.27	206181	21.52	234007	24.60
10 BH615	187848	17.27	191305	21.52	213169	24.60
11 SLCS058	184545	17.27	184347	21.52	209049	24.61

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.: BG052424 SAS No.: BG052424 SDG NO.: BG052424

EPA Sample No.: SSTD020495 Date Analyzed: May 24 2024 12:00AM

Lab File ID: BG061280.D Time Analyzed: 08:59

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	202909	17.265	210306	21.519	235871	24.604
UPPER LIMIT	405818	17.765	420612	22.019	471742	25.104
LOWER LIMIT	101454.5	16.765	105153	21.019	117935.5	24.104
EPA SAMPLE NO.						
01 SBLK058	196364	17.27	206044	21.52	232684	24.60
02 BH5Y3	209802	17.27	210806	21.52	238903	24.61
03 BH5X8	217723	17.27	217640	21.52	241936	24.60
04 BH5Y1	218938	17.27	220867	21.52	248094	24.60
05 BH5Y7	194384	17.27	189437	21.52	212202	24.61
06 BH612	167697	17.27	162501	21.52	186497	24.60
07 BH613	236272	17.27	240102	21.52	269292	24.60
08 BH5Y5	205702	17.27	211164	21.52	237598	24.61
09 BH614	203060	17.27	206181	21.52	234007	24.60
10 BH615	187848	17.27	191305	21.52	213169	24.60
11 SLCS058	184545	17.27	184347	21.52	209049	24.61

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.: BG052424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161058BS	1,4-Dioxane	530	360	ug/Kg	68				0	0		
	Benzaldehyde	1300	1300	ug/Kg	100				0	0		
	Pyridine	1300	940	ug/Kg	72				0	0		
	Phenol	1300	1100	ug/Kg	85				0	0		
	Bis(2-chloroethyl)ether	1300	1000	ug/Kg	77				0	0		
	2-Chlorophenol	1300	1100	ug/Kg	85				0	0		
	2-Methylphenol	1300	1000	ug/Kg	77				0	0		
	2,2-oxybis(1-Chloropropane)	1300	960	ug/Kg	74				0	0		
	Acetophenone	1300	990	ug/Kg	76				0	0		
	4-Methylphenol	1300	1000	ug/Kg	77				0	0		
	N-Nitroso-di-n-propylamine	1300	890	ug/Kg	68				0	0		
	Hexachloroethane	1300	1000	ug/Kg	77				0	0		
	Nitrobenzene	1300	970	ug/Kg	75				0	0		
	Isophorone	1300	950	ug/Kg	73				0	0		
	2-Nitrophenol	1300	1100	ug/Kg	85				0	0		
	2,4-Dimethylphenol	1300	950	ug/Kg	73				0	0		
	Bis(2-chloroethoxy)methane	1300	990	ug/Kg	76				0	0		
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0		
	Naphthalene	1300	1000	ug/Kg	77				0	0		
	4-Chloroaniline	1300	890	ug/Kg	68				0	0		
	Hexachlorobutadiene	1300	1000	ug/Kg	77				0	0		
	Caprolactam	1300	1000	ug/Kg	77				0	0		
	4-Chloro-3-methylphenol	1300	1000	ug/Kg	77				0	0		
	1-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	Hexachlorocyclopentadiene	1300	600	ug/Kg	46				0	0		
	2,4,6-Trichlorophenol	1300	1100	ug/Kg	85				0	0		
	2,4,5-Trichlorophenol	1300	1100	ug/Kg	85				0	0		
	1,1'-Biphenyl	1300	1100	ug/Kg	85				0	0		
	2-Chloronaphthalene	1300	1100	ug/Kg	85				0	0		
	2-Nitroaniline	1300	1000	ug/Kg	77				0	0		
	Dimethylphthalate	1300	960	ug/Kg	74				0	0		
	2,6-Dinitrotoluene	1300	1000	ug/Kg	77				0	0		
	Acenaphthylene	1300	1000	ug/Kg	77				0	0		
	3-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Acenaphthene	1300	1000	ug/Kg	77				0	0		
	2,4-Dinitrophenol	1300	780	ug/Kg	60				0	0		
	4-Nitrophenol	1300	970	ug/Kg	75				0	0		
	Dibenzofuran	1300	1100	ug/Kg	85				0	0		
	2,4-Dinitrotoluene	1300	1000	ug/Kg	77				0	0		
	Diethylphthalate	1300	970	ug/Kg	75				0	0		
	Fluorene	1300	1000	ug/Kg	77				0	0		
	4-Chlorophenyl-phenylether	1300	1000	ug/Kg	77				0	0		
	4-Nitroaniline	1300	1100	ug/Kg	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG052424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161058BS	4,6-Dinitro-2-methylphenol	1300	970	ug/Kg	75				0	0		
	N-Nitrosodiphenylamine	1300	1100	ug/Kg	85				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0		
	4-Bromophenyl-phenylether	1300	1000	ug/Kg	77				0	0		
	Hexachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Atrazine	1300	1000	ug/Kg	77				0	0		
	Pentachlorophenol	1300	910	ug/Kg	70				0	0		
	Phenanthrene	1300	1000	ug/Kg	77				0	0		
	Pentachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Anthracene	1300	1000	ug/Kg	77				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Carbazole	1300	1000	ug/Kg	77				0	0		
	Di-n-butylphthalate	1300	1000	ug/Kg	77				0	0		
	Fluoranthene	1300	1000	ug/Kg	77				0	0		
	Pyrene	1300	1000	ug/Kg	77				0	0		
	Butylbenzylphthalate	1300	1100	ug/Kg	85				0	0		
	3,3'-Dichlorobenzidine	1300	1100	ug/Kg	85				0	0		
	Benzo(a)anthracene	1300	1000	ug/Kg	77				0	0		
	Chrysene	1300	1100	ug/Kg	85				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1100	ug/Kg	85				0	0		
	Di-n-octylphthalate	1300	1000	ug/Kg	77				0	0		
	Benzo(b)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(k)fluoranthene	1300	1000	ug/Kg	77				0	0		
	Benzo(a)pyrene	1300	940	ug/Kg	72				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1100	ug/Kg	85				0	0		
	Dibenzo(a,h)anthracene	1300	1100	ug/Kg	85				0	0		
	Benzo(g,h,i)perylene	1300	1000	ug/Kg	77				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1000	ug/Kg	77				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK058

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG052424

SAS No.: BG052424 SDG NO.: BG052424

Lab File ID: BG061281.D

Lab Sample ID: PB161058BL

Instrument ID: BNA_G

Date Extracted: 05/22/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/24/2024

Level: (low/med) LOW

Time Analyzed: 08:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH5Y3	P2548-06	BG061282.D	05/24/2024
BH5X8	P2548-01	BG061283.D	05/24/2024
BH5Y1	P2548-04	BG061284.D	05/24/2024
BH5Y7	P2548-10	BG061285.D	05/24/2024
BH612	P2548-17	BG061286.D	05/24/2024
BH613	P2548-18	BG061287.D	05/24/2024
BH5Y5	P2548-08	BG061288.D	05/24/2024
BH614	P2548-19	BG061289.D	05/24/2024
BH615	P2548-20	BG061290.D	05/24/2024
PB161058BS	PB161058BS	BG061291.D	05/24/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BG052424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2548-01	BH5X8	BG061283.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	1.07	3	*	20	120
			Phenol-d5	40	5.76	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.30	16		10	150
			2-Chlorophenol-d4	40	6.02	15		15	120
			4-Methylphenol-d8	40	5.07	13		10	140
			Nitrobenzene-d5	40	6.46	16		10	135
			2-Nitrophenol-d4	40	6.44	16		10	120
			2,4-Dichlorophenol-d3	40	5.92	15		10	140
			4-Chloroaniline-d4	40	4.84	12		1	145
			Dimethylphthalate-d6	40	6.09	15		10	145
			Acenaphthylene-d8	40	6.33	16		15	120
			4-Nitrophenol-d4	40	4.15	10		10	150
			Fluorene-d10	40	6.60	16	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.87	10		10	130
			Anthracene-d10	40	6.39	16		10	150
			Pyrene-d10	40	6.53	16		10	130
			Benzo(a)pyrene-d12	40	6.60	16		10	140
P2548-04	BH5Y1	BG061284.D	1,4-Dioxane-d8	8	1.02	13	*	15	120
			Pyridine-d5	40	1.61	4	*	20	120
			Phenol-d5	40	9.44	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.49	24		10	150
			2-Chlorophenol-d4	40	10.47	26		15	120
			4-Methylphenol-d8	40	8.85	22		10	140
			Nitrobenzene-d5	40	10.03	25		10	135
			2-Nitrophenol-d4	40	9.30	23		10	120
			2,4-Dichlorophenol-d3	40	9.74	24		10	140
			4-Chloroaniline-d4	40	7.63	19		1	145
			Dimethylphthalate-d6	40	9.55	24		10	145
			Acenaphthylene-d8	40	9.80	24		15	120
			4-Nitrophenol-d4	40	7.06	18		10	150
			Fluorene-d10	40	10.03	25		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.75	17		10	130
			Anthracene-d10	40	10.51	26		10	150
			Pyrene-d10	40	10.53	26		10	130
			Benzo(a)pyrene-d12	40	10.45	26		10	140
P2548-06	BH5Y3	BG061282.D	Pyridine-d5	40	4.79	12	*	20	120
			1,4-Dioxane-d8	8	1.65	21		15	120
			Phenol-d5	40	8.51	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.04	23		10	150
			2-Chlorophenol-d4	40	9.56	24		15	120
			4-Methylphenol-d8	40	6.35	16		10	140
			Nitrobenzene-d5	40	9.20	23		10	135
			2-Nitrophenol-d4	40	9.43	24		10	120
			2,4-Dichlorophenol-d3	40	8.99	22		10	140
			4-Chloroaniline-d4	40	4.40	11		1	145
			Dimethylphthalate-d6	40	9.34	23		10	145
			Acenaphthylene-d8	40	9.61	24		15	120
			4-Nitrophenol-d4	40	5.94	15		10	150

Surrogate Summary

SW-846

SDG No.: BG052424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2548-06	BH5Y3	BG061282.D	Fluorene-d10	40	9.88	25		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.55	16		10	130
			Anthracene-d10	40	9.95	25		10	150
			Pyrene-d10	40	10.30	26		10	130
			Benzo(a)pyrene-d12	40	10.06	25		10	140
P2548-08	BH5Y5	BG061288.D	1,4-Dioxane-d8	8	2.19	27		15	120
			Pyridine-d5	40	2.84	7	*	20	120
			Phenol-d5	40	11.78	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.48	31		10	150
			2-Chlorophenol-d4	40	12.63	32		15	120
			4-Methylphenol-d8	40	10.01	25		10	140
			Nitrobenzene-d5	40	12.95	32		10	135
			2-Nitrophenol-d4	40	13.27	33		10	120
			2,4-Dichlorophenol-d3	40	12.99	32		10	140
			4-Chloroaniline-d4	40	10.24	26		1	145
			Dimethylphthalate-d6	40	13.09	33		10	145
			Acenaphthylene-d8	40	13.54	34		15	120
			4-Nitrophenol-d4	40	9.51	24		10	150
			Fluorene-d10	40	13.81	35		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.47	24		10	130
			Anthracene-d10	40	13.92	35		10	150
			Pyrene-d10	40	13.49	34		10	130
			Benzo(a)pyrene-d12	40	13.64	34		10	140
			Pyridine-d5	40	9.67	24		20	120
			1,4-Dioxane-d8	8	4.42	55		15	120
P2548-10	BH5Y7	BG061285.D	Phenol-d5	40	25.22	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.82	65		10	150
			2-Chlorophenol-d4	40	26.40	66		15	120
			4-Methylphenol-d8	40	24.41	61		10	140
			Nitrobenzene-d5	40	27.31	68		10	135
			2-Nitrophenol-d4	40	27.98	70		10	120
			2,4-Dichlorophenol-d3	40	27.04	68		10	140
			4-Chloroaniline-d4	40	20.22	51		1	145
			Dimethylphthalate-d6	40	28.17	70		10	145
			Acenaphthylene-d8	40	28.53	71		15	120
			4-Nitrophenol-d4	40	23.89	60		10	150
			Fluorene-d10	40	28.81	72		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.70	57		10	130
			Anthracene-d10	40	29.22	73		10	150
			Pyrene-d10	40	29.89	75		10	130
			Benzo(a)pyrene-d12	40	29.40	73		10	140
P2548-17	BH612	BG061286.D	1,4-Dioxane-d8	8	4.89	61		15	120
			Pyridine-d5	40	19.50	49		20	120
			Phenol-d5	40	31.80	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.75	84		10	150
			2-Chlorophenol-d4	40	33.89	85		15	120
			4-Methylphenol-d8	40	34.39	86		10	140
			Nitrobenzene-d5	40	34.16	85		10	135
			2-Nitrophenol-d4	40	33.81	85		10	120

Surrogate Summary

SW-846

SDG No.: BG052424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2548-17	BH612	BG061286.D	2,4-Dichlorophenol-d3	40	34.31	86		10	140
			4-Chloroaniline-d4	40	33.67	84		1	145
			Dimethylphthalate-d6	40	36.32	91		10	145
			Acenaphthylene-d8	40	37.16	93		15	120
			4-Nitrophenol-d4	40	32.39	81		10	150
			Fluorene-d10	40	37.61	94		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.35	73		10	130
			Anthracene-d10	40	38.02	95		10	150
			Pyrene-d10	40	40.09	100		10	130
			Benzo(a)pyrene-d12	40	38.62	97		10	140
			1,4-Dioxane-d8	8	1.02	13	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	6.94	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.15	18		10	150
P2548-18	BH613	BG061287.D	2-Chlorophenol-d4	40	7.41	19		15	120
			4-Methylphenol-d8	40	7.33	18		10	140
			Nitrobenzene-d5	40	7.52	19		10	135
			2-Nitrophenol-d4	40	7.78	19		10	120
			2,4-Dichlorophenol-d3	40	7.02	18		10	140
			4-Chloroaniline-d4	40	7.34	18		1	145
			Dimethylphthalate-d6	40	7.40	19		10	145
			Acenaphthylene-d8	40	7.69	19		15	120
			4-Nitrophenol-d4	40	5.96	15		10	150
			Fluorene-d10	40	7.84	20		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.54	11		10	130
			Anthracene-d10	40	8.15	20		10	150
			Pyrene-d10	40	8.02	20		10	130
			Benzo(a)pyrene-d12	40	7.78	19		10	140
			1,4-Dioxane-d8	8	0.68	8	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	7.25	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.09	18		10	150
P2548-19	BH614	BG061289.D	2-Chlorophenol-d4	40	7.14	18		15	120
			4-Methylphenol-d8	40	6.96	17		10	140
			Nitrobenzene-d5	40	7.16	18		10	135
			2-Nitrophenol-d4	40	7.37	18		10	120
			2,4-Dichlorophenol-d3	40	7.83	20		10	140
			4-Chloroaniline-d4	40	7.23	18		1	145
			Dimethylphthalate-d6	40	7.39	18		10	145
			Acenaphthylene-d8	40	7.52	19		15	120
			4-Nitrophenol-d4	40	4.97	12		10	150
			Fluorene-d10	40	7.82	20		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.91	12		10	130
			Anthracene-d10	40	8.04	20		10	150
			Pyrene-d10	40	8.38	21		10	130
			Benzo(a)pyrene-d12	40	8.00	20		10	140
			1,4-Dioxane-d8	8	0.82	10	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	7.07	18		10	130
P2548-20	BH615	BG061290.D							

Surrogate Summary

SW-846

SDG No.: BG052424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2548-20	BH615	BG061290.D	Bis(2-Chloroethyl)ether-d8	40	7.25	18		10	150
			2-Chlorophenol-d4	40	7.65	19		15	120
			4-Methylphenol-d8	40	6.38	16		10	140
			Nitrobenzene-d5	40	7.28	18		10	135
			2-Nitrophenol-d4	40	7.48	19		10	120
			2,4-Dichlorophenol-d3	40	7.11	18		10	140
			4-Chloroaniline-d4	40	6.75	17		1	145
			Dimethylphthalate-d6	40	7.24	18		10	145
			Acenaphthylene-d8	40	7.57	19		15	120
			4-Nitrophenol-d4	40	5.98	15		10	150
			Fluorene-d10	40	7.76	19	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.55	11		10	130
			Anthracene-d10	40	7.81	20		10	150
			Pyrene-d10	40	8.03	20		10	130
			Benzo(a)pyrene-d12	40	7.81	20		10	140
PB161058BL	PB161058BL	BG061281.D	Pyridine-d5	40	28.50	71		20	120
			1,4-Dioxane-d8	8	6.14	77		15	120
			Phenol-d5	40	27.14	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.19	73		10	150
			2-Chlorophenol-d4	40	29.24	73		15	120
			4-Methylphenol-d8	40	28.59	71		10	140
			Nitrobenzene-d5	40	27.57	69		10	135
			2-Nitrophenol-d4	40	27.45	69		10	120
			2,4-Dichlorophenol-d3	40	26.20	65		10	140
			4-Chloroaniline-d4	40	28.49	71		1	145
			Dimethylphthalate-d6	40	30.62	77		10	145
			Acenaphthylene-d8	40	29.25	73		15	120
			4-Nitrophenol-d4	40	25.52	64		10	150
			Fluorene-d10	40	30.28	76		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.49	59		10	130
			Anthracene-d10	40	31.23	78		10	150
			Pyrene-d10	40	30.95	77		10	130
PB161058BS	PB161058BS	BG061291.D	Benzo(a)pyrene-d12	40	30.94	77		10	140
			1,4-Dioxane-d8	8	6.26	78		15	120
			Pyridine-d5	40	28.26	71		20	120
			Phenol-d5	40	32.43	81		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.47	79		10	150
			2-Chlorophenol-d4	40	33.84	85		15	120
			4-Methylphenol-d8	40	31.77	79		10	140
			Nitrobenzene-d5	40	33.56	84		10	135
			2-Nitrophenol-d4	40	32.16	80		10	120
			2,4-Dichlorophenol-d3	40	33.83	85		10	140
			4-Chloroaniline-d4	40	30.30	76		1	145
			Dimethylphthalate-d6	40	30.95	77		10	145
			Acenaphthylene-d8	40	32.48	81		15	120
			4-Nitrophenol-d4	40	30.17	75		10	150
			Fluorene-d10	40	31.65	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.92	75		10	130
			Anthracene-d10	40	32.74	82		10	150



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BG052424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161058BS	PB161058BS	BG061291.D	Pyrene-d10	40	32.65	82		10	130
			Benzo(a)pyrene-d12	40	33.33	83		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG052424

Lab Code: CHEM

SAS No.: BG052424

SDG NO.: BG052424

Lab File ID: BG061279.D

DFTPP Injection Date: 05/24/2024

Instrument ID: BNA_G

DFTPP Injection Time: 07:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.6
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	30.2
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	37.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.2
275	10.0 - 60.0% of mass 198	32.6
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	93.2
443	15.0 - 24.0% of mass 442	18.8 (20.1) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020495	SSTDCCC020	BG061280.D	05/24/2024	08:18
SBLK058	PB161058BL	BG061281.D	05/24/2024	08:59
BH5Y3	P2548-06	BG061282.D	05/24/2024	11:04
BH5X8	P2548-01	BG061283.D	05/24/2024	11:46
BH5Y1	P2548-04	BG061284.D	05/24/2024	12:27
BH5Y7	P2548-10	BG061285.D	05/24/2024	13:09
BH612	P2548-17	BG061286.D	05/24/2024	13:49
BH613	P2548-18	BG061287.D	05/24/2024	14:30
BH5Y5	P2548-08	BG061288.D	05/24/2024	15:11
BH614	P2548-19	BG061289.D	05/24/2024	15:53
BH615	P2548-20	BG061290.D	05/24/2024	16:34
SLCS058	PB161058BS	BG061291.D	05/24/2024	17:14
SSTD020496	SSTDCCC020EC	BG061292.D	05/24/2024	17:55