

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG052324 SAS No.: BG052324 SDG No.: BG052324

Instrument ID: BNA_G Calibration Date/Time: 5/23/2024 1:10:25

Lab File ID: BG061266.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020493 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	0.478	0.010	11.4889	40.0
Benzaldehyde	0.859	0.918	0.010	6.8816	40.0
Pyridine	1.258	1.185	0.010	-5.7394	40.0
Phenol	1.673	1.508	0.080	-9.8688	20.0
Bis(2-Chloroethyl)ether	1.224	1.205	0.100	-1.5674	20.0
2-Chlorophenol	1.285	1.217	0.200	-5.2872	20.0
2-Methylphenol	1.297	1.223	0.010	-5.7255	20.0
2,2-oxybis(1-Chloropropane)	3.306	3.186	0.010	-3.6335	40.0
Acetophenone	2.390	2.281	0.060	-4.5445	20.0
4-Methylphenol	1.437	1.346	0.010	-6.3087	20.0
N-Nitroso-di-n-propylamine	1.314	1.237	0.050	-5.8578	30.0
Hexachloroethane	0.572	0.527	0.100	-7.7577	20.0
Nitrobenzene	0.422	0.373	0.050	-11.6445	25.0
Isophorone	0.859	0.752	0.050	-12.4361	25.0
2-Nitrophenol	0.196	0.177	0.050	-9.2854	25.0
2,4-Dimethylphenol	0.388	0.357	0.050	-7.7745	25.0
Bis(2-Chloroethoxy)methane	0.431	0.401	0.050	-6.7834	20.0
2,4-Dichlorophenol	0.324	0.294	0.060	-9.108	20.0
Naphthalene	1.056	0.956	0.200	-9.4241	20.0
4-Chloroaniline	0.457	0.417	0.010	-8.7402	40.0
Hexachlorobutadiene	0.316	0.278	0.040	-12.1284	30.0
Caprolactam	0.124	0.112	0.010	-9.212	40.0
4-Chloro-3-methylphenol	0.418	0.371	0.040	-11.2946	25.0
1-Methylnaphthalene	0.786	0.713	0.100	-9.2177	20.0
2-Methylnaphthalene	0.766	0.719	0.100	-6.1105	20.0
Hexachlorocyclopentadiene	0.298	0.319	0.010	7.0466	40.0
2,4,6-Trichlorophenol	0.372	0.332	0.090	-10.6405	25.0
2,4,5-Trichlorophenol	0.392	0.367	0.100	-6.3918	25.0
1,1-Biphenyl	1.293	1.200	0.200	-7.1838	20.0
2-Chloronaphthalene	1.018	0.953	0.300	-6.3727	20.0
2-Nitroaniline	0.420	0.371	0.050	-11.7045	40.0
Dimethylphthalate	1.617	1.453	0.300	-10.1444	20.0
2,6-Dinitrotoluene	0.317	0.290	0.080	-8.4264	30.0
Acenaphthylene	1.788	1.636	0.400	-8.5323	20.0
3-Nitroaniline	0.275	0.260	0.010	-5.6509	40.0
Acenaphthene	1.173	1.107	0.200	-5.659	20.0
2,4-Dinitrophenol	0.168	0.178	0.010	5.7	40.0
4-Nitrophenol	0.225	0.187	0.010	-17.0965	40.0
Dibenzofuran	1.677	1.560	0.300	-6.9852	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG052324 SAS No.: BG052324 SDG No.: BG052324

Instrument ID: BNA_G Calibration Date/Time: 5/23/2024 1:10:25

Lab File ID: BG061266.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020493 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	0.451	0.070	-6.5883	30.0
Diethylphthalate	1.597	1.483	0.300	-7.1065	20.0
Fluorene	1.451	1.338	0.200	-7.7853	20.0
4-Chlorophenyl-phenylether	0.851	0.798	0.100	-6.2404	20.0
4-Nitroaniline	0.287	0.285	0.010	-0.619	40.0
4,6-Dinitro-2-methylphenol	0.127	0.107	0.010	-15.3992	40.0
N-Nitrosodiphenylamine	0.503	0.456	0.050	-9.2462	20.0
1,2,4,5-Tetrachlorobenzene	0.660	0.599	0.100	-9.2349	20.0
4-Bromophenyl-phenylether	0.237	0.211	0.070	-10.9112	20.0
Hexachlorobenzene	0.263	0.240	0.050	-8.828	25.0
Atrazine	0.199	0.184	0.010	-7.4054	25.0
Pentachlorophenol	0.092	0.096	0.010	4.8558	40.0
Phenanthrene	0.971	0.897	0.200	-7.6404	20.0
Pentachlorobenzene	0.292	0.256	0.050	-12.5343	20.0
Anthracene	1.004	0.940	0.200	-6.3028	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.235	0.050	-11.0949	20.0
Carbazole	0.816	0.775	0.050	-5.097	40.0
Di-n-butylphthalate	1.023	0.958	0.500	-6.3043	25.0
Fluoranthene	1.232	1.121	0.400	-9.0326	25.0
Pyrene	1.279	1.176	0.400	-8.0708	25.0
Butylbenzylphthalate	0.439	0.402	0.100	-8.4538	40.0
3,3-Dichlorobenzidine	0.425	0.411	0.010	-3.2223	40.0
Benzo (a) anthracene	1.380	1.267	0.300	-8.153	30.0
Chrysene	1.271	1.185	0.200	-6.748	30.0
Bis(2-ethylhexyl)phthalate	0.650	0.590	0.200	-9.2611	40.0
Di-n-octyl phthalate	1.001	0.940	0.010	-6.0753	40.0
Benzo (b) fluoranthene	1.191	1.109	0.200	-6.8761	25.0
Benzo (k) fluoranthene	1.209	1.095	0.200	-9.4419	25.0
Benzo (a) pyrene	1.131	1.057	0.200	-6.5495	20.0
Indeno (1,2,3-cd) pyrene	1.367	1.254	0.200	-8.2585	25.0
Dibenzo (a,h) anthracene	1.128	1.039	0.200	-7.8557	30.0
Benzo (g,h,i) perylene	1.088	0.995	0.200	-8.5294	30.0
2,3,4,6-Tetrachlorophenol	0.357	0.325	0.040	-9.0447	20.0
1,4-Dioxane-d8	0.357	0.390	0.010	9.0772	25.0
Pyridine-d5	1.271	1.223	0.010	-3.819	40.0
Phenol-d5	1.642	1.526	0.010	-7.0956	25.0
Bis- (2-Chloroethyl) ether-d8	1.032	0.993	0.050	-3.8188	25.0
2-Chlorophenol-d4	1.216	1.148	0.200	-5.56	20.0
4-Methylphenol-d8	1.400	1.314	0.010	-6.1526	20.0

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Lab Code: CHEM Case No.: BG052324 SAS No.: BG052324 SDG No.: BG052324

Instrument ID: BNA_G Calibration Date/Time: 5/23/2024 1:10:25

Lab File ID: BG061266.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020493 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	-9.794	20.0
2-Nitrophenol-d4	0.180	0.159	0.050	-11.8845	30.0
2,4-Dichlorophenol-d3	0.351	0.321	0.060	-8.5786	20.0
4-Chloroaniline-d4	0.460	0.427	0.010	-7.1226	40.0
Dimethylphthalate-d6	1.551	1.415	0.300	-8.7506	20.0
Acenaphthylene-d8	1.613	1.496	0.400	-7.2163	20.0
4-Nitrophenol-d4	0.192	0.172	0.010	-10.5412	40.0
Fluorene-d10	1.339	1.247	0.100	-6.8708	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.105	0.010	-13.403	40.0
Anthracene-d10	0.882	0.828	0.300	-6.1032	20.0
Pyrene-d10	1.027	0.944	0.300	-8.1085	25.0
Benzo(a)pyrene-d12	0.962	0.873	0.010	-9.1548	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.: BG052324 SAS No.: BG052324 SDG No.: BG052324
Instrument ID: BNA_G Calibration Date/Time: 5/23/2024 1:19:32
Lab File ID: BG061278.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020494 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	0.339	0.010	-20.8752	50.0
Benzaldehyde	0.859	0.950	0.010	10.6219	50.0
Pyridine	1.258	1.081	0.010	-13.9987	50.0
Phenol	1.673	1.623	0.080	-3.003	50.0
Bis(2-Chloroethyl)ether	1.224	1.274	0.100	4.0595	50.0
2-Chlorophenol	1.285	1.230	0.200	-4.227	50.0
2-Methylphenol	1.297	1.278	0.010	-1.4233	50.0
2,2-oxybis(1-Chloropropane)	3.306	3.325	0.010	0.5874	50.0
Acetophenone	2.390	2.372	0.060	-0.7458	50.0
4-Methylphenol	1.437	1.438	0.010	0.0981	50.0
N-Nitroso-di-n-propylamine	1.314	1.275	0.050	-3.0052	50.0
Hexachloroethane	0.572	0.516	0.100	-9.7259	50.0
Nitrobenzene	0.422	0.381	0.050	-9.8499	50.0
Isophorone	0.859	0.768	0.050	-10.5704	50.0
2-Nitrophenol	0.196	0.179	0.050	-8.3916	50.0
2,4-Dimethylphenol	0.388	0.364	0.050	-5.9634	50.0
Bis(2-Chloroethoxy)methane	0.431	0.414	0.050	-3.9506	50.0
2,4-Dichlorophenol	0.324	0.318	0.060	-1.684	50.0
Naphthalene	1.056	1.001	0.200	-5.1886	50.0
4-Chloroaniline	0.457	0.430	0.010	-5.9	50.0
Hexachlorobutadiene	0.316	0.290	0.040	-8.3936	50.0
Caprolactam	0.124	0.115	0.010	-7.2834	50.0
4-Chloro-3-methylphenol	0.418	0.397	0.040	-5.1866	50.0
1-Methylnaphthalene	0.786	0.730	0.100	-7.0492	50.0
2-Methylnaphthalene	0.766	0.728	0.100	-4.8957	50.0
Hexachlorocyclopentadiene	0.298	0.304	0.010	2.1398	50.0
2,4,6-Trichlorophenol	0.372	0.353	0.090	-5.218	50.0
2,4,5-Trichlorophenol	0.392	0.404	0.100	3.1219	50.0
1,1-Biphenyl	1.293	1.196	0.200	-7.5369	50.0
2-Chloronaphthalene	1.018	0.976	0.300	-4.0638	50.0
2-Nitroaniline	0.420	0.392	0.050	-6.6954	50.0
Dimethylphthalate	1.617	1.443	0.300	-10.7624	50.0
2,6-Dinitrotoluene	0.317	0.304	0.080	-4.1257	50.0
Acenaphthylene	1.788	1.697	0.400	-5.1082	50.0
3-Nitroaniline	0.275	0.270	0.010	-1.8078	50.0
Acenaphthene	1.173	1.125	0.200	-4.1248	50.0
2,4-Dinitrophenol	0.168	0.165	0.010	-1.9138	50.0
4-Nitrophenol	0.225	0.198	0.010	-12.0745	50.0
Dibenzofuran	1.677	1.579	0.300	-5.878	50.0

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Instrument ID: BNA_G Calibration Date/Time: 5/23/2024 1:19:32
Lab File ID: BG061278.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020494 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	0.442	0.070	-8.2851	50.0
Diethylphthalate	1.597	1.466	0.300	-8.1539	50.0
Fluorene	1.451	1.372	0.200	-5.4817	50.0
4-Chlorophenyl-phenylether	0.851	0.814	0.100	-4.4078	50.0
4-Nitroaniline	0.287	0.277	0.010	-3.2321	50.0
4,6-Dinitro-2-methylphenol	0.127	0.112	0.010	-11.4554	50.0
N-Nitrosodiphenylamine	0.503	0.477	0.050	-5.1158	50.0
1,2,4,5-Tetrachlorobenzene	0.660	0.623	0.100	-5.7201	50.0
4-Bromophenyl-phenylether	0.237	0.216	0.070	-8.7075	50.0
Hexachlorobenzene	0.263	0.249	0.050	-5.6493	50.0
Atrazine	0.199	0.185	0.010	-6.773	50.0
Pentachlorophenol	0.092	0.091	0.010	-0.9848	50.0
Phenanthrene	0.971	0.910	0.200	-6.2611	50.0
Pentachlorobenzene	0.292	0.269	0.050	-8.0413	50.0
Anthracene	1.004	0.936	0.200	-6.7492	50.0
1,2,3,4-Tetrachlorobenzene	0.264	0.247	0.050	-6.6274	50.0
Carbazole	0.816	0.778	0.050	-4.6677	50.0
Di-n-butylphthalate	1.023	0.964	0.500	-5.7213	50.0
Fluoranthene	1.232	1.175	0.400	-4.6133	50.0
Pyrene	1.279	1.212	0.400	-5.2332	50.0
Butylbenzylphthalate	0.439	0.423	0.100	-3.7663	50.0
3,3-Dichlorobenzidine	0.425	0.435	0.010	2.529	50.0
Benzo (a) anthracene	1.380	1.281	0.300	-7.1851	50.0
Chrysene	1.271	1.196	0.200	-5.9048	50.0
Bis(2-ethylhexyl)phthalate	0.650	0.611	0.200	-5.9937	50.0
Di-n-octyl phthalate	1.001	0.925	0.010	-7.5561	50.0
Benzo (b) fluoranthene	1.191	1.077	0.200	-9.5634	50.0
Benzo (k) fluoranthene	1.209	1.096	0.200	-9.3718	50.0
Benzo (a) pyrene	1.131	1.035	0.200	-8.5074	50.0
Indeno (1,2,3-cd) pyrene	1.367	1.242	0.200	-9.2034	50.0
Dibenzo (a,h) anthracene	1.128	1.044	0.200	-7.3823	50.0
Benzo (g,h,i) perylene	1.088	0.997	0.200	-8.3863	50.0
2,3,4,6-Tetrachlorophenol	0.357	0.335	0.040	-6.3613	50.0
1,4-Dioxane-d8	0.357	0.318	0.010	-10.8873	50.0
Pyridine-d5	1.271	1.116	0.010	-12.2101	50.0
Phenol-d5	1.642	1.584	0.010	-3.5456	50.0
Bis- (2-Chloroethyl) ether-d8	1.032	0.997	0.050	-3.4342	50.0
2-Chlorophenol-d4	1.216	1.179	0.200	-3.0251	50.0
4-Methylphenol-d8	1.400	1.404	0.010	0.2291	50.0

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Lab Name: CHEMTECH Contract: _____

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Instrument ID: BNA_G Calibration Date/Time: 5/23/2024 1:19:32

Lab File ID: BG061278.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020494 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	-5.6101	50.0
2-Nitrophenol-d4	0.180	0.168	0.050	-6.6801	50.0
2,4-Dichlorophenol-d3	0.351	0.331	0.060	-5.6564	50.0
4-Chloroaniline-d4	0.460	0.441	0.010	-3.9664	50.0
Dimethylphthalate-d6	1.551	1.401	0.300	-9.6589	50.0
Acenaphthylene-d8	1.613	1.525	0.400	-5.442	50.0
4-Nitrophenol-d4	0.192	0.175	0.010	-8.5878	50.0
Fluorene-d10	1.339	1.280	0.100	-4.4328	50.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.106	0.010	-12.6851	50.0
Anthracene-d10	0.882	0.824	0.300	-6.5681	50.0
Pyrene-d10	1.027	0.976	0.300	-4.9652	50.0
Benzo(a)pyrene-d12	0.962	0.871	0.010	-9.4021	50.0

All other compounds must meet a minimum RRF of 0.010.



Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK908	SDG No.:	BG052324
Lab Sample ID:	PB160908BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Factor :	
		GPC Cleanup :	
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061267.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK908	SDG No.:	BG052324
Lab Sample ID:	PB160908BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061267.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK908	SDG No.:	BG052324
Lab Sample ID:	PB160908BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061267.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.783		15-120		97	SPK: -8
7291-22-7	Pyridine-d5	34.846		20-120		87	SPK: -40
4165-62-2	Phenol-d5	27.66		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.35		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.826		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	29.933		25-125		75	SPK: -40
4165-60-0	Nitrobenzene-d5	30.047		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.421		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.309		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.93		1-146		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.862		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	30.952		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.968		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	31.767		25-125		79	SPK: -40

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK908	SDG No.:	BG052324
Lab Sample ID:	PB160908BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061267.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.035		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	32.083		25-130		80	SPK: -40
1718-52-1	Pyrene-d10	32.233		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.821		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	19313	7.888				
1146-65-2	Naphthalene-d8	84879	10.679				
15067-26-2	Acenaphthene-d10	76224	14.522				
1517-22-2	Phenanthrene-d10	206222	17.265				
1719-03-5	Chrysene-d12	218145	21.519				
1520-96-3	Perylene-d12	241147	24.604				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	4.2	J			3.082	
	(DEL) Alkane: Straight-Chain	2.2	J			25.703	
E966796	Total Alkanes	2.2				99	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-04	SDG No.:	BG052324
Lab Sample ID:	P2409-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061268.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.4	J	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	5.5	J	2.3	5	10	ug/L
110-86-1	Pyridine	5.6	J	2.2	10	10	ug/L
108-95-2	Phenol	4.7	J	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	5.2	J	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	4.5	J	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	4.6	J	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.9	J	1.2	5	10	ug/L
98-86-2	Acetophenone	5.1	J	0.89	5	10	ug/L
106-44-5	4-Methylphenol	4.8	J	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	5		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	4.6	J	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	4.5	J	0.99	2.5	5	ug/L
78-59-1	Isophorone	4.8	J	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.8	J	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	2.6	J	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	5.2		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4.8	J	0.93	2.5	5	ug/L
91-20-3	Naphthalene	4.9	J	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	4.8	J	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.7	J	0.98	2.5	5	ug/L
105-60-2	Caprolactam	5.9	J	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	4.7	J	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	5		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	4.9	J	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	4.1	J	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	4.6	J	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	5		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-04	SDG No.:	BG052324
Lab Sample ID:	P2409-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061268.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4.8	J	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.8	J	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	4.6	J	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	4.9	J	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	4.8	J	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	5		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	5.1	J	1.5	5	10	ug/L
83-32-9	Acenaphthene	5.1		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	4.3	J	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	4.9	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	5.1		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.6	J	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	4.9	J	0.87	2.5	5	ug/L
86-73-7	Fluorene	5		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	4.9	J	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.5	J	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	4.8	J	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.7	J	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.8	J	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	4.8	J	0.56	2.5	5	ug/L
1912-24-9	Atrazine	5.7	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	4.7	J	2.5	5	10	ug/L
85-01-8	Phenanthrene	4.9	J	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	5		1.2	2.5	5	ug/L
120-12-7	Anthracene	4.5	J	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.8	J	0.92	2.5	5	ug/L
86-74-8	Carbazole	4.9	J	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	4.8	J	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	4.9	J	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-04	SDG No.:	BG052324
Lab Sample ID:	P2409-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061268.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	5		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	4.9	J	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	4.7	J	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	4.9	J	0.56	2.5	5	ug/L
218-01-9	Chrysene	4.9	J	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.9	J	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	5.1	J	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	5		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	5.1		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	5		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.9	J	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	5		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	5		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.4	J	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.898		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	25.783		20-120		64	SPK: -40
4165-62-2	Phenol-d5	21.745		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.891		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.172		20-130		55	SPK: -40
190780-66-6	4-Methylphenol-d8	21.824		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	22.899		20-125		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.684		20-130		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.437		20-120		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.094		1-146		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.918		25-130		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.877		10-130		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.585		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	23.561		25-125		59	SPK: -40

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-04	SDG No.:	BG052324
Lab Sample ID:	P2409-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061268.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.559		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	20.597		25-130		51	SPK: -40
1718-52-1	Pyrene-d10	22.562		15-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.312		20-130		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27041	7.886				
1146-65-2	Naphthalene-d8	123050	10.676				
15067-26-2	Acenaphthene-d10	106700	14.519				
1517-22-2	Phenanthrene-d10	286961	17.269				
1719-03-5	Chrysene-d12	290099	21.517				
1520-96-3	Perylene-d12	309246	24.601				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L



Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-04	SDG No.:	BG052324
Lab Sample ID:	P2409-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061269.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	44	J	27	6.6	66	ug/Kg
100-52-7	Benzaldehyde	190	J	58	82.2	330	ug/Kg
110-86-1	Pyridine	180	J	77	160	330	ug/Kg
108-95-2	Phenol	160	J	30	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	170	J	29	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	160	J	28	42.4	170	ug/Kg
95-48-7	2-Methylphenol	150	J	31	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	J	40	82.2	330	ug/Kg
98-86-2	Acetophenone	160	J	66	82.2	330	ug/Kg
106-44-5	4-Methylphenol	160	J	53	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	170		79	42.4	170	ug/Kg
67-72-1	Hexachloroethane	160	J	61	42.4	170	ug/Kg
98-95-3	Nitrobenzene	160	J	64	42.4	170	ug/Kg
78-59-1	Isophorone	160	J	66	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	150	J	60	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	86	J	32	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	160	J	45	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	160	J	38	42.4	170	ug/Kg
91-20-3	Naphthalene	160	J	24	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	160	J	36	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	150	J	35	42.4	170	ug/Kg
105-60-2	Caprolactam	190	J	64	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	J	41	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	170		24	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	160	J	32	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	J	97	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	J	24	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	J	33	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-04	SDG No.:	BG052324
Lab Sample ID:	P2409-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061269.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	160	J	26	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	160	J	33	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	150	J	45	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	160	J	30	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	J	20	42.4	170	ug/Kg
208-96-8	Acenaphthylene	160	J	29	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	170	J	66	82.2	330	ug/Kg
83-32-9	Acenaphthene	160	J	26	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	140	J	130	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	160	J	44	82.2	330	ug/Kg
132-64-9	Dibenzofuran	160	J	27	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	J	35	42.4	170	ug/Kg
84-66-2	Diethylphthalate	160	J	33	42.4	170	ug/Kg
86-73-7	Fluorene	170		27	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160	J	20	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	160	J	24	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	J	38	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	160	J	24	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	160	J	34	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	J	26	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	160	J	28	42.4	170	ug/Kg
1912-24-9	Atrazine	190	J	28	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	160	J	88	82.2	330	ug/Kg
85-01-8	Phenanthrene	160	J	27	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	160	J	37	42.4	170	ug/Kg
120-12-7	Anthracene	150	J	25	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	150	J	17	42.4	170	ug/Kg
86-74-8	Carbazole	160	J	34	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	160	J	27	42.4	170	ug/Kg
206-44-0	Fluoranthene	170		19	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-04	SDG No.:	BG052324
Lab Sample ID:	P2409-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061269.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	170		18	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	160	J	22	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	J	52	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	23	42.4	170	ug/Kg
218-01-9	Chrysene	160	J	24	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	J	25	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	180	J	48	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	180		37	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	170		38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	170		31	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170		28	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	170		26	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	170		32	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	J	36	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.187		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	26.779		20-120		67	SPK: -40
4165-62-2	Phenol-d5	21.882		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.856		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.68		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	21.955		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	22.066		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.545		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.541		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.986		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.161		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.546		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.353		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	22.985		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-04	SDG No.:	BG052324
Lab Sample ID:	P2409-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BG061269.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.268		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	20.557		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	22.886		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.87		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	26269	7.887				
1146-65-2	Naphthalene-d8	121244	10.683				
15067-26-2	Acenaphthene-d10	108963	14.52				
1517-22-2	Phenanthrene-d10	292995	17.27				
1719-03-5	Chrysene-d12	294195	21.518				
1520-96-3	Perylene-d12	305297	24.602				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-04	SDG No.:	BG052324
Lab Sample ID:	P2409-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061270.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1100	J	890	190	1900	ug/Kg
100-52-7	Benzaldehyde	5900	J	2000	2300	9400	ug/Kg
110-86-1	Pyridine	4500	J	3300	4700	9400	ug/Kg
108-95-2	Phenol	4600	J	1400	2300	9400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4800	J	1800	2300	9400	ug/Kg
95-57-8	2-Chlorophenol	4500	J	1400	1200	4700	ug/Kg
95-48-7	2-Methylphenol	4700	J	1100	2300	9400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4800	J	1900	2300	9400	ug/Kg
98-86-2	Acetophenone	5000	J	1400	2300	9400	ug/Kg
106-44-5	4-Methylphenol	4600	J	1400	2300	9400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4900		2000	1200	4700	ug/Kg
67-72-1	Hexachloroethane	4400	J	1600	1200	4700	ug/Kg
98-95-3	Nitrobenzene	4300	J	1700	1200	4700	ug/Kg
78-59-1	Isophorone	4600	J	1000	1200	4700	ug/Kg
88-75-5	2-Nitrophenol	4300	J	820	1200	4700	ug/Kg
105-67-9	2,4-Dimethylphenol	2400	J	560	1200	4700	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4500	J	920	1200	4700	ug/Kg
120-83-2	2,4-Dichlorophenol	4600	J	710	1200	4700	ug/Kg
91-20-3	Naphthalene	4500	J	530	1200	4700	ug/Kg
106-47-8	4-Chloroaniline	4800	J	850	1200	9400	ug/Kg
87-68-3	Hexachlorobutadiene	4500	J	1100	1200	4700	ug/Kg
105-60-2	Caprolactam	5300	J	1900	2300	9400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4300	J	1000	1200	4700	ug/Kg
90-12-0	1-Methylnaphthalene	5000		580	1200	4700	ug/Kg
91-57-6	2-Methylnaphthalene	4700		720	1200	4700	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3900	J	2500	2300	9400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4300	J	1100	1200	4700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4300	J	910	1200	4700	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-04	SDG No.:	BG052324
Lab Sample ID:	P2409-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061270.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4700		860	1200	4700	ug/Kg
91-58-7	2-Chloronaphthalene	4700		800	1200	4700	ug/Kg
88-74-4	2-Nitroaniline	4400	J	1500	1200	4700	ug/Kg
131-11-3	Dimethylphthalate	4700		770	1200	4700	ug/Kg
606-20-2	2,6-Dinitrotoluene	4600	J	1400	1200	4700	ug/Kg
208-96-8	Acenaphthylene	4700		820	1200	4700	ug/Kg
99-09-2	3-Nitroaniline	4900	J	1200	2300	9400	ug/Kg
83-32-9	Acenaphthene	4700		740	1200	4700	ug/Kg
51-28-5	2,4-Dinitrophenol	4500	J	3400	2300	9400	ug/Kg
100-02-7	4-Nitrophenol	4500	J	1500	2300	9400	ug/Kg
132-64-9	Dibenzofuran	4800		740	1200	4700	ug/Kg
121-14-2	2,4-Dinitrotoluene	4500	J	910	1200	4700	ug/Kg
84-66-2	Diethylphthalate	4700		1600	1200	4700	ug/Kg
86-73-7	Fluorene	4900		1600	1200	4700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4900		1100	1200	4700	ug/Kg
100-01-6	4-Nitroaniline	4700	J	1100	2300	9400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4800	J	2400	2300	9400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4700		2600	1200	4700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4600	J	830	1200	4700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4800		1800	1200	4700	ug/Kg
118-74-1	Hexachlorobenzene	4600	J	2100	1200	4700	ug/Kg
1912-24-9	Atrazine	5400	J	2000	2300	9400	ug/Kg
87-86-5	Pentachlorophenol	4400	J	3100	2300	9400	ug/Kg
85-01-8	Phenanthrene	4700		650	1200	4700	ug/Kg
608-93-5	Pentachlorobenzene	4900		2000	1200	4700	ug/Kg
120-12-7	Anthracene	4300	J	540	1200	4700	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4300	J	2100	1200	4700	ug/Kg
86-74-8	Carbazole	4800	J	900	2300	9400	ug/Kg
84-74-2	Di-n-butylphthalate	4600	J	800	1200	4700	ug/Kg
206-44-0	Fluoranthene	4800		570	2300	4700	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-04	SDG No.:	BG052324
Lab Sample ID:	P2409-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061270.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4800		580	1200	4700	ug/Kg
85-68-7	Butylbenzylphthalate	4700		490	1200	4700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	4000	J	1900	2300	9400	ug/Kg
56-55-3	Benzo(a)anthracene	4600	J	730	1200	4700	ug/Kg
218-01-9	Chrysene	4700		610	1200	4700	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4700		540	1200	4700	ug/Kg
117-84-0	Di-n-octyl phthalate	5000	J	1200	2300	9400	ug/Kg
205-99-2	Benzo(b)fluoranthene	5000		920	1200	4700	ug/Kg
207-08-9	Benzo(k)fluoranthene	4700		790	1200	4700	ug/Kg
50-32-8	Benzo(a)pyrene	4800		930	1200	4700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4900		880	1200	4700	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4700		730	1200	4700	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4900		850	1200	4700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4300	J	1700	1200	4700	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.505		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	23.722		20-120		59	SPK: -40
4165-62-2	Phenol-d5	22.46		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.006		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.922		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	22.035		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	21.694		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.268		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.138		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.936		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.067		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	23.153		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.915		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	23.627		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-04	SDG No.:	BG052324
Lab Sample ID:	P2409-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061270.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.123		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	20.709		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	23.511		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.442		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	27144	7.888				
1146-65-2	Naphthalene-d8	130758	10.679				
15067-26-2	Acenaphthene-d10	116143	14.521				
1517-22-2	Phenanthrene-d10	311810	17.265				
1719-03-5	Chrysene-d12	304470	21.519				
1520-96-3	Perylene-d12	321764	24.604				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	860	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK910	SDG No.:	BG052324
Lab Sample ID:	PB160910BL	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
BG061271.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160910

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:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK910	SDG No.:	BG052324
Lab Sample ID:	PB160910BL	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
BG061271.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160910

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:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK910	SDG No.:	BG052324
Lab Sample ID:	PB160910BL	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
BG061271.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160910

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	4.877		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	27.247		20-120		68	SPK: -40
4165-62-2	Phenol-d5	26.298		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.738		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.905		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	28.746		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	28.105		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.9		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.209		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.167		1-145		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.252		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	29.992		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.434		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	31.016		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK910	SDG No.:	BG052324
Lab Sample ID:	PB160910BL	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
BG061271.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.643		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	31.241		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	30.243		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.235		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	19876	7.877				
1146-65-2	Naphthalene-d8	87708	10.679				
15067-26-2	Acenaphthene-d10	76277	14.522				
1517-22-2	Phenanthrene-d10	197686	17.266				
1719-03-5	Chrysene-d12	209207	21.514				
1520-96-3	Perylene-d12	232541	24.604				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	96	J			3.077	
	(DEL) Alkane: Straight-Chain	22.060	J			22.06	
1000382-54-4	Carbonic acid, octadecyl vinyl est	68	J			25.697	
	(DEL) Alkane: Straight-Chain	26.984	J			26.984	
E966796	Total Alkanes	410				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK913	SDG No.:	BG052324
Lab Sample ID:	PB160913BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061272.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	910	U	910	190	1900	ug/Kg
100-52-7	Benzaldehyde	2000	U	2000	2400	9700	ug/Kg
110-86-1	Pyridine	3400	U	3400	4800	9700	ug/Kg
108-95-2	Phenol	1500	U	1500	2400	9700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1800	U	1800	2400	9700	ug/Kg
95-57-8	2-Chlorophenol	1500	U	1500	1200	4900	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	2400	9700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	2400	9700	ug/Kg
98-86-2	Acetophenone	1500	U	1500	2400	9700	ug/Kg
106-44-5	4-Methylphenol	1500	U	1500	2400	9700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2000	U	2000	1200	4900	ug/Kg
67-72-1	Hexachloroethane	1700	U	1700	1200	4900	ug/Kg
98-95-3	Nitrobenzene	1700	U	1700	1200	4900	ug/Kg
78-59-1	Isophorone	1100	U	1100	1200	4900	ug/Kg
88-75-5	2-Nitrophenol	840	U	840	1200	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	570	U	570	1200	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	940	U	940	1200	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	730	U	730	1200	4900	ug/Kg
91-20-3	Naphthalene	540	U	540	1200	4900	ug/Kg
106-47-8	4-Chloroaniline	870	U	870	1200	9700	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1200	4900	ug/Kg
105-60-2	Caprolactam	1900	U	1900	2400	9700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	U	1100	1200	4900	ug/Kg
90-12-0	1-Methylnaphthalene	600	U	600	1200	4900	ug/Kg
91-57-6	2-Methylnaphthalene	740	U	740	1200	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2500	U	2500	2400	9700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1200	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	930	U	930	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK913	SDG No.:	BG052324
Lab Sample ID:	PB160913BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061272.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	880	U	880	1200	4900	ug/Kg
91-58-7	2-Chloronaphthalene	830	U	830	1200	4900	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1200	4900	ug/Kg
131-11-3	Dimethylphthalate	800	U	800	1200	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500	U	1500	1200	4900	ug/Kg
208-96-8	Acenaphthylene	840	U	840	1200	4900	ug/Kg
99-09-2	3-Nitroaniline	1300	U	1300	2400	9700	ug/Kg
83-32-9	Acenaphthene	760	U	760	1200	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	U	3500	2400	9700	ug/Kg
100-02-7	4-Nitrophenol	1600	U	1600	2400	9700	ug/Kg
132-64-9	Dibenzofuran	760	U	760	1200	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	930	U	930	1200	4900	ug/Kg
84-66-2	Diethylphthalate	1700	U	1700	1200	4900	ug/Kg
86-73-7	Fluorene	1700	U	1700	1200	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200	U	1200	1200	4900	ug/Kg
100-01-6	4-Nitroaniline	1200	U	1200	2400	9700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2400	U	2400	2400	9700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2700	U	2700	1200	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	850	U	850	1200	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800	U	1800	1200	4900	ug/Kg
118-74-1	Hexachlorobenzene	2100	U	2100	1200	4900	ug/Kg
1912-24-9	Atrazine	2000	U	2000	2400	9700	ug/Kg
87-86-5	Pentachlorophenol	3200	U	3200	2400	9700	ug/Kg
85-01-8	Phenanthrene	670	U	670	1200	4900	ug/Kg
608-93-5	Pentachlorobenzene	2000	U	2000	1200	4900	ug/Kg
120-12-7	Anthracene	550	U	550	1200	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2100	U	2100	1200	4900	ug/Kg
86-74-8	Carbazole	920	U	920	2400	9700	ug/Kg
84-74-2	Di-n-butylphthalate	830	U	830	1200	4900	ug/Kg
206-44-0	Fluoranthene	580	U	580	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK913	SDG No.:	BG052324
Lab Sample ID:	PB160913BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061272.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	600	U	600	1200	4900	ug/Kg
85-68-7	Butylbenzylphthalate	500	U	500	1200	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900	U	1900	2400	9700	ug/Kg
56-55-3	Benzo(a)anthracene	750	U	750	1200	4900	ug/Kg
218-01-9	Chrysene	630	U	630	1200	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	550	U	550	1200	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	2400	9700	ug/Kg
205-99-2	Benzo(b)fluoranthene	940	U	940	1200	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	820	U	820	1200	4900	ug/Kg
50-32-8	Benzo(a)pyrene	960	U	960	1200	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	900	U	900	1200	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	750	U	750	1200	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	870	U	870	1200	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700	U	1700	1200	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.552		15-120		82	SPK: -8
7291-22-7	Pyridine-d5	31.099		20-120		78	SPK: -40
4165-62-2	Phenol-d5	28.481		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.872		10-150		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.936		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	29.642		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	30.128		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.87		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.189		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.294		1-145		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.348		10-145		81	SPK: -40
93951-97-4	Acenaphthylene-d8	30.796		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.947		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	31.506		20-140		79	SPK: -40

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK913	SDG No.:	BG052324
Lab Sample ID:	PB160913BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061272.D	1	5/14/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.135		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	31.868		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	32.425		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.089		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	20643	7.882				
1146-65-2	Naphthalene-d8	91112	10.678				
15067-26-2	Acenaphthene-d10	82779	14.521				
1517-22-2	Phenanthrene-d10	219129	17.265				
1719-03-5	Chrysene-d12	222456	21.519				
1520-96-3	Perylene-d12	247171	24.603				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	3500	J			3.081	
	(DEL) Alkane: Straight-Chain	25.702	J			25.702	
	(DEL) Alkane: Straight-Chain	26.983	J			26.983	
E966796	Total Alkanes	5400				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	SBLK044	SDG No.:	BG052324
Lab Sample ID:	PB161044BL	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
BG061273.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

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:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	SBLK044	SDG No.:	BG052324
Lab Sample ID:	PB161044BL	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
BG061273.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

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:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	SBLK044	SDG No.:	BG052324
Lab Sample ID:	PB161044BL	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
BG061273.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

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	5.822		15-120		73	SPK: -8
7291-22-7	Pyridine-d5	27.529		20-120		69	SPK: -40
4165-62-2	Phenol-d5	25.289		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.093		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.588		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	26.148		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	26.948		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.471		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.112		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.83		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.575		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.298		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.414		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	29.01		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	5/21/2024 12:00:00 AM
Project:		Date Received:	5/21/2024 12:00:00 AM
Client Sample ID:	SBLK044	SDG No.:	BG052324
Lab Sample ID:	PB161044BL	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
BG061273.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.544		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	30.335		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	30.692		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.529		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	20560	7.888				
1146-65-2	Naphthalene-d8	89525	10.678				
15067-26-2	Acenaphthene-d10	77684	14.521				
1517-22-2	Phenanthrene-d10	215273	17.265				
1719-03-5	Chrysene-d12	226003	21.519				
1520-96-3	Perylene-d12	254551	24.603				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	150	J			3.081	
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:	BH5P1	SDG No.:	BG052324
Lab Sample ID:	P2547-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BG061274.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.2	82	ug/Kg
100-52-7	Benzaldehyde	72	U	72	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	35	U	35	52.6	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	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	98	U	98	52.6	210	ug/Kg
67-72-1	Hexachloroethane	75	U	75	52.6	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.6	210	ug/Kg
78-59-1	Isophorone	82	U	82	52.6	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	52.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	52.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.6	210	ug/Kg
91-20-3	Naphthalene	30	U	30	52.6	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	52.6	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.6	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	52.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	52.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	52.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	52.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	52.6	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:	BH5P1	SDG No.:	BG052324
Lab Sample ID:	P2547-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BG061274.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.6	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	52.6	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.6	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.6	210	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	52.6	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	33	U	33	52.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.6	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.6	210	ug/Kg
86-73-7	Fluorene	33	U	33	52.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.6	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	52.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.6	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	52.6	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	290		33	52.6	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	52.6	210	ug/Kg
120-12-7	Anthracene	51	J	31	52.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.6	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.6	210	ug/Kg
206-44-0	Fluoranthene	430		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:	BH5P1	SDG No.:	BG052324
Lab Sample ID:	P2547-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BG061274.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	350		22	52.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	28	52.6	210	ug/Kg
218-01-9	Chrysene	190	J	30	52.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	52.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	230		46	52.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	85	J	47	52.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	38	52.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	J	35	52.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	52.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	J	40	52.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.139		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	16.777		20-120		42	SPK: -40
4165-62-2	Phenol-d5	18.92		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.687		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.056		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	19.762		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	19.974		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.085		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.633		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.816		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.776		10-145		54	SPK: -40
93951-97-4	Acenaphthylene-d8	21.787		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.681		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	22.972		20-140		57	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:	BH5P1	SDG No.:	BG052324
Lab Sample ID:	P2547-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BG061274.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.97		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	24.277		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	24.7		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.479		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	19077	7.881				
1146-65-2	Naphthalene-d8	82159	10.678				
15067-26-2	Acenaphthene-d10	73283	14.521				
1517-22-2	Phenanthrene-d10	188729	17.265				
1719-03-5	Chrysene-d12	195303	21.518				
1520-96-3	Perylene-d12	211928	24.603				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			3.081	
	unknown-01	280	J			3.61	
	unknown-02	110	J			10.449	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.419	
	unknown-03	87	J			21.189	
000301-02-0	9-Octadecenamide, (Z)-	96	J			22.929	
000198-55-0	Perylene	88	J			24.321	
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:	BH5X6	SDG No.:	BG052324
Lab Sample ID:	P2547-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
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
BG061275.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.8	79	ug/Kg
100-52-7	Benzaldehyde	69	U	69	97.8	390	ug/Kg
110-86-1	Pyridine	91	U	91	200	390	ug/Kg
108-95-2	Phenol	36	U	36	97.8	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	97.8	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.4	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	97.8	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	97.8	390	ug/Kg
98-86-2	Acetophenone	78	U	78	97.8	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	97.8	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.4	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	50.4	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.4	200	ug/Kg
78-59-1	Isophorone	78	U	78	50.4	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	50.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.4	200	ug/Kg
91-20-3	Naphthalene	28	U	28	50.4	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.4	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.4	200	ug/Kg
105-60-2	Caprolactam	76	U	76	97.8	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	50.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.8	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	50.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.4	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:	BH5X6	SDG No.:	BG052324
Lab Sample ID:	P2547-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
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
BG061275.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.4	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	50.4	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.4	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50.4	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	97.8	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	97.8	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.8	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	50.4	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.4	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.4	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	97.8	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	97.8	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	50.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.4	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.4	200	ug/Kg
1912-24-9	Atrazine	33	U	33	97.8	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.8	390	ug/Kg
85-01-8	Phenanthrene	200		32	50.4	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.4	200	ug/Kg
120-12-7	Anthracene	40	J	30	50.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.4	200	ug/Kg
86-74-8	Carbazole	40	U	40	97.8	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.4	200	ug/Kg
206-44-0	Fluoranthene	320		23	97.8	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:	BH5X6	SDG No.:	BG052324
Lab Sample ID:	P2547-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
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
BG061275.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	270		21	50.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	97.8	390	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	27	50.4	200	ug/Kg
218-01-9	Chrysene	150	J	28	50.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	97.8	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	44	50.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	67	J	45	50.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	37	50.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81	J	33	50.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92	J	38	50.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.793		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	10.109		20-120		25	SPK: -40
4165-62-2	Phenol-d5	14.864		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.214		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.636		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	15.799		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	16.411		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.749		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.961		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.59		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.699		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	18.465		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.368		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	19.997		20-140		50	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:	BH5X6	SDG No.:	BG052324
Lab Sample ID:	P2547-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.9
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
BG061275.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.059		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	19.958		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	21.241		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.434		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	17592	7.884				
1146-65-2	Naphthalene-d8	80000	10.68				
15067-26-2	Acenaphthene-d10	68486	14.517				
1517-22-2	Phenanthrene-d10	184619	17.267				
1719-03-5	Chrysene-d12	185386	21.52				
1520-96-3	Perylene-d12	206625	24.599				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	11000	J			3.083	
	unknown-01	81	J			21.191	
000638-58-4	Tetradecanamide	120	J			22.931	
E966796	Total Alkanes	31	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:	BH5X7	SDG No.:	BG052324
Lab Sample ID:	P2547-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061276.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

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
100-52-7	Benzaldehyde	67	U	67	95.3	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	35	U	35	95.3	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	95.3	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49.1	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95.3	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	95.3	380	ug/Kg
98-86-2	Acetophenone	76	U	76	95.3	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	95.3	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	49.1	200	ug/Kg
67-72-1	Hexachloroethane	70	U	70	49.1	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	49.1	200	ug/Kg
78-59-1	Isophorone	76	U	76	49.1	200	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	49.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.1	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.1	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.1	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49.1	200	ug/Kg
105-60-2	Caprolactam	74	U	74	95.3	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	49.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.3	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49.1	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:	BH5X7	SDG No.:	BG052324
Lab Sample ID:	P2547-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061276.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49.1	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49.1	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.1	200	ug/Kg
208-96-8	Acenaphthylene	33	U	33	49.1	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	95.3	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95.3	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.3	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	49.1	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49.1	200	ug/Kg
86-73-7	Fluorene	31	U	31	49.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.1	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	95.3	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95.3	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	49.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.1	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	49.1	200	ug/Kg
1912-24-9	Atrazine	32	U	32	95.3	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.3	380	ug/Kg
85-01-8	Phenanthrene	56	J	31	49.1	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.1	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.1	200	ug/Kg
86-74-8	Carbazole	39	U	39	95.3	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49.1	200	ug/Kg
206-44-0	Fluoranthene	90	J	22	95.3	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:	BH5X7	SDG No.:	BG052324
Lab Sample ID:	P2547-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061276.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	78	J	21	49.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	49.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	95.3	380	ug/Kg
56-55-3	Benzo(a)anthracene	43	J	27	49.1	200	ug/Kg
218-01-9	Chrysene	44	J	28	49.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	95.3	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	J	43	49.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	42	J	36	49.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	49.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.076		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	13.188		20-120		33	SPK: -40
4165-62-2	Phenol-d5	14.715		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.416		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.684		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	15.364		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	15.161		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.61		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.18		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.628		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.815		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	16.241		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.15		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	17.46		20-140		44	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:	BH5X7	SDG No.:	BG052324
Lab Sample ID:	P2547-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG061276.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.033		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	17.129		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	18.307		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.676		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	18812	7.885				
1146-65-2	Naphthalene-d8	81957	10.682				
15067-26-2	Acenaphthene-d10	73960	14.519				
1517-22-2	Phenanthrene-d10	200190	17.268				
1719-03-5	Chrysene-d12	204029	21.516				
1520-96-3	Perylene-d12	225155	24.601				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			3.079	
E966796	Total Alkanes	30	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:	BH5Q0	SDG No.:	BG052324
Lab Sample ID:	P2547-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BG061277.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

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	52.9	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	98	U	98	52.9	210	ug/Kg
67-72-1	Hexachloroethane	76	U	76	52.9	210	ug/Kg
98-95-3	Nitrobenzene	80	U	80	52.9	210	ug/Kg
78-59-1	Isophorone	82	U	82	52.9	210	ug/Kg
88-75-5	2-Nitrophenol	75	U	75	52.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	52.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	52.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.9	210	ug/Kg
91-20-3	Naphthalene	30	U	30	52.9	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	52.9	410	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	52.9	210	ug/Kg
105-60-2	Caprolactam	80	U	80	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	52.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	52.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	52.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	52.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	52.9	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:	BH5Q0	SDG No.:	BG052324
Lab Sample ID:	P2547-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BG061277.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	52.9	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.9	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	52.9	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	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	52.9	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.9	210	ug/Kg
86-73-7	Fluorene	34	U	34	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.9	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	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	52.9	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	160	J	34	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	52.9	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.9	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	52.9	210	ug/Kg
206-44-0	Fluoranthene	430		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:	BH5Q0	SDG No.:	BG052324
Lab Sample ID:	P2547-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BG061277.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	410		22	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	210		29	52.9	210	ug/Kg
218-01-9	Chrysene	240		30	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	J	31	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	340		46	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	47	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	250		39	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	35	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50	J	32	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	J	40	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.127		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	7.713	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	11.736		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.98		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.035		15-120		30	SPK: -40
190780-66-6	4-Methylphenol-d8	10.209		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	11.627		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.572		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.448		10-140		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.281		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.3		10-145		31	SPK: -40
93951-97-4	Acenaphthylene-d8	12.52		15-120		31	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.779		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	12.948		20-140		32	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:	BH5Q0	SDG No.:	BG052324
Lab Sample ID:	P2547-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BG061277.D	1	5/21/2024 12:00:00 AM	5/23/2024 12:00:00 AM	PB161044

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.661		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	13.533		10-150		34	SPK: -40
1718-52-1	Pyrene-d10	13.972		10-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.646		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	28177	7.884				
1146-65-2	Naphthalene-d8	128850	10.681				
15067-26-2	Acenaphthene-d10	112394	14.518				
1517-22-2	Phenanthrene-d10	282561	17.267				
1719-03-5	Chrysene-d12	282946	21.515				
1520-96-3	Perylene-d12	315304	24.606				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	8100	J			3.078	
	unknown-01	120	J			3.607	
000084-69-5	1,2-Benzenedicarboxylic acid, bis(	96	J			17.549	
027208-37-3	Cyclopenta[cd]pyrene	90	J			21.198	
000112-84-5	13-Docosenamide, (Z)-	130	J			22.931	
000192-97-2	Benzo[e]pyrene	140	J			24.318	
	unknown-02	93	J			28.531	
E966796	Total Alkanes	32	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG052324

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-WATER-QT2-2024-04							
P2409-02	MDL-WATER-QT2-2024 Water	Total Alkanes	*	0.000	0.99	5	ug/L
		Total Tics :			0.00		
P2409-02	MDL-WATER-QT2-2024 Water	1,1-Biphenyl	4.800	J	0.99	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	1,2,3,4-Tetrachlorobenzene	4.800	J	0.92	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	1,2,4,5-Tetrachlorobenzene	4.700	J	0.9	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	1,4-Dioxane	1.400	J	1.2	2	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	1-Methylnaphthalene	5.000		1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,2-oxybis(1-Chloropropane)	4.900	J	1.2	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,3,4,6-Tetrachlorophenol	4.400	J	1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,4,5-Trichlorophenol	5.000		0.8	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,4,6-Trichlorophenol	4.600	J	0.81	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,4-Dichlorophenol	4.800	J	0.93	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,4-Dimethylphenol	2.600	J	1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,4-Dinitrophenol	4.300	J	2.8	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,4-Dinitrotoluene	4.600	J	1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,6-Dinitrotoluene	4.800	J	1.3	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2-Chloronaphthalene	4.800	J	1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2-Chlorophenol	4.500	J	1.2	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2-Methylnaphthalene	4.900	J	1.6	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2-Methylphenol	4.600	J	0.82	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2-Nitroaniline	4.600	J	1.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2-Nitrophenol	4.800	J	1.2	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	3,3-Dichlorobenzidine	4.700	J	1.7	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	3-Nitroaniline	5.100	J	1.5	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4,6-Dinitro-2-methylphenol	4.500	J	1.2	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Bromophenyl-phenylether	4.800	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Chloro-3-methylphenol	4.700	J	2	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Chloroaniline	4.800	J	1.8	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Chlorophenyl-phenylether	5.000		0.96	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Methylphenol	4.800	J	1.2	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Nitroaniline	4.900	J	1.2	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Nitrophenol	4.900	J	1.4	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Acenaphthene	5.100		1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Acenaphthylene	5.000		1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Acetophenone	5.100	J	0.89	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Anthracene	4.500	J	0.72	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Atrazine	5.700	J	0.96	10	ug/L

Hit Summary Sheet SW-846

SDG No.: BG052324

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2409-02	MDL-WATER-QT2-2024 Water	Benzaldehyde	5.500	J	2.3	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(a)anthracene	4.900	J	0.56	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(a)pyrene	5.000		1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(b)fluoranthene	5.000		1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(g,h,i)perylene	5.000		1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(k)fluoranthene	5.100		1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Bis(2-Chloroethoxy)methane	5.200		1.2	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Bis(2-Chloroethyl)ether	5.200	J	1.3	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Bis(2-ethylhexyl)phthalate	4.900	J	0.87	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Butylbenzylphthalate	4.900	J	0.97	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Caprolactam	5.900	J	2.9	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Carbazole	4.900	J	1	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Chrysene	4.900	J	0.75	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Di-n-butylphthalate	4.800	J	0.81	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Di-n-octyl phthalate	5.100	J	1.5	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Dibenzo(a,h)anthracene	5.000		1.2	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Dibenzofuran	5.100		0.87	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Diethylphthalate	4.900	J	0.87	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Dimethylphthalate	4.900	J	1.3	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Fluoranthene	4.900	J	0.65	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Fluorene	5.000		0.87	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Hexachlorobenzene	4.800	J	0.56	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Hexachlorobutadiene	4.700	J	0.98	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Hexachlorocyclopentadiene	4.100	J	3.1	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Hexachloroethane	4.600	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Indeno(1,2,3-cd)pyrene	4.900	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Isophorone	4.800	J	1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	N-Nitroso-di-n-propylamine	5.000		1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	N-Nitrosodiphenylamine	4.800	J	0.71	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Naphthalene	4.900	J	0.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Nitrobenzene	4.500	J	0.99	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Pentachlorobenzene	5.000		1.2	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Pentachlorophenol	4.700	J	2.5	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Phenanthrene	4.900	J	0.97	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Phenol	4.700	J	1.5	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Pyrene	5.000		0.53	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Pyridine	5.600	J	2.2	10	ug/L

Total Svoc : 345.60

Total Concentration: 345.60

Client ID : MDL-SOIL-QT2-2024-04

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SDG No.: BG052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Total Alkanes	*	0.000	26	170	ug/Kg
			Total Tics :			0.00		
P2409-04	MDL-SOIL-QT2-2024-0	Solid	1,1-Biphenyl	160.000	J	26	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	1,2,3,4-Tetrachlorobenzene	150.000	J	17	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	1,2,4,5-Tetrachlorobenzene	160.000	J	34	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	1,4-Dioxane	44.000	J	27	66	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	1-Methylnaphthalene	170.000		24	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,2-oxybis(1-Chloropropane)	160.000	J	40	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,3,4,6-Tetrachlorophenol	130.000	J	36	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,4,5-Trichlorophenol	140.000	J	33	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,4,6-Trichlorophenol	150.000	J	24	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,4-Dichlorophenol	160.000	J	38	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,4-Dimethylphenol	86.000	J	32	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,4-Dinitrophenol	140.000	J	130	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,4-Dinitrotoluene	160.000	J	35	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,6-Dinitrotoluene	150.000	J	20	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2-Chloronaphthalene	160.000	J	33	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2-Chlorophenol	160.000	J	28	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2-Methylnaphthalene	160.000	J	32	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2-Methylphenol	150.000	J	31	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2-Nitroaniline	150.000	J	45	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2-Nitrophenol	150.000	J	60	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	3,3-Dichlorobenzidine	150.000	J	52	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	3-Nitroaniline	170.000	J	66	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4,6-Dinitro-2-methylphenol	150.000	J	38	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Bromophenyl-phenylether	160.000	J	26	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Chloro-3-methylphenol	160.000	J	41	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Chloroaniline	160.000	J	36	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Chlorophenyl-phenylether	160.000	J	20	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Methylphenol	160.000	J	53	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Nitroaniline	160.000	J	24	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Nitrophenol	160.000	J	44	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Acenaphthene	160.000	J	26	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Acenaphthylene	160.000	J	29	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Acetophenone	160.000	J	66	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Anthracene	150.000	J	25	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Atrazine	190.000	J	28	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzaldehyde	190.000	J	58	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(a)anthracene	160.000	J	23	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(a)pyrene	170.000		31	170	ug/Kg

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SDG No.: BG052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(b)fluoranthene	180.000		37	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(g,h,i)perylene	170.000		32	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(k)fluoranthene	170.000		38	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Bis(2-Chloroethoxy)methane	160.000	J	45	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Bis(2-Chloroethyl)ether	170.000	J	29	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Bis(2-ethylhexyl)phthalate	160.000	J	25	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Butylbenzylphthalate	160.000	J	22	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Caprolactam	190.000	J	64	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Carbazole	160.000	J	34	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Chrysene	160.000	J	24	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Di-n-butylphthalate	160.000	J	27	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Di-n-octyl phthalate	180.000	J	48	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Dibenzo(a,h)anthracene	170.000		26	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Dibenzofuran	160.000	J	27	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Diethylphthalate	160.000	J	33	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Dimethylphthalate	160.000	J	30	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Fluoranthene	170.000		19	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Fluorene	170.000		27	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Hexachlorobenzene	160.000	J	28	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Hexachlorobutadiene	150.000	J	35	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Hexachlorocyclopentadiene	140.000	J	97	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Hexachloroethane	160.000	J	61	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Indeno(1,2,3-cd)pyrene	170.000		28	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Isophorone	160.000	J	66	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	N-Nitroso-di-n-propylamine	170.000		79	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	N-Nitrosodiphenylamine	160.000	J	24	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Naphthalene	160.000	J	24	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Nitrobenzene	160.000	J	64	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Pentachlorobenzene	160.000	J	37	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Pentachlorophenol	160.000	J	88	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Phenanthrene	160.000	J	27	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Phenol	160.000	J	30	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Pyrene	170.000		18	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Pyridine	180.000	J	77	330	ug/Kg
Total Svoc :				11,410.00				
Total Concentration:				11,410.00				

Client ID : MDL-MED-SOIL-QT2-2024-04

P2409-06	MDL-MED-SOIL-QT2-2	Solid	Total Alkanes	*	0.000	860	4700	ug/Kg
Total Tics :					0.00			
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1,1-Biphenyl		4,700.000	860	4700	ug/Kg

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SDG No.: BG052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1,2,3,4-Tetrachlorobenzene	4,300.000	J	2100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1,2,4,5-Tetrachlorobenzene	4,600.000	J	830	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1,4-Dioxane	1,100.000	J	890	1900	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1-Methylnaphthalene	5,000.000		580	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,2-oxybis(1-Chloropropane)	4,800.000	J	1900	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,3,4,6-Tetrachlorophenol	4,300.000	J	1700	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4,5-Trichlorophenol	4,300.000	J	910	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4,6-Trichlorophenol	4,300.000	J	1100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4-Dichlorophenol	4,600.000	J	710	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4-Dimethylphenol	2,400.000	J	560	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4-Dinitrophenol	4,500.000	J	3400	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4-Dinitrotoluene	4,500.000	J	910	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,6-Dinitrotoluene	4,600.000	J	1400	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Chloronaphthalene	4,700.000		800	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Chlorophenol	4,500.000	J	1400	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Methylnaphthalene	4,700.000		720	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Methylphenol	4,700.000	J	1100	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Nitroaniline	4,400.000	J	1500	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Nitrophenol	4,300.000	J	820	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	3,3-Dichlorobenzidine	4,000.000	J	1900	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	3-Nitroaniline	4,900.000	J	1200	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4,6-Dinitro-2-methylphenol	4,800.000	J	2400	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Bromophenyl-phenylether	4,800.000		1800	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Chloro-3-methylphenol	4,300.000	J	1000	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Chloroaniline	4,800.000	J	850	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Chlorophenyl-phenylether	4,900.000		1100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Methylphenol	4,600.000	J	1400	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Nitroaniline	4,700.000	J	1100	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Nitrophenol	4,500.000	J	1500	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Acenaphthene	4,700.000		740	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Acenaphthylene	4,700.000		820	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Acetophenone	5,000.000	J	1400	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Anthracene	4,300.000	J	540	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Atrazine	5,400.000	J	2000	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzaldehyde	5,900.000	J	2000	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(a)anthracene	4,600.000	J	730	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(a)pyrene	4,800.000		930	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(b)fluoranthene	5,000.000		920	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(g,h,i)perylene	4,900.000		850	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(k)fluoranthene	4,700.000		790	4700	ug/Kg

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SDG No.: BG052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Bis(2-Chloroethoxy)methane	4,500.000	J	920	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Bis(2-Chloroethyl)ether	4,800.000	J	1800	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Bis(2-ethylhexyl)phthalate	4,700.000		540	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Butylbenzylphthalate	4,700.000		490	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Caprolactam	5,300.000	J	1900	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Carbazole	4,800.000	J	900	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Chrysene	4,700.000		610	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Di-n-butylphthalate	4,600.000	J	800	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Di-n-octyl phthalate	5,000.000	J	1200	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Dibenzo(a,h)anthracene	4,700.000		730	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Dibenzofuran	4,800.000		740	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Diethylphthalate	4,700.000		1600	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Dimethylphthalate	4,700.000		770	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Fluoranthene	4,800.000		570	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Fluorene	4,900.000		1600	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Hexachlorobenzene	4,600.000	J	2100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Hexachlorobutadiene	4,500.000	J	1100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Hexachlorocyclopentadiene	3,900.000	J	2500	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Hexachloroethane	4,400.000	J	1600	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Indeno(1,2,3-cd)pyrene	4,900.000		880	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Isophorone	4,600.000	J	1000	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	N-Nitroso-di-n-propylamine	4,900.000		2000	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	N-Nitrosodiphenylamine	4,700.000		2600	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Naphthalene	4,500.000	J	530	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Nitrobenzene	4,300.000	J	1700	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Pentachlorobenzene	4,900.000		2000	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Pentachlorophenol	4,400.000	J	3100	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Phenanthrene	4,700.000		650	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Phenol	4,600.000	J	1400	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Pyrene	4,800.000		580	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Pyridine	4,500.000	J	3300	9400	ug/Kg

Total Svoc : 330,500.00

Total Concentration: 330,500.00

Client ID : BH5P1

P2547-03	BH5P1	Solid	1-Phenoxypropan-2-ol	*	130.000	J
P2547-03	BH5P1	Solid	9-Octadecenamide, (Z)-	*	96.000	J
P2547-03	BH5P1	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J
P2547-03	BH5P1	Solid	Perylene	*	88.000	J
P2547-03	BH5P1	Solid	unknown-01	*	280.000	J
P2547-03	BH5P1	Solid	unknown-02	*	110.000	J

Hit Summary Sheet SW-846

SDG No.: BG052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2547-03	BH5P1	Solid	unknown-03	*	87.000	J		
P2547-03	BH5P1	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :				2,491.00				
P2547-03	BH5P1	Solid	Anthracene		51.000	J 31	210	ug/Kg
P2547-03	BH5P1	Solid	Benzo(a)anthracene		180.000	J 28	210	ug/Kg
P2547-03	BH5P1	Solid	Benzo(a)pyrene		180.000	J 38	210	ug/Kg
P2547-03	BH5P1	Solid	Benzo(b)fluoranthene		230.000	46	210	ug/Kg
P2547-03	BH5P1	Solid	Benzo(g,h,i)perylene		120.000	J 40	210	ug/Kg
P2547-03	BH5P1	Solid	Benzo(k)fluoranthene		85.000	J 47	210	ug/Kg
P2547-03	BH5P1	Solid	Chrysene		190.000	J 30	210	ug/Kg
P2547-03	BH5P1	Solid	Fluoranthene		430.000	23	210	ug/Kg
P2547-03	BH5P1	Solid	Indeno(1,2,3-cd)pyrene		100.000	J 35	210	ug/Kg
P2547-03	BH5P1	Solid	Phenanthrene		290.000	33	210	ug/Kg
P2547-03	BH5P1	Solid	Pyrene		350.000	22	210	ug/Kg
Total Svoc :				2,206.00				
Total Concentration:				4,697.00				
Client ID : BH5Q0								
P2547-07	BH5Q0	Solid	1,2-Benzenedicarboxylic acid, bis	*	96.000	J		
P2547-07	BH5Q0	Solid	13-Docosenamide, (Z)-	*	130.000	J		
P2547-07	BH5Q0	Solid	Benzo[e]pyrene	*	140.000	J		
P2547-07	BH5Q0	Solid	Butane, 2-methoxy-2-methyl-	*	8,100.000	J		
P2547-07	BH5Q0	Solid	Cyclopenta[cd]pyrene	*	90.000	J		
P2547-07	BH5Q0	Solid	unknown-01	*	120.000	J		
P2547-07	BH5Q0	Solid	unknown-02	*	93.000	J		
P2547-07	BH5Q0	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :				8,769.00				
P2547-07	BH5Q0	Solid	Benzo(a)anthracene		210.000	29	210	ug/Kg
P2547-07	BH5Q0	Solid	Benzo(a)pyrene		250.000	39	210	ug/Kg
P2547-07	BH5Q0	Solid	Benzo(b)fluoranthene		340.000	46	210	ug/Kg
P2547-07	BH5Q0	Solid	Benzo(g,h,i)perylene		180.000	J 40	210	ug/Kg
P2547-07	BH5Q0	Solid	Benzo(k)fluoranthene		110.000	J 47	210	ug/Kg
P2547-07	BH5Q0	Solid	Bis(2-ethylhexyl)phthalate		100.000	J 31	210	ug/Kg
P2547-07	BH5Q0	Solid	Chrysene		240.000	30	210	ug/Kg
P2547-07	BH5Q0	Solid	Dibenzo(a,h)anthracene		50.000	J 32	210	ug/Kg
P2547-07	BH5Q0	Solid	Fluoranthene		430.000	24	210	ug/Kg
P2547-07	BH5Q0	Solid	Indeno(1,2,3-cd)pyrene		150.000	J 35	210	ug/Kg
P2547-07	BH5Q0	Solid	Phenanthrene		160.000	J 34	210	ug/Kg
P2547-07	BH5Q0	Solid	Pyrene		410.000	22	210	ug/Kg
Total Svoc :				2,630.00				

Hit Summary Sheet SW-846

SDG No.: BG052324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				11,399.00				
Client ID :	BH5X6							
P2547-21	BH5X6	Solid	Butane, 2-methoxy-2-methyl-	*	11,000.000	J		
P2547-21	BH5X6	Solid	Tetradecanamide	*	120.000	J		
P2547-21	BH5X6	Solid	unknown-01	*	81.000	J		
P2547-21	BH5X6	Solid	Total Alkanes	*	0.000	31	200	ug/Kg
Total Tics :				11,201.00				
P2547-21	BH5X6	Solid	Anthracene		40.000	J	30	200 ug/Kg
P2547-21	BH5X6	Solid	Benzo(a)anthracene		150.000	J	27	200 ug/Kg
P2547-21	BH5X6	Solid	Benzo(a)pyrene		140.000	J	37	200 ug/Kg
P2547-21	BH5X6	Solid	Benzo(b)fluoranthene		170.000	J	44	200 ug/Kg
P2547-21	BH5X6	Solid	Benzo(g,h,i)perylene		92.000	J	38	200 ug/Kg
P2547-21	BH5X6	Solid	Benzo(k)fluoranthene		67.000	J	45	200 ug/Kg
P2547-21	BH5X6	Solid	Chrysene		150.000	J	28	200 ug/Kg
P2547-21	BH5X6	Solid	Fluoranthene		320.000		23	200 ug/Kg
P2547-21	BH5X6	Solid	Indeno(1,2,3-cd)pyrene		81.000	J	33	200 ug/Kg
P2547-21	BH5X6	Solid	Phenanthrene		200.000		32	200 ug/Kg
P2547-21	BH5X6	Solid	Pyrene		270.000		21	200 ug/Kg
Total Svoc :				1,680.00				
Total Concentration:				12,881.00				
Client ID :	BH5X7							
P2547-22	BH5X7	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P2547-22	BH5X7	Solid	Total Alkanes	*	0.000	30	200	ug/Kg
Total Tics :				1,200.00				
P2547-22	BH5X7	Solid	Benzo(a)anthracene		43.000	J	27	200 ug/Kg
P2547-22	BH5X7	Solid	Benzo(a)pyrene		42.000	J	36	200 ug/Kg
P2547-22	BH5X7	Solid	Benzo(b)fluoranthene		51.000	J	43	200 ug/Kg
P2547-22	BH5X7	Solid	Chrysene		44.000	J	28	200 ug/Kg
P2547-22	BH5X7	Solid	Fluoranthene		90.000	J	22	200 ug/Kg
P2547-22	BH5X7	Solid	Phenanthrene		56.000	J	31	200 ug/Kg
P2547-22	BH5X7	Solid	Pyrene		78.000	J	21	200 ug/Kg
Total Svoc :				404.00				
Total Concentration:				1,604.00				

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.: BG052324 SAS No.: BG052324 SDG NO.: BG052324

EPA Sample No.: SSTD020415 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 11:05

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 SBLK908	19313	7.89	84879	10.68	76224	14.52
02 MDL-WATER-QT2-2024-04	27041	7.89	123050	10.68	106700	14.52
03 MDL-SOIL-QT2-2024-04	26269	7.89	121244	10.68	108963	14.52
04 MDL-MED-SOIL-QT2-2024-04	27144	7.89	130758	10.68	116143	14.52
05 SBLK910	19876	7.88	87708	10.68	76277	14.52
06 SBLK913	20643	7.88	91112	10.68	82779	14.52
07 SBLK044	20560	7.89	89525	10.68	77684	14.52
08 BH5P1	19077	7.88	82159	10.68	73283	14.52
09 BH5X6	17592	7.88	80000	10.68	68486	14.52
10 BH5X7	18812	7.89	81957	10.68	73960	14.52
11 BH5Q0	28177	7.88	128850	10.68	112394	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.: BG052324 SAS No.: BG052324 SDG NO.: BG052324

EPA Sample No.: SSTD020493 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BG061266.D Time Analyzed: 11:05

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	20022	7.885	93899	10.68	82258	14.52
UPPER LIMIT	40044	8.385	187798	11.181	164516	15.018
LOWER LIMIT	10011	7.385	46949.5	10.181	41129	14.018
EPA SAMPLE NO.						
01 SBLK908	19313	7.89	84879	10.68	76224	14.52
02 MDL-WATER-QT2-2024-04	27041	7.89	123050	10.68	106700	14.52
03 MDL-SOIL-QT2-2024-04	26269	7.89	121244	10.68	108963	14.52
04 MDL-MED-SOIL-QT2-2024-04	27144	7.89	130758	10.68	116143	14.52
05 SBLK910	19876	7.88	87708	10.68	76277	14.52
06 SBLK913	20643	7.88	91112	10.68	82779	14.52
07 SBLK044	20560	7.89	89525	10.68	77684	14.52
08 BH5P1	19077	7.88	82159	10.68	73283	14.52
09 BH5X6	17592	7.88	80000	10.68	68486	14.52
10 BH5X7	18812	7.89	81957	10.68	73960	14.52
11 BH5Q0	28177	7.88	128850	10.68	112394	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.: BG052324 SAS No.: BG052324 SDG NO.: BG052324

EPA Sample No.: SSTD020415 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BG061251.D Time Analyzed: 11:05

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 SBLK908	206222	17.27	218145	21.52	241147	24.60
02 MDL-WATER-QT2-2024-04	286961	17.27	290099	21.52	309246	24.60
03 MDL-SOIL-QT2-2024-04	292995	17.27	294195	21.52	305297	24.60
04 MDL-MED-SOIL-QT2-2024-04	311810	17.27	304470	21.52	321764	24.60
05 SBLK910	197686	17.27	209207	21.51	232541	24.60
06 SBLK913	219129	17.27	222456	21.52	247171	24.60
07 SBLK044	215273	17.27	226003	21.52	254551	24.60
08 BH5P1	188729	17.27	195303	21.52	211928	24.60
09 BH5X6	184619	17.27	185386	21.52	206625	24.60
10 BH5X7	200190	17.27	204029	21.52	225155	24.60
11 BH5Q0	282561	17.27	282946	21.52	315304	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.: BG052324 SAS No.: BG052324 SDG NO.: BG052324

EPA Sample No.: SSTD020493 Date Analyzed: May 23 2024 12:00AM

Lab File ID: BG061266.D Time Analyzed: 11:05

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	215358	17.268	218839	21.522	240886	24.606
	UPPER LIMIT	430716	17.768	437678	22.022	481772	25.106
	LOWER LIMIT	107679	16.768	109419.5	21.022	120443	24.106
	EPA SAMPLE NO.						
	SBLK908	206222	17.27	218145	21.52	241147	24.60
01	MDL-WATER-QT2-2024-04	286961	17.27	290099	21.52	309246	24.60
02	MDL-SOIL-QT2-2024-04	292995	17.27	294195	21.52	305297	24.60
03	MDL-MED-SOIL-QT2-2024-04	311810	17.27	304470	21.52	321764	24.60
04	SBLK910	197686	17.27	209207	21.51	232541	24.60
05	SBLK913	219129	17.27	222456	21.52	247171	24.60
06	SBLK044	215273	17.27	226003	21.52	254551	24.60
07	BH5P1	188729	17.27	195303	21.52	211928	24.60
08	BH5X6	184619	17.27	185386	21.52	206625	24.60
09	BH5X7	200190	17.27	204029	21.52	225155	24.60
10	BH5Q0	282561	17.27	282946	21.52	315304	24.61
11							

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK908

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG052324

SAS No.: BG052324 SDG NO.: BG052324

Lab File ID: BG061267.D

Lab Sample ID: PB160908BL

Instrument ID: BNA_G

Date Extracted: 05/14/2024

Matrix: (soil/water) Water

Date Analyzed: 05/23/2024

Level: (low/med) LOW

Time Analyzed: 11:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT2-2024-04	P2409-02	BG061268.D	05/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK910

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG052324

SAS No.: BG052324 SDG NO.: BG052324

Lab File ID: BG061271.D

Lab Sample ID: PB160910BL

Instrument ID: BNA_G

Date Extracted: 05/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/23/2024

Level: (low/med) LOW

Time Analyzed: 14:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT2-2024-04	P2409-04	BG061269.D	05/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK913

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG052324

SAS No.: BG052324 SDG NO.: BG052324

Lab File ID: BG061272.D

Lab Sample ID: PB160913BL

Instrument ID: BNA_G

Date Extracted: 05/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/23/2024

Level: (low/med) MED

Time Analyzed: 15:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-MED-SOIL-QT2-2024-04	P2409-06	BG061270.D	05/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK044

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG052324

SAS No.: BG052324 SDG NO.: BG052324

Lab File ID: BG061273.D

Lab Sample ID: PB161044BL

Instrument ID: BNA_G

Date Extracted: 05/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/23/2024

Level: (low/med) LOW

Time Analyzed: 16:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH5P1	P2547-03	BG061274.D	05/23/2024
BH5X6	P2547-21	BG061275.D	05/23/2024
BH5X7	P2547-22	BG061276.D	05/23/2024
BH5Q0	P2547-07	BG061277.D	05/23/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BG052324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-02	MDL-WATER-QT2BG061268.D		1,4-Dioxane-d8	8	5.90	74		15	120
			Pyridine-d5	40	25.78	64		20	120
			Phenol-d5	40	21.75	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.89	57		25	120
			2-Chlorophenol-d4	40	22.17	55		20	130
			4-Methylphenol-d8	40	21.82	55		25	125
			Nitrobenzene-d5	40	22.90	57		20	125
			2-Nitrophenol-d4	40	21.68	54		20	130
			2,4-Dichlorophenol-d3	40	21.44	54		20	120
			4-Chloroaniline-d4	40	22.09	55		1	146
			Dimethylphthalate-d6	40	22.92	57		25	130
			Acenaphthylene-d8	40	22.88	57		10	130
			4-Nitrophenol-d4	40	22.59	56		10	150
			Fluorene-d10	40	23.56	59		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.56	49		10	130
			Anthracene-d10	40	20.60	51		25	130
			Pyrene-d10	40	22.56	56		15	130
			Benzo(a)pyrene-d12	40	23.31	58		20	130
PB160908BL	PB160908BL	BG061267.D	Pyridine-d5	40	34.85	87		20	120
			1,4-Dioxane-d8	8	7.78	97		15	120
			Phenol-d5	40	27.66	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.35	76		25	120
			2-Chlorophenol-d4	40	29.83	75		20	130
			4-Methylphenol-d8	40	29.93	75		25	125
			Nitrobenzene-d5	40	30.05	75		20	125
			2-Nitrophenol-d4	40	30.42	76		20	130
			2,4-Dichlorophenol-d3	40	28.31	71		20	120
			4-Chloroaniline-d4	40	30.93	77		1	146
			Dimethylphthalate-d6	40	32.86	82		25	130
			Acenaphthylene-d8	40	30.95	77		10	130
			4-Nitrophenol-d4	40	30.97	77		10	150
			Fluorene-d10	40	31.77	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.04	63		10	130
			Anthracene-d10	40	32.08	80		25	130
			Pyrene-d10	40	32.23	81		15	130
			Benzo(a)pyrene-d12	40	32.82	82		20	130

Surrogate Summary

SW-846

SDG No.: BG052324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-04	MDL-SOIL-QT2-2(BG061269.D		1,4-Dioxane-d8	8	5.19	65		15	120
			Pyridine-d5	40	26.78	67		20	120
			Phenol-d5	40	21.88	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.86	57		10	150
			2-Chlorophenol-d4	40	22.68	57		15	120
			4-Methylphenol-d8	40	21.96	55		10	140
			Nitrobenzene-d5	40	22.07	55		10	135
			2-Nitrophenol-d4	40	21.55	54		10	120
			2,4-Dichlorophenol-d3	40	21.54	54		10	140
			4-Chloroaniline-d4	40	21.99	55		1	145
			Dimethylphthalate-d6	40	22.16	55		10	145
			Acenaphthylene-d8	40	22.55	56		15	120
			4-Nitrophenol-d4	40	23.35	58		10	150
			Fluorene-d10	40	22.99	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.27	51		10	130
			Anthracene-d10	40	20.56	51		10	150
			Pyrene-d10	40	22.89	57		10	130
			Benzo(a)pyrene-d12	40	23.87	60		10	140
PB160910BL	PB160910BL	BG061271.D	1,4-Dioxane-d8	8	4.88	61		15	120
			Pyridine-d5	40	27.25	68		20	120
			Phenol-d5	40	26.30	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.74	69		10	150
			2-Chlorophenol-d4	40	28.91	72		15	120
			4-Methylphenol-d8	40	28.75	72		10	140
			Nitrobenzene-d5	40	28.11	70		10	135
			2-Nitrophenol-d4	40	27.90	70		10	120
			2,4-Dichlorophenol-d3	40	27.21	68		10	140
			4-Chloroaniline-d4	40	30.17	75		1	145
			Dimethylphthalate-d6	40	31.25	78		10	145
			Acenaphthylene-d8	40	29.99	75		15	120
			4-Nitrophenol-d4	40	27.43	69		10	150
			Fluorene-d10	40	31.02	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.64	59		10	130
			Anthracene-d10	40	31.24	78		10	150
			Pyrene-d10	40	30.24	76		10	130
			Benzo(a)pyrene-d12	40	31.24	78		10	140

Surrogate Summary

SW-846

SDG No.: BG052324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-06	MDL-MED-SOIL-(BG061270.D		Pyridine-d5	40	23.72	59		20	120
			1,4-Dioxane-d8	8	4.51	56		15	120
			Phenol-d5	40	22.46	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.01	58		10	150
			2-Chlorophenol-d4	40	22.92	57		15	120
			4-Methylphenol-d8	40	22.04	55		10	140
			Nitrobenzene-d5	40	21.69	54		10	135
			2-Nitrophenol-d4	40	22.27	56		10	120
			2,4-Dichlorophenol-d3	40	21.14	53		10	140
			4-Chloroaniline-d4	40	21.94	55		1	145
			Dimethylphthalate-d6	40	23.07	58		10	145
			Acenaphthylene-d8	40	23.15	58		15	120
			4-Nitrophenol-d4	40	22.92	57		10	150
			Fluorene-d10	40	23.63	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.12	50		10	130
			Anthracene-d10	40	20.71	52		10	150
			Pyrene-d10	40	23.51	59		10	130
			Benzo(a)pyrene-d12	40	23.44	59		10	140
PB160913BL	PB160913BL	BG061272.D	1,4-Dioxane-d8	8	6.55	82		15	120
			Pyridine-d5	40	31.10	78		20	120
			Phenol-d5	40	28.48	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.87	75		10	150
			2-Chlorophenol-d4	40	29.94	75		15	120
			4-Methylphenol-d8	40	29.64	74		10	140
			Nitrobenzene-d5	40	30.13	75		10	135
			2-Nitrophenol-d4	40	30.87	77		10	120
			2,4-Dichlorophenol-d3	40	28.19	70		10	140
			4-Chloroaniline-d4	40	31.29	78		1	145
			Dimethylphthalate-d6	40	32.35	81		10	145
			Acenaphthylene-d8	40	30.80	77		15	120
			4-Nitrophenol-d4	40	28.95	72		10	150
			Fluorene-d10	40	31.51	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.14	63		10	130
			Anthracene-d10	40	31.87	80		10	150
			Pyrene-d10	40	32.43	81		10	130
			Benzo(a)pyrene-d12	40	32.09	80		10	140

Surrogate Summary

SW-846

SDG No.: BG052324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2547-03	BH5P1	BG061274.D	1,4-Dioxane-d8	8	4.14	52		15	120
			Pyridine-d5	40	16.78	42		20	120
			Phenol-d5	40	18.92	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.69	52		10	150
			2-Chlorophenol-d4	40	20.06	50		15	120
			4-Methylphenol-d8	40	19.76	49		10	140
			Nitrobenzene-d5	40	19.97	50		10	135
			2-Nitrophenol-d4	40	20.09	50		10	120
			2,4-Dichlorophenol-d3	40	20.63	52		10	140
			4-Chloroaniline-d4	40	20.82	52		1	145
			Dimethylphthalate-d6	40	21.78	54		10	145
			Acenaphthylene-d8	40	21.79	54		15	120
			4-Nitrophenol-d4	40	20.68	52		10	150
			Fluorene-d10	40	22.97	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.97	42		10	130
			Anthracene-d10	40	24.28	61		10	150
			Pyrene-d10	40	24.70	62		10	130
			Benzo(a)pyrene-d12	40	24.48	61		10	140
P2547-07	BH5Q0	BG061277.D	1,4-Dioxane-d8	8	2.13	27		15	120
			Pyridine-d5	40	7.71	19	*	20	120
			Phenol-d5	40	11.74	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.98	30		10	150
			2-Chlorophenol-d4	40	12.04	30		15	120
			4-Methylphenol-d8	40	10.21	26		10	140
			Nitrobenzene-d5	40	11.63	29		10	135
			2-Nitrophenol-d4	40	11.57	29		10	120
			2,4-Dichlorophenol-d3	40	11.45	29		10	140
			4-Chloroaniline-d4	40	8.28	21		1	145
			Dimethylphthalate-d6	40	12.30	31		10	145
			Acenaphthylene-d8	40	12.52	31		15	120
			4-Nitrophenol-d4	40	8.78	22		10	150
			Fluorene-d10	40	12.95	32		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.66	24		10	130
			Anthracene-d10	40	13.53	34		10	150
			Pyrene-d10	40	13.97	35		10	130
			Benzo(a)pyrene-d12	40	13.65	34		10	140
P2547-21	BH5X6	BG061275.D	Pyridine-d5	40	10.11	25		20	120
			1,4-Dioxane-d8	8	2.79	35		15	120
			Phenol-d5	40	14.86	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.21	43		10	150
			2-Chlorophenol-d4	40	16.64	42		15	120
			4-Methylphenol-d8	40	15.80	39		10	140
			Nitrobenzene-d5	40	16.41	41		10	135
			2-Nitrophenol-d4	40	16.75	42		10	120
			2,4-Dichlorophenol-d3	40	15.96	40		10	140
			4-Chloroaniline-d4	40	14.59	36		1	145
			Dimethylphthalate-d6	40	18.70	47		10	145
			Acenaphthylene-d8	40	18.47	46		15	120
			4-Nitrophenol-d4	40	16.37	41		10	150

Surrogate Summary

SW-846

SDG No.: BG052324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2547-21	BH5X6	BG061275.D	Fluorene-d10	40	20.00	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.06	35		10	130
			Anthracene-d10	40	19.96	50		10	150
			Pyrene-d10	40	21.24	53		10	130
			Benzo(a)pyrene-d12	40	20.43	51		10	140
P2547-22	BH5X7	BG061276.D	1,4-Dioxane-d8	8	3.08	38		15	120
			Pyridine-d5	40	13.19	33		20	120
			Phenol-d5	40	14.72	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.42	39		10	150
			2-Chlorophenol-d4	40	15.68	39		15	120
			4-Methylphenol-d8	40	15.36	38		10	140
			Nitrobenzene-d5	40	15.16	38		10	135
			2-Nitrophenol-d4	40	15.61	39		10	120
			2,4-Dichlorophenol-d3	40	15.18	38		10	140
			4-Chloroaniline-d4	40	15.63	39		1	145
			Dimethylphthalate-d6	40	16.82	42		10	145
			Acenaphthylene-d8	40	16.24	41		15	120
			4-Nitrophenol-d4	40	15.15	38		10	150
			Fluorene-d10	40	17.46	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.03	30		10	130
			Anthracene-d10	40	17.13	43		10	150
			Pyrene-d10	40	18.31	46		10	130
			Benzo(a)pyrene-d12	40	17.68	44		10	140
			Pyridine-d5	40	27.53	69		20	120
			1,4-Dioxane-d8	8	5.82	73		15	120
PB161044BL	PB161044BL	BG061273.D	Phenol-d5	40	25.29	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.09	65		10	150
			2-Chlorophenol-d4	40	27.59	69		15	120
			4-Methylphenol-d8	40	26.15	65		10	140
			Nitrobenzene-d5	40	26.95	67		10	135
			2-Nitrophenol-d4	40	27.47	69		10	120
			2,4-Dichlorophenol-d3	40	25.11	63		10	140
			4-Chloroaniline-d4	40	27.83	70		1	145
			Dimethylphthalate-d6	40	29.58	74		10	145
			Acenaphthylene-d8	40	28.30	71		15	120
			4-Nitrophenol-d4	40	29.41	74		10	150
			Fluorene-d10	40	29.01	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.54	56		10	130
			Anthracene-d10	40	30.34	76		10	150
			Pyrene-d10	40	30.69	77		10	130
			Benzo(a)pyrene-d12	40	29.53	74		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG052324

Lab Code: CHEM

SAS No.: BG052324

SDG NO.: BG052324

Lab File ID: BG061265.D

DFTPP Injection Date: 05/23/2024

Instrument ID: BNA_G

DFTPP Injection Time: 08:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	43.4
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	30.6
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	37.8
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	6.6
275	10.0 - 60.0% of mass 198	31.9
365	Greater than 1% of mass 198	4.8
441	Present, but less than mass 443	14.4
442	Greater than 50% of mass 198	88
443	15.0 - 24.0% of mass 442	16.9 (19.2) 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
SSTD020493	SSTDCCC020	BG061266.D	05/23/2024	10:25
SBLK908	PB160908BL	BG061267.D	05/23/2024	11:05
MDL-WATER-QT2-2024-04	P2409-02	BG061268.D	05/23/2024	11:46
MDL-SOIL-QT2-2024-04	P2409-04	BG061269.D	05/23/2024	12:32
MDL-MED-SOIL-QT2-2024-04	P2409-06	BG061270.D	05/23/2024	13:13
SBLK910	PB160910BL	BG061271.D	05/23/2024	14:44
SBLK913	PB160913BL	BG061272.D	05/23/2024	15:25
SBLK044	PB161044BL	BG061273.D	05/23/2024	16:06
BH5P1	P2547-03	BG061274.D	05/23/2024	16:47
BH5X6	P2547-21	BG061275.D	05/23/2024	17:29
BH5X7	P2547-22	BG061276.D	05/23/2024	18:10
BH5Q0	P2547-07	BG061277.D	05/23/2024	18:51
SSTD020494	SSTDCCC020EC	BG061278.D	05/23/2024	19:32