

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF082724 SAS No.: BF082724 SDG No.: BF082724

Instrument ID: BNA_F Calibration Date/Time: 8/27/2024 1:09:03

Lab File ID: BF139175.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.814	0.824		1.229	
Pyridine	1.399	1.450		3.645	
2-Fluorophenol	1.190	1.273		6.975	
Benzaldehyde	1.022	1.023		0.098	
Aniline	1.531	1.563		2.09	
Phenol-d6	1.633	1.671		2.327	
Phenol	1.649	1.719		4.245	20.0
bis(2-Chloroethyl) ether	1.299	1.277		-1.694	
2-Chlorophenol	1.131	1.256		11.052	
1,2-Dichlorobenzene	1.408	1.395		-0.923	
1,3-Dichlorobenzene	1.491	1.483		-0.537	
1,4-Dichlorobenzene	1.496	1.505		0.602	20.0
Benzyl Alcohol	1.231	1.313		6.661	
2-Methylphenol	1.031	1.060		2.813	
2,2-oxybis(1-Chloropropane)	1.883	1.844		-2.071	
Acetophenone	0.514	0.532		3.502	
3+4-Methylphenols	1.315	1.377		4.715	
n-Nitroso-di-n-propylamine	0.977	1.013	0.050	3.685	
Nitrobenzene-d5	0.361	0.426		18.006	
Hexachloroethane	0.473	0.508		7.4	
Nitrobenzene	0.365	0.456		24.932	
Isophorone	0.714	0.752		5.322	
2-Nitrophenol	0.102	0.142		39.216	20.0
2,4-Dimethylphenol	0.212	0.237		11.792	
bis(2-Chloroethoxy) methane	0.413	0.424		2.663	
2,4-Dichlorophenol	0.261	0.301		15.326	20.0
1,2,4-Trichlorobenzene	0.337	0.345		2.374	
Benzoic acid	0.152	0.192		26.316	
Naphthalene	1.023	1.054		3.03	
4-Chloroaniline	0.352	0.364		3.409	
Hexachlorobutadiene	0.219	0.228		4.11	20.0
Caprolactam	0.080	0.093		16.25	
4-Chloro-3-methylphenol	0.300	0.337		12.333	20.0
2-Methylnaphthalene	0.641	0.662		3.276	
Hexachlorocyclopentadiene	0.190	0.206	0.050	8.421	
2,4,6-Trichlorophenol	0.332	0.400		20.482	20.0
2-Fluorobiphenyl	1.288	1.283		-0.388	
2,4,5-Trichlorophenol	0.348	0.403		15.805	
1,1-Biphenyl	1.448	1.487		2.693	

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Lab File ID: BF139175.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.155	1.175		1.732	
2-Nitroaniline	0.268	0.364		35.821	
Dimethylphthalate	1.155	1.264		9.437	
Acenaphthylene	1.627	1.685		3.565	
2,6-Dinitrotoluene	0.197	0.273		38.579	
3-Nitroaniline	0.207	0.278		34.3	
Acenaphthene	1.069	1.108		3.648	20.0
2,4-Dinitrophenol	0.080	0.098	0.050	22.5	
4-Nitrophenol	0.181	0.221	0.050	22.099	
Dibenzofuran	1.560	1.608		3.077	
2,4-Dinitrotoluene	0.244	0.350		43.443	
Diethylphthalate	1.088	1.206		10.846	
4-Chlorophenyl-phenylether	0.604	0.621		2.815	
Fluorene	1.231	1.277		3.737	
4-Nitroaniline	0.219	0.292		33.333	
4,6-Dinitro-2-methylphenol	0.067	0.084		25.373	
n-Nitrosodiphenylamine	0.592	0.609		2.872	20.0
Azobenzene	1.323	1.386		4.762	
2,4,6-Tribromophenol	0.171	0.196		14.62	
4-Bromophenyl-phenylether	0.213	0.216		1.408	
Hexachlorobenzene	0.230	0.240		4.348	
Atrazine	0.129	0.145		12.403	
Pentachlorophenol	0.135	0.157		16.296	20.0
Phenanthrene	1.011	1.032		2.077	
Anthracene	0.985	1.017		3.249	
Carbazole	0.881	0.950		7.832	
Di-n-butylphthalate	0.764	0.964		26.178	
Fluoranthene	0.981	1.092		11.315	20.0
Benzidine	0.337	0.508		50.742	
Pyrene	1.879	1.950		3.779	
Terphenyl-d14	1.282	1.342		4.68	
Butylbenzylphthalate	0.318	0.460		44.654	
3,3-Dichlorobenzidine	0.309	0.342		10.68	
Benzo(a)anthracene	1.325	1.392		5.057	
Chrysene	1.195	1.263		5.69	
Bis(2-ethylhexyl)phthalate	0.349	0.411		17.765	
Di-n-octyl phthalate	0.752	0.677		-9.973	20.0
Benzo(b)fluoranthene	1.170	1.256		7.35	
Benzo(k)fluoranthene	1.058	1.132		6.994	

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF082724 SAS No.: BF082724 SDG No.: BF082724

Instrument ID: BNA_F Calibration Date/Time: 8/27/2024 1:09:03

Lab File ID: BF139175.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.993	1.058		6.546	20.0
Indeno(1,2,3-cd)pyrene	1.368	1.368		0.0	
Dibenzo(a,h)anthracene	1.121	1.127		0.535	
Benzo(g,h,i)perylene	1.159	1.131		-2.416	
1,2,4,5-Tetrachlorobenzene	0.593	0.603		1.686	
1,4-Dioxane	0.563	0.589		4.618	20.0
2,3,4,6-Tetrachlorophenol	0.279	0.327		17.204	
1-Methylnaphthalene	0.627	0.647		3.19	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF082724 SAS No.: BF082724 SDG No.: BF082724

Instrument ID: BNA_F Calibration Date/Time: 8/26/2024 17:35

Lab File ID: BF139168.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDICCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.814	0.825		1.351	
Pyridine	1.399	1.404		0.357	
2-Fluorophenol	1.190	1.242		4.37	
Benzaldehyde	1.022	1.004		-1.761	
Aniline	1.531	1.550		1.241	
Phenol-d6	1.633	1.661		1.715	
Phenol	1.649	1.702		3.214	20.0
bis(2-Chloroethyl) ether	1.299	1.249		-3.849	
2-Chlorophenol	1.131	1.208		6.808	
1,2-Dichlorobenzene	1.408	1.401		-0.497	
1,3-Dichlorobenzene	1.491	1.497		0.402	
1,4-Dichlorobenzene	1.496	1.486		-0.668	20.0
Benzyl Alcohol	1.231	1.302		5.768	
2-Methylphenol	1.031	1.041		0.97	
2,2-oxybis(1-Chloropropane)	1.883	1.883		0.0	
Acetophenone	0.514	0.526		2.335	
3+4-Methylphenols	1.315	1.363		3.65	
n-Nitroso-di-n-propylamine	0.977	1.013	0.050	3.685	
Nitrobenzene-d5	0.361	0.390		8.033	
Hexachloroethane	0.473	0.497		5.074	
Nitrobenzene	0.365	0.427		16.986	
Isophorone	0.714	0.739		3.501	
2-Nitrophenol	0.102	0.116		13.725	20.0
2,4-Dimethylphenol	0.212	0.224		5.66	
bis(2-Chloroethoxy) methane	0.413	0.428		3.632	
2,4-Dichlorophenol	0.261	0.296		13.41	20.0
1,2,4-Trichlorobenzene	0.337	0.346		2.671	
Benzoic acid	0.152	0.161		5.921	
Naphthalene	1.023	1.049		2.542	
4-Chloroaniline	0.352	0.361		2.557	
Hexachlorobutadiene	0.219	0.229		4.566	20.0
Caprolactam	0.080	0.088		10.0	
4-Chloro-3-methylphenol	0.300	0.325		8.333	20.0
2-Methylnaphthalene	0.641	0.662		3.276	
Hexachlorocyclopentadiene	0.190	0.208	0.050	9.474	
2,4,6-Trichlorophenol	0.332	0.390		17.47	20.0
2-Fluorobiphenyl	1.288	1.317		2.252	
2,4,5-Trichlorophenol	0.348	0.400		14.943	
1,1-Biphenyl	1.448	1.504		3.867	

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Instrument ID: BNA_F Calibration Date/Time: 8/26/2024 1:17:35

Lab File ID: BF139168.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDICCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.155	1.205		4.329	
2-Nitroaniline	0.268	0.325		21.269	
Dimethylphthalate	1.155	1.254		8.571	
Acenaphthylene	1.627	1.701		4.548	
2,6-Dinitrotoluene	0.197	0.248		25.888	
3-Nitroaniline	0.207	0.253		22.222	
Acenaphthene	1.069	1.112		4.022	20.0
2,4-Dinitrophenol	0.080	0.080	0.050	0.0	
4-Nitrophenol	0.181	0.202	0.050	11.602	
Dibenzofuran	1.560	1.612		3.333	
2,4-Dinitrotoluene	0.244	0.301		23.361	
Diethylphthalate	1.088	1.200		10.294	
4-Chlorophenyl-phenylether	0.604	0.626		3.642	
Fluorene	1.231	1.274		3.493	
4-Nitroaniline	0.219	0.267		21.918	
4,6-Dinitro-2-methylphenol	0.067	0.070		4.478	
n-Nitrosodiphenylamine	0.592	0.612		3.378	20.0
Azobenzene	1.323	1.389		4.989	
2,4,6-Tribromophenol	0.171	0.187		9.357	
4-Bromophenyl-phenylether	0.213	0.218		2.347	
Hexachlorobenzene	0.230	0.237		3.043	
Atrazine	0.129	0.139		7.752	
Pentachlorophenol	0.135	0.146		8.148	20.0
Phenanthrene	1.011	1.039		2.77	
Anthracene	0.985	1.013		2.843	
Carbazole	0.881	0.917		4.086	
Di-n-butylphthalate	0.764	0.882		15.445	
Fluoranthene	0.981	1.022		4.179	20.0
Benzidine	0.337	0.379		12.463	
Pyrene	1.879	2.070		10.165	
Terphenyl-d14	1.282	1.380		7.644	
Butylbenzylphthalate	0.318	0.396		24.528	
3,3-Dichlorobenzidine	0.309	0.336		8.738	
Benzo(a)anthracene	1.325	1.380		4.151	
Chrysene	1.195	1.252		4.77	
Bis(2-ethylhexyl)phthalate	0.349	0.432		23.782	
Di-n-octyl phthalate	0.752	0.831		10.505	20.0
Benzo(b)fluoranthene	1.170	1.183		1.111	
Benzo(k)fluoranthene	1.058	1.077		1.796	

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Instrument ID: BNA_F Calibration Date/Time: 8/26/2024 17:35

Lab File ID: BF139168.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDICCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	0.993	1.038		4.532	20.0
Indeno(1,2,3-cd)pyrene	1.368	1.413		3.289	
Dibenzo(a,h)anthracene	1.121	1.154		2.944	
Benzo(g,h,i)perylene	1.159	1.196		3.192	
1,2,4,5-Tetrachlorobenzene	0.593	0.618		4.216	
1,4-Dioxane	0.563	0.561		-0.355	20.0
2,3,4,6-Tetrachlorophenol	0.279	0.324		16.129	
1-Methylnaphthalene	0.627	0.647		3.19	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	ICVBF082724	SDG No.:	BF082724
Lab Sample ID:	SSTDICV040	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139172.D	1		8/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41600		1000	8000	10000	ug/L
110-86-1	Pyridine	40900		1600	4000	5000	ug/L
100-52-7	Benzaldehyde	41500		4000	8000	10000	ug/L
62-53-3	Aniline	41600		1600	4000	5000	ug/L
108-95-2	Phenol	42800		930	4000	5000	ug/L
111-44-4	bis(2-Chloroethyl)ether	40400		1200	4000	5000	ug/L
95-57-8	2-Chlorophenol	45200		710	4000	5000	ug/L
95-50-1	1,2-Dichlorobenzene	40400		880	4000	5000	ug/L
541-73-1	1,3-Dichlorobenzene	40600		800	4000	5000	ug/L
106-46-7	1,4-Dichlorobenzene	40300		840	4000	5000	ug/L
100-51-6	Benzyl Alcohol	43900		1600	8000	10000	ug/L
95-48-7	2-Methylphenol	41900		1100	4000	5000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	40100		1400	4000	5000	ug/L
98-86-2	Acetophenone	40600		1100	4000	5000	ug/L
65794-96-9	3+4-Methylphenols	42600		1200	8000	10000	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42400		1500	2500	2500	ug/L
67-72-1	Hexachloroethane	44200		1000	4000	5000	ug/L
98-95-3	Nitrobenzene	43800		1300	4000	5000	ug/L
78-59-1	Isophorone	41200		1100	4000	5000	ug/L
88-75-5	2-Nitrophenol	49900		2000	4000	5000	ug/L
105-67-9	2,4-Dimethylphenol	44400		1500	4000	5000	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41100		1000	4000	5000	ug/L
120-83-2	2,4-Dichlorophenol	46600		880	4000	5000	ug/L
120-82-1	1,2,4-Trichlorobenzene	40700		1100	4000	5000	ug/L
65-85-0	Benzoic acid	47500		5500	8000	10000	ug/L
91-20-3	Naphthalene	41100		1000	4000	5000	ug/L
106-47-8	4-Chloroaniline	41200		1300	4000	5000	ug/L
87-68-3	Hexachlorobutadiene	41000		1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	ICVBF082724			SDG No.:	BF082724		
Lab Sample ID:	SSTDICV040			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BF139172.D	1		8/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	45100		1700	8000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	44200		840	4000	5000	ug/L
91-57-6	2-Methylnaphthalene	40900		1100	4000	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	45300		5000	8000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	48300		890	4000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	47600		1000	4000	5000	ug/L
92-52-4	1,1-Biphenyl	41000		910	4000	5000	ug/L
91-58-7	2-Chloronaphthalene	40600		970	4000	5000	ug/L
88-74-4	2-Nitroaniline	46400		1400	4000	5000	ug/L
131-11-3	Dimethylphthalate	43600		930	4000	5000	ug/L
208-96-8	Acenaphthylene	41400		1000	4000	5000	ug/L
606-20-2	2,6-Dinitrotoluene	46900		1200	4000	5000	ug/L
99-09-2	3-Nitroaniline	46100		1400	4000	5000	ug/L
83-32-9	Acenaphthene	41500		810	4000	5000	ug/L
Total PAH	Total PAH	665300		17360	4000	80000	ug/L
51-28-5	2,4-Dinitrophenol	50600		6400	8000	10000	ug/L
100-02-7	4-Nitrophenol	45900		2000	8000	10000	ug/L
132-64-9	Dibenzofuran	41000		930	4000	5000	ug/L
121-14-2	2,4-Dinitrotoluene	46500		1500	4000	5000	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	43400		2700	4000	10000	ug/L
84-66-2	Diethylphthalate	43600		1000	4000	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	40700		980	4000	5000	ug/L
86-73-7	Fluorene	40700		960	4000	5000	ug/L
100-01-6	4-Nitroaniline	44800		2000	4000	5000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	50800		3100	8000	10000	ug/L
86-30-6	n-Nitrosodiphenylamine	41200		890	4000	5000	ug/L
103-33-3	Azobenzene	40900		1200	4000	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	41800		950	4000	5000	ug/L
118-74-1	Hexachlorobenzene	41500		1100	4000	5000	ug/L
1912-24-9	Atrazine	43400		1300	4000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	ICVBF082724			SDG No.:	BF082724		
Lab Sample ID:	SSTDICV040			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BF139172.D	1		8/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	47800		1900	8000	10000	ug/L
85-01-8	Phenanthrene	41000		890	4000	5000	ug/L
120-12-7	Anthracene	41200		1100	4000	5000	ug/L
86-74-8	Carbazole	41100		1200	4000	5000	ug/L
84-74-2	Di-n-butylphthalate	46900		1500	4000	5000	ug/L
206-44-0	Fluoranthene	40300		1300	4000	5000	ug/L
92-87-5	Benzidine	49000		4100	8000	10000	ug/L
129-00-0	Pyrene	43500		1100	4000	5000	ug/L
85-68-7	Butylbenzylphthalate	44600		2100	4000	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	47400		1300	8000	10000	ug/L
56-55-3	Benzo(a)anthracene	41600		940	4000	5000	ug/L
218-01-9	Chrysene	42500		860	4000	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44100		1900	4000	5000	ug/L
117-84-0	Di-n-octyl phthalate	42400		2500	8000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	40400		1100	4000	5000	ug/L
207-08-9	Benzo(k)fluoranthene	41600		1200	4000	5000	ug/L
50-32-8	Benzo(a)pyrene	42300		1700	4000	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42000		1000	4000	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	42300		1200	4000	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	41900		1200	4000	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41200		1100	4000	5000	ug/L
123-91-1	1,4-Dioxane	40100		1300	4000	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	47700		790	4000	5000	ug/L
90-12-0	1-Methylnaphthalene	40700		860	4000	5000	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	86455	*	10-139		57637	SPK: -150
13127-88-3	Phenol-d6	83387	*	10-134		55591	SPK: -150
4165-60-0	Nitrobenzene-d5	96888	*	49-133		96888	SPK: -100
321-60-8	2-Fluorobiphenyl	80528	*	52-132		80528	SPK: -100

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	ICVBF082724			SDG No.:	BF082724		
Lab Sample ID:	SSTDICV040			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BF139172.D	1		8/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	93010	*	44-137		62007	SPK: -150
1718-51-0	Terphenyl-d14	85758	*	48-125		85758	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118682	6.892				
1146-65-2	Naphthalene-d8	427062	8.175				
15067-26-2	Acenaphthene-d10	235078	9.927				
1517-22-2	Phenanthrene-d10	398437	11.416				
1719-03-5	Chrysene-d12	192006	14.051				
1520-96-3	Perylene-d12	215962	15.521				

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	PB162871TB	SDG No.:	BF082724
Lab Sample ID:	PB162871TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139173.D	1	8/22/2024 12:00:00 AM	8/26/2024 12:00:00 AM	PB162917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	PB162871TB	SDG No.:	BF082724
Lab Sample ID:	PB162871TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF139173.D	1	8/22/2024 12:00:00 AM	8/26/2024 12:00:00 AM	PB162917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	PB162871TB	SDG No.:	BF082724
Lab Sample ID:	PB162871TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139173.D	1	8/22/2024 12:00:00 AM	8/26/2024 12:00:00 AM	PB162917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.647		10-139		91	SPK: -150
13127-88-3	Phenol-d6	132.732		10-134		88	SPK: -150
4165-60-0	Nitrobenzene-d5	105.431		49-133		105	SPK: -100
321-60-8	2-Fluorobiphenyl	89.48		52-132		89	SPK: -100

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	PB162871TB	SDG No.:	BF082724
Lab Sample ID:	PB162871TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF139173.D	1	8/22/2024 12:00:00 AM	8/26/2024 12:00:00 AM	PB162917

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	153.412		44-137		102	SPK: -150
1718-51-0	Terphenyl-d14	90.121		48-125		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95574	6.893				
1146-65-2	Naphthalene-d8	358333	8.169				
15067-26-2	Acenaphthene-d10	207380	9.922				
1517-22-2	Phenanthrene-d10	374547	11.41				
1719-03-5	Chrysene-d12	233089	14.045				
1520-96-3	Perylene-d12	202769	15.515				

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	PB162936BL	SDG No.:	BF082724
Lab Sample ID:	PB162936BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139176.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.8	U	86.8	270	330	ug/Kg
110-86-1	Pyridine	79.9	U	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.9	U	96.9	130	170	ug/Kg
108-95-2	Phenol	82.9	U	82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.7	U	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.5	U	83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.6	U	84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	86	U	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.5	U	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	83	U	83	270	330	ug/Kg
95-48-7	2-Methylphenol	80.6	U	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.9	U	90.9	130	170	ug/Kg
98-86-2	Acetophenone	86.9	U	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.8	U	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	83	U	83	130	170	ug/Kg
98-95-3	Nitrobenzene	90.8	U	90.8	130	170	ug/Kg
78-59-1	Isophorone	84.6	U	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.5	U	94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.2	U	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.8	U	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.5	U	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.4	U	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.6	U	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.6	U	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.3	U	83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	PB162936BL	SDG No.:	BF082724
Lab Sample ID:	PB162936BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	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
BF139176.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.8	U	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.4	U	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	130	170	ug/Kg
Total PAH	Total PAH	1325.1	U	1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.4	U	84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	PB162936BL	SDG No.:	BF082724
Lab Sample ID:	PB162936BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	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
BF139176.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	126.647		18-112		84	SPK: -150
13127-88-3	Phenol-d6	120.667		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	93.371		18-107		93	SPK: -100
321-60-8	2-Fluorobiphenyl	77.087		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	PB162936BL	SDG No.:	BF082724
Lab Sample ID:	PB162936BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	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
BF139176.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.991		10-116		89	SPK: -150
1718-51-0	Terphenyl-d14	78.222		10-105		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122667	6.892				
1146-65-2	Naphthalene-d8	469284	8.175				
15067-26-2	Acenaphthene-d10	273305	9.922				
1517-22-2	Phenanthrene-d10	483545	11.41				
1719-03-5	Chrysene-d12	311222	14.045				
1520-96-3	Perylene-d12	246953	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J			2.263	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.134	
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	69	J			17.145	

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	PB162936BS	SDG No.:	BF082724
Lab Sample ID:	PB162936BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139177.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.7	270	330	ug/Kg
110-86-1	Pyridine	1100		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	490		180	270	330	ug/Kg
62-53-3	Aniline	890		96.8	130	170	ug/Kg
108-95-2	Phenol	1600		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	720		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	PB162936BS	SDG No.:	BF082724
Lab Sample ID:	PB162936BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	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
BF139177.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3700	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81	130	170	ug/Kg
Total PAH	Total PAH	24700		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2900	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.5	130	170	ug/Kg
86-73-7	Fluorene	1400		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1500		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1700		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	PB162936BS	SDG No.:	BF082724
Lab Sample ID:	PB162936BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139177.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3100	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1500		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.6	130	170	ug/Kg
92-87-5	Benzidine	200	J	160	270	330	ug/Kg
129-00-0	Pyrene	1500		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1000		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	125.452		18-112		84	SPK: -150
13127-88-3	Phenol-d6	119.103		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	94.764		18-107		95	SPK: -100
321-60-8	2-Fluorobiphenyl	77.608		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	PB162936BS	SDG No.:	BF082724
Lab Sample ID:	PB162936BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	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
BF139177.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	141.299		10-116		94	SPK: -150
1718-51-0	Terphenyl-d14	88.447		10-105		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130760	6.892				
1146-65-2	Naphthalene-d8	483816	8.175				
15067-26-2	Acenaphthene-d10	277149	9.933				
1517-22-2	Phenanthrene-d10	477644	11.416				
1719-03-5	Chrysene-d12	249114	14.057				
1520-96-3	Perylene-d12	229045	15.527				



Client:				Date Collected:	7/31/2024 12:00:00 AM	
Project:				Date Received:	7/31/2024 12:00:00 AM	
Client Sample ID:	PB162379BL			SDG No.:	BF082724	
Lab Sample ID:	PB162379BL			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	0	
Sample Wt/Vol:	30.01	Units:	g	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
BF139178.D	1	7/31/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.8	U	86.8	270	330	ug/Kg
110-86-1	Pyridine	79.9	U	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.9	U	96.9	130	170	ug/Kg
108-95-2	Phenol	82.9	U	82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.7	U	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.5	U	83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.6	U	84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	86	U	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.5	U	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	83	U	83	270	330	ug/Kg
95-48-7	2-Methylphenol	80.6	U	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.9	U	90.9	130	170	ug/Kg
98-86-2	Acetophenone	86.9	U	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.8	U	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	83	U	83	130	170	ug/Kg
98-95-3	Nitrobenzene	90.8	U	90.8	130	170	ug/Kg
78-59-1	Isophorone	84.6	U	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.5	U	94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.2	U	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.8	U	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.5	U	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.4	U	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.6	U	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.6	U	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.3	U	83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162379BL	SDG No.:	BF082724
Lab Sample ID:	PB162379BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	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
BF139178.D	1	7/31/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.8	U	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.4	U	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	130	170	ug/Kg
Total PAH	Total PAH	1325.1	U	1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.4	U	84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162379BL	SDG No.:	BF082724
Lab Sample ID:	PB162379BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	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
BF139178.D	1	7/31/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	125.649		18-112		84	SPK: -150
13127-88-3	Phenol-d6	119.119		15-107		79	SPK: -150
4165-60-0	Nitrobenzene-d5	95.411		18-107		95	SPK: -100
321-60-8	2-Fluorobiphenyl	77.619		20-109		78	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162379BL	SDG No.:	BF082724
Lab Sample ID:	PB162379BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	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
BF139178.D	1	7/31/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.499		10-116		90	SPK: -150
1718-51-0	Terphenyl-d14	81.683		10-105		82	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122728	6.893				
1146-65-2	Naphthalene-d8	466611	8.175				
15067-26-2	Acenaphthene-d10	272963	9.922				
1517-22-2	Phenanthrene-d10	479845	11.41				
1719-03-5	Chrysene-d12	293423	14.045				
1520-96-3	Perylene-d12	244119	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	98.6	J			2.258	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	A			5.134	

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162379BS	SDG No.:	BF082724
Lab Sample ID:	PB162379BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139179.D	1	7/31/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		86.7	270	330	ug/Kg
110-86-1	Pyridine	1100		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	500		180	270	330	ug/Kg
62-53-3	Aniline	880		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1700		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1400		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1400		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1400		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1600		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1300		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1400		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1500		240	270	330	ug/Kg
91-20-3	Naphthalene	1400		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	720		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1400		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162379BS	SDG No.:	BF082724
Lab Sample ID:	PB162379BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	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
BF139179.D	1	7/31/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1400		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3600	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1300		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1300		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1500		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1600		81	130	170	ug/Kg
Total PAH	Total PAH	24700		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2900	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1400		84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3300		169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	1600		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		85.5	130	170	ug/Kg
86-73-7	Fluorene	1400		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1500		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1400		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1700		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162379BS	SDG No.:	BF082724
Lab Sample ID:	PB162379BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	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
BF139179.D	1	7/31/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3000	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1500		83.9	130	170	ug/Kg
120-12-7	Anthracene	1500		84.3	130	170	ug/Kg
86-74-8	Carbazole	1500		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1500		81.6	130	170	ug/Kg
92-87-5	Benzidine	220	J	160	270	330	ug/Kg
129-00-0	Pyrene	1400		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1800		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1800		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1000		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	125.037		18-112		83	SPK: -150
13127-88-3	Phenol-d6	119.374		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	95.134		18-107		95	SPK: -100
321-60-8	2-Fluorobiphenyl	76.936		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	7/31/2024 12:00:00 AM
Project:		Date Received:	7/31/2024 12:00:00 AM
Client Sample ID:	PB162379BS	SDG No.:	BF082724
Lab Sample ID:	PB162379BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	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
BF139179.D	1	7/31/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162379

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	140.22		10-116		93	SPK: -150
1718-51-0	Terphenyl-d14	86.796		10-105		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129929	6.893				
1146-65-2	Naphthalene-d8	483026	8.175				
15067-26-2	Acenaphthene-d10	278261	9.928				
1517-22-2	Phenanthrene-d10	487493	11.416				
1719-03-5	Chrysene-d12	261728	14.051				
1520-96-3	Perylene-d12	237760	15.521				

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF082724
Lab Sample ID:	P3717-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.3
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139180.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.4	U	54.4	170	210	ug/Kg
110-86-1	Pyridine	50.1	U	50.1	81.5	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	210	ug/Kg
62-53-3	Aniline	60.7	U	60.7	81.5	110	ug/Kg
108-95-2	Phenol	52	U	52	81.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	52.5	U	52.5	81.5	110	ug/Kg
95-57-8	2-Chlorophenol	52.3	U	52.3	81.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53	U	53	81.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	53.9	U	53.9	81.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.2	U	54.2	81.5	110	ug/Kg
100-51-6	Benzyl Alcohol	52	U	52	170	210	ug/Kg
95-48-7	2-Methylphenol	50.5	U	50.5	81.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57	U	57	81.5	110	ug/Kg
98-86-2	Acetophenone	54.5	U	54.5	81.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	50	U	50	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.3	U	25.3	50.1	50.1	ug/Kg
67-72-1	Hexachloroethane	52	U	52	81.5	110	ug/Kg
98-95-3	Nitrobenzene	56.9	U	56.9	81.5	110	ug/Kg
78-59-1	Isophorone	53	U	53	81.5	110	ug/Kg
88-75-5	2-Nitrophenol	59.2	U	59.2	81.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	58.4	U	58.4	81.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	53.8	U	53.8	81.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.3	U	47.3	81.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.5	U	53.5	81.5	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	51.8	U	51.8	81.5	110	ug/Kg
106-47-8	4-Chloroaniline	51.8	U	51.8	81.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.2	U	52.2	81.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF082724
Lab Sample ID:	P3717-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.3
Sample Wt/Vol:	50.02 Units: g	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
BF139180.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	54.4	U	54.4	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48.6	U	48.6	81.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	51.7	U	51.7	81.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97.8	U	97.8	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.7	U	44.7	81.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.4	U	46.4	81.5	110	ug/Kg
92-52-4	1,1-Biphenyl	54.8	U	54.8	81.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.2	U	52.2	81.5	110	ug/Kg
88-74-4	2-Nitroaniline	59.5	U	59.5	81.5	110	ug/Kg
131-11-3	Dimethylphthalate	51.2	U	51.2	81.5	110	ug/Kg
208-96-8	Acenaphthylene	54.2	U	54.2	81.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.1	U	52.1	81.5	110	ug/Kg
99-09-2	3-Nitroaniline	55.9	U	55.9	81.5	110	ug/Kg
83-32-9	Acenaphthene	50.8	U	50.8	81.5	110	ug/Kg
Total PAH	Total PAH	830.4	U	830.4	81.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	72.7	U	72.7	170	210	ug/Kg
132-64-9	Dibenzofuran	52.9	U	52.9	81.5	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	81.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	106.1	U	106.1	81.5	220	ug/Kg
84-66-2	Diethylphthalate	50.2	U	50.2	81.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53.6	U	53.6	81.5	110	ug/Kg
86-73-7	Fluorene	53.6	U	53.6	81.5	110	ug/Kg
100-01-6	4-Nitroaniline	67.1	U	67.1	81.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73.3	U	73.3	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.1	U	51.1	81.5	110	ug/Kg
103-33-3	Azobenzene	49.9	U	49.9	81.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.4	U	49.4	81.5	110	ug/Kg
118-74-1	Hexachlorobenzene	53.3	U	53.3	81.5	110	ug/Kg
1912-24-9	Atrazine	57.3	U	57.3	81.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF082724
Lab Sample ID:	P3717-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.3
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139180.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.4	U	48.4	170	210	ug/Kg
85-01-8	Phenanthrene	52.6	U	52.6	81.5	110	ug/Kg
120-12-7	Anthracene	52.9	U	52.9	81.5	110	ug/Kg
86-74-8	Carbazole	50.3	U	50.3	81.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	52.8	U	52.8	81.5	110	ug/Kg
206-44-0	Fluoranthene	51.2	U	51.2	81.5	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	52	U	52	81.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	60.7	U	60.7	81.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61.8	U	61.8	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	50.6	U	50.6	81.5	110	ug/Kg
218-01-9	Chrysene	49.8	U	49.8	81.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57	U	57	81.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	68.9	U	68.9	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	50.8	U	50.8	81.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	51.8	U	51.8	81.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	58.3	U	58.3	81.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48.9	U	48.9	81.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50.9	U	50.9	81.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.2	U	50.2	81.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54.4	U	54.4	81.5	110	ug/Kg
123-91-1	1,4-Dioxane	68.9	U	68.9	81.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46.8	U	46.8	81.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.1	U	52.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.248		18-112		62	SPK: -150
13127-88-3	Phenol-d6	90.82		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	73.961		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	65.614		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF082724
Lab Sample ID:	P3717-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.3
Sample Wt/Vol:	50.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139180.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.893		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	60.817		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79113	6.892				
1146-65-2	Naphthalene-d8	288954	8.169				
15067-26-2	Acenaphthene-d10	160976	9.922				
1517-22-2	Phenanthrene-d10	265358	11.41				
1719-03-5	Chrysene-d12	158556	14.045				
1520-96-3	Perylene-d12	185583	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.187	
	unknown3.387	65	J			3.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	95.7	A			5.104	
000770-35-4	1-Phenoxypropan-2-ol	63.7	J			8.481	
000057-10-3	n-Hexadecanoic acid	160	J			11.933	
000057-11-4	Octadecanoic acid	77.3	J			12.722	
1000406-04-8	Pentadecafluorooctanoic acid, octa	110	J			13.898	
007225-64-1	Heptadecane, 9-octyl-	42.6	J			16.009	

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF082724
Lab Sample ID:	P3717-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139181.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.3	U	54.3	170	210	ug/Kg
110-86-1	Pyridine	50	U	50	81.3	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	210	ug/Kg
62-53-3	Aniline	60.6	U	60.6	81.3	110	ug/Kg
108-95-2	Phenol	51.9	U	51.9	81.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	52.4	U	52.4	81.3	110	ug/Kg
95-57-8	2-Chlorophenol	52.2	U	52.2	81.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.9	U	52.9	81.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	53.8	U	53.8	81.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.1	U	54.1	81.3	110	ug/Kg
100-51-6	Benzyl Alcohol	51.9	U	51.9	170	210	ug/Kg
95-48-7	2-Methylphenol	50.4	U	50.4	81.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56.9	U	56.9	81.3	110	ug/Kg
98-86-2	Acetophenone	54.4	U	54.4	81.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	49.9	U	49.9	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.2	U	25.2	50	50	ug/Kg
67-72-1	Hexachloroethane	51.9	U	51.9	81.3	110	ug/Kg
98-95-3	Nitrobenzene	56.8	U	56.8	81.3	110	ug/Kg
78-59-1	Isophorone	52.9	U	52.9	81.3	110	ug/Kg
88-75-5	2-Nitrophenol	59.1	U	59.1	81.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	58.3	U	58.3	81.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	53.7	U	53.7	81.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.2	U	47.2	81.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.4	U	53.4	81.3	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	51.7	U	51.7	81.3	110	ug/Kg
106-47-8	4-Chloroaniline	51.7	U	51.7	81.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.1	U	52.1	81.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF082724
Lab Sample ID:	P3717-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139181.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	54.3	U	54.3	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48.5	U	48.5	81.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	51.6	U	51.6	81.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97.6	U	97.6	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.7	U	44.7	81.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.3	U	46.3	81.3	110	ug/Kg
92-52-4	1,1-Biphenyl	54.7	U	54.7	81.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.1	U	52.1	81.3	110	ug/Kg
88-74-4	2-Nitroaniline	59.4	U	59.4	81.3	110	ug/Kg
131-11-3	Dimethylphthalate	51.1	U	51.1	81.3	110	ug/Kg
208-96-8	Acenaphthylene	54.1	U	54.1	81.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	81.3	110	ug/Kg
99-09-2	3-Nitroaniline	55.8	U	55.8	81.3	110	ug/Kg
83-32-9	Acenaphthene	50.7	U	50.7	81.3	110	ug/Kg
Total PAH	Total PAH	828.9	U	828.9	81.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	72.6	U	72.6	170	210	ug/Kg
132-64-9	Dibenzofuran	52.8	U	52.8	81.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	105.9	U	105.9	81.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.9	U	53.9	81.3	110	ug/Kg
84-66-2	Diethylphthalate	50.1	U	50.1	81.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53.5	U	53.5	81.3	110	ug/Kg
86-73-7	Fluorene	53.5	U	53.5	81.3	110	ug/Kg
100-01-6	4-Nitroaniline	66.9	U	66.9	81.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73.2	U	73.2	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51	U	51	81.3	110	ug/Kg
103-33-3	Azobenzene	49.8	U	49.8	81.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.4	U	49.4	81.3	110	ug/Kg
118-74-1	Hexachlorobenzene	53.2	U	53.2	81.3	110	ug/Kg
1912-24-9	Atrazine	57.2	U	57.2	81.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF082724
Lab Sample ID:	P3717-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139181.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.4	U	48.4	170	210	ug/Kg
85-01-8	Phenanthrene	52.5	U	52.5	81.3	110	ug/Kg
120-12-7	Anthracene	52.8	U	52.8	81.3	110	ug/Kg
86-74-8	Carbazole	50.2	U	50.2	81.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	52.7	U	52.7	81.3	110	ug/Kg
206-44-0	Fluoranthene	51.1	U	51.1	81.3	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	51.9	U	51.9	81.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	60.6	U	60.6	81.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61.7	U	61.7	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	50.5	U	50.5	81.3	110	ug/Kg
218-01-9	Chrysene	49.7	U	49.7	81.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56.9	U	56.9	81.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	68.8	U	68.8	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	50.7	U	50.7	81.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	51.7	U	51.7	81.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	58.2	U	58.2	81.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48.9	U	48.9	81.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50.8	U	50.8	81.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.1	U	50.1	81.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54.3	U	54.3	81.3	110	ug/Kg
123-91-1	1,4-Dioxane	68.8	U	68.8	81.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46.7	U	46.7	81.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	70.818		18-112		47	SPK: -150
13127-88-3	Phenol-d6	69.253		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	53.806		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	48.869		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-5	SDG No.:	BF082724
Lab Sample ID:	P3717-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.2
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139181.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	73.493		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	52.239		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84114	6.892				
1146-65-2	Naphthalene-d8	310880	8.169				
15067-26-2	Acenaphthene-d10	172931	9.922				
1517-22-2	Phenanthrene-d10	286738	11.41				
1719-03-5	Chrysene-d12	153057	14.045				
1520-96-3	Perylene-d12	174253	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.181	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	73.2	A			5.098	
1000309-70-7	Oxalic acid, cyclobutyl heptadecyl	43.4	J			13.898	

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF082724
Lab Sample ID:	P3717-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139182.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.3	U	54.3	170	210	ug/Kg
110-86-1	Pyridine	50	U	50	81.3	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	210	ug/Kg
62-53-3	Aniline	60.6	U	60.6	81.3	110	ug/Kg
108-95-2	Phenol	51.8	U	51.8	81.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	52.3	U	52.3	81.3	110	ug/Kg
95-57-8	2-Chlorophenol	52.2	U	52.2	81.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.9	U	52.9	81.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	53.8	U	53.8	81.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.1	U	54.1	81.3	110	ug/Kg
100-51-6	Benzyl Alcohol	51.9	U	51.9	170	210	ug/Kg
95-48-7	2-Methylphenol	50.4	U	50.4	81.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56.8	U	56.8	81.3	110	ug/Kg
98-86-2	Acetophenone	54.3	U	54.3	81.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	49.9	U	49.9	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.2	U	25.2	50	50	ug/Kg
67-72-1	Hexachloroethane	51.9	U	51.9	81.3	110	ug/Kg
98-95-3	Nitrobenzene	56.8	U	56.8	81.3	110	ug/Kg
78-59-1	Isophorone	52.9	U	52.9	81.3	110	ug/Kg
88-75-5	2-Nitrophenol	59.1	U	59.1	81.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	58.3	U	58.3	81.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	53.6	U	53.6	81.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.2	U	47.2	81.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.4	U	53.4	81.3	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	51.6	U	51.6	81.3	110	ug/Kg
106-47-8	4-Chloroaniline	51.6	U	51.6	81.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.1	U	52.1	81.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF082724
Lab Sample ID:	P3717-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139182.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	54.3	U	54.3	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48.5	U	48.5	81.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	51.6	U	51.6	81.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97.5	U	97.5	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.6	U	44.6	81.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.3	U	46.3	81.3	110	ug/Kg
92-52-4	1,1-Biphenyl	54.6	U	54.6	81.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.1	U	52.1	81.3	110	ug/Kg
88-74-4	2-Nitroaniline	59.4	U	59.4	81.3	110	ug/Kg
131-11-3	Dimethylphthalate	51.1	U	51.1	81.3	110	ug/Kg
208-96-8	Acenaphthylene	54.1	U	54.1	81.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	52	81.3	110	ug/Kg
99-09-2	3-Nitroaniline	55.8	U	55.8	81.3	110	ug/Kg
83-32-9	Acenaphthene	50.7	U	50.7	81.3	110	ug/Kg
Total PAH	Total PAH	828.6	U	828.6	81.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	72.5	U	72.5	170	210	ug/Kg
132-64-9	Dibenzofuran	52.8	U	52.8	81.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	105.9	U	105.9	81.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.9	U	53.9	81.3	110	ug/Kg
84-66-2	Diethylphthalate	50.1	U	50.1	81.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53.5	U	53.5	81.3	110	ug/Kg
86-73-7	Fluorene	53.5	U	53.5	81.3	110	ug/Kg
100-01-6	4-Nitroaniline	66.9	U	66.9	81.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73.2	U	73.2	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51	U	51	81.3	110	ug/Kg
103-33-3	Azobenzene	49.8	U	49.8	81.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.3	U	49.3	81.3	110	ug/Kg
118-74-1	Hexachlorobenzene	53.1	U	53.1	81.3	110	ug/Kg
1912-24-9	Atrazine	57.2	U	57.2	81.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF082724
Lab Sample ID:	P3717-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139182.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.3	U	48.3	170	210	ug/Kg
85-01-8	Phenanthrene	52.5	U	52.5	81.3	110	ug/Kg
120-12-7	Anthracene	52.8	U	52.8	81.3	110	ug/Kg
86-74-8	Carbazole	50.2	U	50.2	81.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	52.7	U	52.7	81.3	110	ug/Kg
206-44-0	Fluoranthene	51.1	U	51.1	81.3	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	51.9	U	51.9	81.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	60.5	U	60.5	81.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61.7	U	61.7	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	50.5	U	50.5	81.3	110	ug/Kg
218-01-9	Chrysene	49.7	U	49.7	81.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56.9	U	56.9	81.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	68.8	U	68.8	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	50.7	U	50.7	81.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	51.6	U	51.6	81.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	58.2	U	58.2	81.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48.8	U	48.8	81.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50.8	U	50.8	81.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.1	U	50.1	81.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54.3	U	54.3	81.3	110	ug/Kg
123-91-1	1,4-Dioxane	68.8	U	68.8	81.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46.7	U	46.7	81.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	85.539		18-112		57	SPK: -150
13127-88-3	Phenol-d6	83.635		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	63.494		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	57.958		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BF082724
Lab Sample ID:	P3717-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139182.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.913		10-116		61	SPK: -150
1718-51-0	Terphenyl-d14	55.09		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74805	6.892				
1146-65-2	Naphthalene-d8	274148	8.169				
15067-26-2	Acenaphthene-d10	150955	9.922				
1517-22-2	Phenanthrene-d10	248569	11.41				
1719-03-5	Chrysene-d12	150281	14.045				
1520-96-3	Perylene-d12	165328	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.175	
004254-15-3	(S)-(+)-1,2-Propanediol	47.1	J			3.375	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	85.7	A			5.098	
000770-35-4	1-Phenoxypropan-2-ol	58.6	J			8.481	
110823-68-2	Cyclohexane, 1-ethenyl-1-methyl-2,	56.7	J			9.363	
000087-44-5	Caryophyllene	77.1	J			9.581	
030021-74-0	.gamma.-Muurolene	160	J			9.839	
017066-67-0	Naphthalene, decahydro-4a-methyl-1	250	J			9.98	
016729-01-4	1-Isopropyl-4,7-dimethyl-1,2,3,5,6	84.4	J			10.045	
	unknown10.598	73.6	J			10.598	
005945-72-2	Neointermedeol	130	J			10.792	
000629-59-4	Tetradecane	44.2	J			10.828	
000057-10-3	n-Hexadecanoic acid	180	J			11.933	
000506-17-2	cis-Vaccenic acid	59	J			12.639	
000057-11-4	Octadecanoic acid	61.5	J			12.722	
1000406-04-8	Pentadecafluorooctanoic acid, octa	76.3	J			13.898	

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF082724
Lab Sample ID:	P3717-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.6
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139183.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	53.5	U	53.5	170	200	ug/Kg
110-86-1	Pyridine	49.2	U	49.2	80.1	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	200	ug/Kg
62-53-3	Aniline	59.7	U	59.7	80.1	100	ug/Kg
108-95-2	Phenol	51.1	U	51.1	80.1	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	51.6	U	51.6	80.1	100	ug/Kg
95-57-8	2-Chlorophenol	51.4	U	51.4	80.1	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.1	U	52.1	80.1	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	53	U	53	80.1	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	53.3	U	53.3	80.1	100	ug/Kg
100-51-6	Benzyl Alcohol	51.1	U	51.1	170	200	ug/Kg
95-48-7	2-Methylphenol	49.6	U	49.6	80.1	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56	U	56	80.1	100	ug/Kg
98-86-2	Acetophenone	53.5	U	53.5	80.1	100	ug/Kg
65794-96-9	3+4-Methylphenols	49.1	U	49.1	170	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.8	U	24.8	49.3	49.3	ug/Kg
67-72-1	Hexachloroethane	51.1	U	51.1	80.1	100	ug/Kg
98-95-3	Nitrobenzene	55.9	U	55.9	80.1	100	ug/Kg
78-59-1	Isophorone	52.1	U	52.1	80.1	100	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	80.1	100	ug/Kg
105-67-9	2,4-Dimethylphenol	57.4	U	57.4	80.1	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	52.8	U	52.8	80.1	100	ug/Kg
120-83-2	2,4-Dichlorophenol	46.5	U	46.5	80.1	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52.6	U	52.6	80.1	100	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	200	ug/Kg
91-20-3	Naphthalene	50.9	U	50.9	80.1	100	ug/Kg
106-47-8	4-Chloroaniline	50.9	U	50.9	80.1	100	ug/Kg
87-68-3	Hexachlorobutadiene	51.3	U	51.3	80.1	100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF082724
Lab Sample ID:	P3717-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.6
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139183.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	53.5	U	53.5	170	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47.7	U	47.7	80.1	100	ug/Kg
91-57-6	2-Methylnaphthalene	50.8	U	50.8	80.1	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96.1	U	96.1	170	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44	U	44	80.1	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45.6	U	45.6	80.1	100	ug/Kg
92-52-4	1,1-Biphenyl	53.8	U	53.8	80.1	100	ug/Kg
91-58-7	2-Chloronaphthalene	51.3	U	51.3	80.1	100	ug/Kg
88-74-4	2-Nitroaniline	58.5	U	58.5	80.1	100	ug/Kg
131-11-3	Dimethylphthalate	50.3	U	50.3	80.1	100	ug/Kg
208-96-8	Acenaphthylene	53.3	U	53.3	80.1	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	51.2	U	51.2	80.1	100	ug/Kg
99-09-2	3-Nitroaniline	54.9	U	54.9	80.1	100	ug/Kg
83-32-9	Acenaphthene	49.9	U	49.9	80.1	100	ug/Kg
Total PAH	Total PAH	816.1	U	816.1	80.1	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	200	ug/Kg
100-02-7	4-Nitrophenol	71.4	U	71.4	170	200	ug/Kg
132-64-9	Dibenzofuran	52	U	52	80.1	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.1	U	53.1	80.1	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	104.3	U	104.3	80.1	200	ug/Kg
84-66-2	Diethylphthalate	49.3	U	49.3	80.1	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52.7	U	52.7	80.1	100	ug/Kg
86-73-7	Fluorene	52.7	U	52.7	80.1	100	ug/Kg
100-01-6	4-Nitroaniline	65.9	U	65.9	80.1	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	72.1	U	72.1	170	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	50.3	U	50.3	80.1	100	ug/Kg
103-33-3	Azobenzene	49	U	49	80.1	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48.6	U	48.6	80.1	100	ug/Kg
118-74-1	Hexachlorobenzene	52.4	U	52.4	80.1	100	ug/Kg
1912-24-9	Atrazine	56.3	U	56.3	80.1	100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF082724
Lab Sample ID:	P3717-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.6
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139183.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	47.6	U	47.6	170	200	ug/Kg
85-01-8	Phenanthrene	51.7	U	51.7	80.1	100	ug/Kg
120-12-7	Anthracene	52	U	52	80.1	100	ug/Kg
86-74-8	Carbazole	49.5	U	49.5	80.1	100	ug/Kg
84-74-2	Di-n-butylphthalate	51.9	U	51.9	80.1	100	ug/Kg
206-44-0	Fluoranthene	50.3	U	50.3	80.1	100	ug/Kg
92-87-5	Benzidine	100	U	100	170	200	ug/Kg
129-00-0	Pyrene	51.1	U	51.1	80.1	100	ug/Kg
85-68-7	Butylbenzylphthalate	59.6	U	59.6	80.1	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60.7	U	60.7	170	200	ug/Kg
56-55-3	Benzo(a)anthracene	49.7	U	49.7	80.1	100	ug/Kg
218-01-9	Chrysene	49	U	49	80.1	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	80.1	100	ug/Kg
117-84-0	Di-n-octyl phthalate	67.7	U	67.7	170	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	49.9	U	49.9	80.1	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	50.9	U	50.9	80.1	100	ug/Kg
50-32-8	Benzo(a)pyrene	57.3	U	57.3	80.1	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48.1	U	48.1	80.1	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50	U	50	80.1	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49.3	U	49.3	80.1	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53.5	U	53.5	80.1	100	ug/Kg
123-91-1	1,4-Dioxane	67.7	U	67.7	80.1	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	80.1	100	ug/Kg
90-12-0	1-Methylnaphthalene	51.2	U	51.2	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	81.478		18-112		54	SPK: -150
13127-88-3	Phenol-d6	79.266		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	60.481		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	54.07		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BF082724
Lab Sample ID:	P3717-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	2.6
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139183.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.854		10-116		56	SPK: -150
1718-51-0	Terphenyl-d14	46.263		10-105		46	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74969	6.892				
1146-65-2	Naphthalene-d8	275847	8.175				
15067-26-2	Acenaphthene-d10	156467	9.922				
1517-22-2	Phenanthrene-d10	250159	11.41				
1719-03-5	Chrysene-d12	171559	14.045				
1520-96-3	Perylene-d12	149859	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.169	
004254-15-3	(S)-(+)-1,2-Propanediol	42.7	J			3.369	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	80.1	A			5.098	
000770-35-4	1-Phenoxypropan-2-ol	43.3	J			8.48	
000057-10-3	n-Hexadecanoic acid	190	J			11.939	
000057-11-4	Octadecanoic acid	86	J			12.721	
1000406-04-8	Pentadecafluorooctanoic acid, octa	80.5	J			13.898	

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-6	SDG No.:	BF082724
Lab Sample ID:	P3717-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139184.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.3	U	56.3	180	210	ug/Kg
110-86-1	Pyridine	51.8	U	51.8	84.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	210	ug/Kg
62-53-3	Aniline	62.9	U	62.9	84.3	110	ug/Kg
108-95-2	Phenol	53.8	U	53.8	84.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.3	U	54.3	84.3	110	ug/Kg
95-57-8	2-Chlorophenol	54.2	U	54.2	84.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.9	U	54.9	84.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.8	U	55.8	84.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.1	U	56.1	84.3	110	ug/Kg
100-51-6	Benzyl Alcohol	53.9	U	53.9	180	210	ug/Kg
95-48-7	2-Methylphenol	52.3	U	52.3	84.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59	U	59	84.3	110	ug/Kg
98-86-2	Acetophenone	56.4	U	56.4	84.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	51.8	U	51.8	180	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.1	U	26.1	51.9	51.9	ug/Kg
67-72-1	Hexachloroethane	53.9	U	53.9	84.3	110	ug/Kg
98-95-3	Nitrobenzene	58.9	U	58.9	84.3	110	ug/Kg
78-59-1	Isophorone	54.9	U	54.9	84.3	110	ug/Kg
88-75-5	2-Nitrophenol	61.3	U	61.3	84.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.5	U	60.5	84.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.7	U	55.7	84.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	84.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.4	U	55.4	84.3	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	210	ug/Kg
91-20-3	Naphthalene	53.6	U	53.6	84.3	110	ug/Kg
106-47-8	4-Chloroaniline	53.6	U	53.6	84.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	84.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-6	SDG No.:	BF082724
Lab Sample ID:	P3717-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139184.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.3	U	56.3	180	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.3	U	50.3	84.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.5	U	53.5	84.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.3	U	46.3	84.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	84.3	110	ug/Kg
92-52-4	1,1-Biphenyl	56.7	U	56.7	84.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	84.3	110	ug/Kg
88-74-4	2-Nitroaniline	61.6	U	61.6	84.3	110	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	84.3	110	ug/Kg
208-96-8	Acenaphthylene	56.1	U	56.1	84.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54	U	54	84.3	110	ug/Kg
99-09-2	3-Nitroaniline	57.9	U	57.9	84.3	110	ug/Kg
83-32-9	Acenaphthene	52.6	U	52.6	84.3	110	ug/Kg
Total PAH	Total PAH	859.9	U	859.9	84.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	210	ug/Kg
100-02-7	4-Nitrophenol	75.3	U	75.3	180	210	ug/Kg
132-64-9	Dibenzofuran	54.8	U	54.8	84.3	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	55.9	U	55.9	84.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	109.9	U	109.9	84.3	220	ug/Kg
84-66-2	Diethylphthalate	52	U	52	84.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.5	U	55.5	84.3	110	ug/Kg
86-73-7	Fluorene	55.5	U	55.5	84.3	110	ug/Kg
100-01-6	4-Nitroaniline	69.4	U	69.4	84.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	75.9	U	75.9	180	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	52.9	U	52.9	84.3	110	ug/Kg
103-33-3	Azobenzene	51.6	U	51.6	84.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.2	U	51.2	84.3	110	ug/Kg
118-74-1	Hexachlorobenzene	55.2	U	55.2	84.3	110	ug/Kg
1912-24-9	Atrazine	59.3	U	59.3	84.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-6	SDG No.:	BF082724
Lab Sample ID:	P3717-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139184.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.2	U	50.2	180	210	ug/Kg
85-01-8	Phenanthrene	54.5	U	54.5	84.3	110	ug/Kg
120-12-7	Anthracene	54.8	U	54.8	84.3	110	ug/Kg
86-74-8	Carbazole	52.1	U	52.1	84.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.7	U	54.7	84.3	110	ug/Kg
206-44-0	Fluoranthene	53	U	53	84.3	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	210	ug/Kg
129-00-0	Pyrene	53.9	U	53.9	84.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	62.8	U	62.8	84.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	180	210	ug/Kg
56-55-3	Benzo(a)anthracene	52.4	U	52.4	84.3	110	ug/Kg
218-01-9	Chrysene	51.6	U	51.6	84.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59	U	59	84.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.4	U	71.4	180	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	52.6	U	52.6	84.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	53.6	U	53.6	84.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	60.3	U	60.3	84.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.7	U	50.7	84.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.7	U	52.7	84.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	52	U	52	84.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.3	U	56.3	84.3	110	ug/Kg
123-91-1	1,4-Dioxane	71.4	U	71.4	84.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.5	U	48.5	84.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	54	U	54	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	64.022		18-112		43	SPK: -150
13127-88-3	Phenol-d6	61.41		15-107		41	SPK: -150
4165-60-0	Nitrobenzene-d5	48.005		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	43.956		20-109		44	SPK: -100

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-6	SDG No.:	BF082724
Lab Sample ID:	P3717-11	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139184.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	62.791		10-116		42	SPK: -150
1718-51-0	Terphenyl-d14	35.391		10-105		35	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79600	6.893				
1146-65-2	Naphthalene-d8	291308	8.175				
15067-26-2	Acenaphthene-d10	161800	9.922				
1517-22-2	Phenanthrene-d10	248592	11.41				
1719-03-5	Chrysene-d12	170529	14.045				
1520-96-3	Perylene-d12	151608	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1000	J			2.169	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	69.2	A			5.099	
103827-22-1	4a,8-Dimethyl-2-(prop-1-en-2-yl)-1	52.6	J			9.839	
018431-82-8	Spiro[5.5]undec-2-ene, 3,7,7-trime	82	J			9.981	
000057-10-3	n-Hexadecanoic acid	100	J			11.934	
1000406-04-8	Pentadecafluorooctanoic acid, octa	71.4	J			13.904	
	unknown17.627	60.6	J			17.627	
	unknown18.192	51.3	J			18.192	

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BF082724
Lab Sample ID:	P3717-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139185.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	53.7	U	53.7	170	200	ug/Kg
110-86-1	Pyridine	49.4	U	49.4	80.4	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	200	ug/Kg
62-53-3	Aniline	59.9	U	59.9	80.4	110	ug/Kg
108-95-2	Phenol	51.3	U	51.3	80.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	51.8	U	51.8	80.4	110	ug/Kg
95-57-8	2-Chlorophenol	51.6	U	51.6	80.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.3	U	52.3	80.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	53.2	U	53.2	80.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	53.5	U	53.5	80.4	110	ug/Kg
100-51-6	Benzyl Alcohol	51.3	U	51.3	170	200	ug/Kg
95-48-7	2-Methylphenol	49.8	U	49.8	80.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56.2	U	56.2	80.4	110	ug/Kg
98-86-2	Acetophenone	53.7	U	53.7	80.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	49.3	U	49.3	170	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.9	U	24.9	49.5	49.5	ug/Kg
67-72-1	Hexachloroethane	51.3	U	51.3	80.4	110	ug/Kg
98-95-3	Nitrobenzene	56.1	U	56.1	80.4	110	ug/Kg
78-59-1	Isophorone	52.3	U	52.3	80.4	110	ug/Kg
88-75-5	2-Nitrophenol	58.4	U	58.4	80.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	57.6	U	57.6	80.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	53.1	U	53.1	80.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	46.7	U	46.7	80.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52.8	U	52.8	80.4	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	200	ug/Kg
91-20-3	Naphthalene	51.1	U	51.1	80.4	110	ug/Kg
106-47-8	4-Chloroaniline	51.1	U	51.1	80.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	51.5	U	51.5	80.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BF082724
Lab Sample ID:	P3717-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139185.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	53.7	U	53.7	170	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47.9	U	47.9	80.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	51	U	51	80.4	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96.5	U	96.5	170	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.1	U	44.1	80.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45.8	U	45.8	80.4	110	ug/Kg
92-52-4	1,1-Biphenyl	54	U	54	80.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	51.5	U	51.5	80.4	110	ug/Kg
88-74-4	2-Nitroaniline	58.7	U	58.7	80.4	110	ug/Kg
131-11-3	Dimethylphthalate	50.5	U	50.5	80.4	110	ug/Kg
208-96-8	Acenaphthylene	53.5	U	53.5	80.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	51.4	U	51.4	80.4	110	ug/Kg
99-09-2	3-Nitroaniline	55.2	U	55.2	80.4	110	ug/Kg
83-32-9	Acenaphthene	50.1	U	50.1	80.4	110	ug/Kg
Total PAH	Total PAH	819.3	U	819.3	80.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	200	ug/Kg
100-02-7	4-Nitrophenol	71.7	U	71.7	170	200	ug/Kg
132-64-9	Dibenzofuran	52.2	U	52.2	80.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	104.7	U	104.7	80.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.3	U	53.3	80.4	110	ug/Kg
84-66-2	Diethylphthalate	49.5	U	49.5	80.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52.9	U	52.9	80.4	110	ug/Kg
86-73-7	Fluorene	52.9	U	52.9	80.4	110	ug/Kg
100-01-6	4-Nitroaniline	66.2	U	66.2	80.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	72.3	U	72.3	170	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	50.5	U	50.5	80.4	110	ug/Kg
103-33-3	Azobenzene	49.2	U	49.2	80.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48.8	U	48.8	80.4	110	ug/Kg
118-74-1	Hexachlorobenzene	52.6	U	52.6	80.4	110	ug/Kg
1912-24-9	Atrazine	56.5	U	56.5	80.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BF082724
Lab Sample ID:	P3717-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139185.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	47.8	U	47.8	170	200	ug/Kg
85-01-8	Phenanthrene	51.9	U	51.9	80.4	110	ug/Kg
120-12-7	Anthracene	52.2	U	52.2	80.4	110	ug/Kg
86-74-8	Carbazole	49.7	U	49.7	80.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	52.1	U	52.1	80.4	110	ug/Kg
206-44-0	Fluoranthene	50.5	U	50.5	80.4	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	200	ug/Kg
129-00-0	Pyrene	51.3	U	51.3	80.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	59.9	U	59.9	80.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	170	200	ug/Kg
56-55-3	Benzo(a)anthracene	49.9	U	49.9	80.4	110	ug/Kg
218-01-9	Chrysene	49.2	U	49.2	80.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56.3	U	56.3	80.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	68	U	68	170	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	50.1	U	50.1	80.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	51.1	U	51.1	80.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	57.5	U	57.5	80.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48.3	U	48.3	80.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50.2	U	50.2	80.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49.5	U	49.5	80.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	53.7	U	53.7	80.4	110	ug/Kg
123-91-1	1,4-Dioxane	68	U	68	80.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46.2	U	46.2	80.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	51.4	U	51.4	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.847		18-112		61	SPK: -150
13127-88-3	Phenol-d6	88.617		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	68.192		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	62.197		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	8/22/2024 12:00:00 AM
Project:		Date Received:	8/22/2024 12:00:00 AM
Client Sample ID:	TP-4	SDG No.:	BF082724
Lab Sample ID:	P3717-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.1
Sample Wt/Vol:	50.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139185.D	1	8/23/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB162936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	93.252		10-116		62	SPK: -150
1718-51-0	Terphenyl-d14	52.18		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77327	6.893				
1146-65-2	Naphthalene-d8	281395	8.175				
15067-26-2	Acenaphthene-d10	154571	9.922				
1517-22-2	Phenanthrene-d10	240639	11.41				
1719-03-5	Chrysene-d12	168659	14.045				
1520-96-3	Perylene-d12	142969	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.181	
	unknown3.381	50.7	J			3.381	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	92.1	A			5.104	
000770-35-4	1-Phenoxypropan-2-ol	56.5	J			8.481	
000057-10-3	n-Hexadecanoic acid	200	J			11.939	
000057-11-4	Octadecanoic acid	89	J			12.722	
074339-54-1	Trichloroacetic acid, hexadecyl es	100	J			13.898	



Client:			Date Collected:	8/26/2024 12:00:00 AM		
Project:			Date Received:	8/26/2024 12:00:00 AM		
Client Sample ID:	BP-CONCRETE-082624		SDG No.:	BF082724		
Lab Sample ID:	P3742-01		Matrix:	Solid		
Analytical Method:	8270E		% Moisture:	0		
Sample Wt/Vol:	50.05	Units: g	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
BF139186.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.8	U	49.8	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	48	48	ug/Kg
67-72-1	Hexachloroethane	49.8	U	49.8	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.3	U	45.3	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	BP-CONCRETE-082624	SDG No.:	BF082724
Lab Sample ID:	P3742-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139186.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.5	U	46.5	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.5	U	49.5	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.4	U	44.4	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794.2	U	794.2	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	BP-CONCRETE-082624	SDG No.:	BF082724
Lab Sample ID:	P3742-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05 Units: g	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
BF139186.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.8	U	49.8	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.7	U	47.7	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	80.855		18-112		54	SPK: -150
13127-88-3	Phenol-d6	82.692		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	70.543		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	65.157		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	BP-CONCRETE-082624	SDG No.:	BF082724
Lab Sample ID:	P3742-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.05 Units: g	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
BF139186.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.612		10-116		51	SPK: -150
1718-51-0	Terphenyl-d14	53.868		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69537	6.892				
1146-65-2	Naphthalene-d8	253413	8.169				
15067-26-2	Acenaphthene-d10	139563	9.922				
1517-22-2	Phenanthrene-d10	222957	11.41				
1719-03-5	Chrysene-d12	151184	14.045				
1520-96-3	Perylene-d12	133164	15.515				

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	SLNP-DEMO	SDG No.:	BF082724
Lab Sample ID:	P3747-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139187.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	160	200	ug/Kg
110-86-1	Pyridine	47.9	U	47.9	77.9	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	58.1	U	58.1	77.9	100	ug/Kg
108-95-2	Phenol	49.7	U	49.7	77.9	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.2	U	50.2	77.9	100	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	77.9	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	50.7	U	50.7	77.9	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	51.5	U	51.5	77.9	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	51.8	U	51.8	77.9	100	ug/Kg
100-51-6	Benzyl Alcohol	49.7	U	49.7	160	200	ug/Kg
95-48-7	2-Methylphenol	48.3	U	48.3	77.9	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.5	U	54.5	77.9	100	ug/Kg
98-86-2	Acetophenone	52.1	U	52.1	77.9	100	ug/Kg
65794-96-9	3+4-Methylphenols	47.8	U	47.8	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.2	U	24.2	47.9	47.9	ug/Kg
67-72-1	Hexachloroethane	49.7	U	49.7	77.9	100	ug/Kg
98-95-3	Nitrobenzene	54.4	U	54.4	77.9	100	ug/Kg
78-59-1	Isophorone	50.7	U	50.7	77.9	100	ug/Kg
88-75-5	2-Nitrophenol	56.6	U	56.6	77.9	100	ug/Kg
105-67-9	2,4-Dimethylphenol	55.9	U	55.9	77.9	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	51.4	U	51.4	77.9	100	ug/Kg
120-83-2	2,4-Dichlorophenol	45.2	U	45.2	77.9	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.2	U	51.2	77.9	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	49.5	U	49.5	77.9	100	ug/Kg
106-47-8	4-Chloroaniline	49.5	U	49.5	77.9	100	ug/Kg
87-68-3	Hexachlorobutadiene	49.9	U	49.9	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	SLNP-DEMO	SDG No.:	BF082724
Lab Sample ID:	P3747-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139187.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52	U	52	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46.4	U	46.4	77.9	100	ug/Kg
91-57-6	2-Methylnaphthalene	49.4	U	49.4	77.9	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93.5	U	93.5	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42.8	U	42.8	77.9	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.3	U	44.3	77.9	100	ug/Kg
92-52-4	1,1-Biphenyl	52.4	U	52.4	77.9	100	ug/Kg
91-58-7	2-Chloronaphthalene	49.9	U	49.9	77.9	100	ug/Kg
88-74-4	2-Nitroaniline	56.9	U	56.9	77.9	100	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	77.9	100	ug/Kg
208-96-8	Acenaphthylene	51.8	U	51.8	77.9	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.9	U	49.9	77.9	100	ug/Kg
99-09-2	3-Nitroaniline	53.5	U	53.5	77.9	100	ug/Kg
83-32-9	Acenaphthene	48.6	U	48.6	77.9	100	ug/Kg
Total PAH	Total PAH	794	U	794	77.9	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	69.5	U	69.5	160	200	ug/Kg
132-64-9	Dibenzofuran	50.6	U	50.6	77.9	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	101.6	U	101.6	77.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	51.7	U	51.7	77.9	100	ug/Kg
84-66-2	Diethylphthalate	48	U	48	77.9	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51.3	U	51.3	77.9	100	ug/Kg
86-73-7	Fluorene	51.2	U	51.2	77.9	100	ug/Kg
100-01-6	4-Nitroaniline	64.1	U	64.1	77.9	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70.1	U	70.1	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.9	U	48.9	77.9	100	ug/Kg
103-33-3	Azobenzene	47.7	U	47.7	77.9	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	47.3	U	47.3	77.9	100	ug/Kg
118-74-1	Hexachlorobenzene	50.9	U	50.9	77.9	100	ug/Kg
1912-24-9	Atrazine	54.8	U	54.8	77.9	100	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	SLNP-DEMO	SDG No.:	BF082724
Lab Sample ID:	P3747-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06 Units: g	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
BF139187.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	46.3	U	46.3	160	200	ug/Kg
85-01-8	Phenanthrene	50.3	U	50.3	77.9	100	ug/Kg
120-12-7	Anthracene	50.6	U	50.6	77.9	100	ug/Kg
86-74-8	Carbazole	48.1	U	48.1	77.9	100	ug/Kg
84-74-2	Di-n-butylphthalate	50.5	U	50.5	77.9	100	ug/Kg
206-44-0	Fluoranthene	49	U	49	77.9	100	ug/Kg
92-87-5	Benzidine	97.7	U	97.7	160	200	ug/Kg
129-00-0	Pyrene	49.7	U	49.7	77.9	100	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	58	77.9	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59.1	U	59.1	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	48.4	U	48.4	77.9	100	ug/Kg
218-01-9	Chrysene	47.6	U	47.6	77.9	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54.5	U	54.5	77.9	100	ug/Kg
117-84-0	Di-n-octyl phthalate	65.9	U	65.9	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	48.6	U	48.6	77.9	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	49.5	U	49.5	77.9	100	ug/Kg
50-32-8	Benzo(a)pyrene	55.7	U	55.7	77.9	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46.8	U	46.8	77.9	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48.7	U	48.7	77.9	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48	U	48	77.9	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	77.9	100	ug/Kg
123-91-1	1,4-Dioxane	65.9	U	65.9	77.9	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44.8	U	44.8	77.9	100	ug/Kg
90-12-0	1-Methylnaphthalene	49.9	U	49.9	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.281		18-112		64	SPK: -150
13127-88-3	Phenol-d6	97.424		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	78.35		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	72.701		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	SLNP-DEMO	SDG No.:	BF082724
Lab Sample ID:	P3747-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139187.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	90.717		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	60.24		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63493	6.893				
1146-65-2	Naphthalene-d8	234691	8.175				
15067-26-2	Acenaphthene-d10	128707	9.922				
1517-22-2	Phenanthrene-d10	211091	11.41				
1719-03-5	Chrysene-d12	148640	14.045				
1520-96-3	Perylene-d12	128673	15.521				

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-5	SDG No.:	BF082724
Lab Sample ID:	P3732-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139188.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	97.6	U	97.6	300	370	ug/Kg
110-86-1	Pyridine	89.8	U	89.8	150	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	150	190	ug/Kg
108-95-2	Phenol	93.2	U	93.2	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	94.1	U	94.1	150	190	ug/Kg
95-57-8	2-Chlorophenol	93.9	U	93.9	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	95.1	U	95.1	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	96.7	U	96.7	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	97.2	U	97.2	150	190	ug/Kg
100-51-6	Benzyl Alcohol	93.3	U	93.3	300	370	ug/Kg
95-48-7	2-Methylphenol	90.6	U	90.6	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	190	ug/Kg
98-86-2	Acetophenone	97.7	U	97.7	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	89.7	U	89.7	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	45.3	U	45.3	89.9	89.9	ug/Kg
67-72-1	Hexachloroethane	93.3	U	93.3	150	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	190	ug/Kg
78-59-1	Isophorone	95.1	U	95.1	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	96.4	U	96.4	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84.9	U	84.9	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	96	U	96	150	190	ug/Kg
65-85-0	Benzoic acid	270	U	270	300	370	ug/Kg
91-20-3	Naphthalene	92.9	U	92.9	150	190	ug/Kg
106-47-8	4-Chloroaniline	92.9	U	92.9	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	93.6	U	93.6	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-5	SDG No.:	BF082724
Lab Sample ID:	P3732-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139188.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	97.6	U	97.6	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	87.1	U	87.1	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	92.7	U	92.7	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	80.3	U	80.3	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	83.2	U	83.2	150	190	ug/Kg
92-52-4	1,1-Biphenyl	98.2	U	98.2	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	93.6	U	93.6	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	91.8	U	91.8	150	190	ug/Kg
208-96-8	Acenaphthylene	97.2	U	97.2	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	93.5	U	93.5	150	190	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	190	ug/Kg
83-32-9	Acenaphthene	91.2	U	91.2	150	190	ug/Kg
Total PAH	Total PAH	1485.1	U	1485.1	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	94.9	U	94.9	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	190.4	U	190.4	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	96.9	U	96.9	150	190	ug/Kg
84-66-2	Diethylphthalate	90	U	90	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	96.2	U	96.2	150	190	ug/Kg
86-73-7	Fluorene	96.1	U	96.1	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	91.7	U	91.7	150	190	ug/Kg
103-33-3	Azobenzene	89.5	U	89.5	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	88.7	U	88.7	150	190	ug/Kg
118-74-1	Hexachlorobenzene	95.5	U	95.5	150	190	ug/Kg
1912-24-9	Atrazine	100	U	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-5	SDG No.:	BF082724
Lab Sample ID:	P3732-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139188.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86.9	U	86.9	300	370	ug/Kg
85-01-8	Phenanthrene	94.4	U	94.4	150	190	ug/Kg
120-12-7	Anthracene	94.9	U	94.9	150	190	ug/Kg
86-74-8	Carbazole	90.3	U	90.3	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	94.8	U	94.8	150	190	ug/Kg
206-44-0	Fluoranthene	91.8	U	91.8	150	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	93.3	U	93.3	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	90.7	U	90.7	150	190	ug/Kg
218-01-9	Chrysene	89.4	U	89.4	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	91.2	U	91.2	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	92.9	U	92.9	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	87.8	U	87.8	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91.3	U	91.3	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	90	U	90	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	97.6	U	97.6	150	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	84	U	84	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	93.5	U	93.5	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	119.486		18-112		80	SPK: -150
13127-88-3	Phenol-d6	112.972		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	89.858		18-107		90	SPK: -100
321-60-8	2-Fluorobiphenyl	75.155		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-5	SDG No.:	BF082724
Lab Sample ID:	P3732-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139188.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124.428		10-116		83	SPK: -150
1718-51-0	Terphenyl-d14	63.32		10-105		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78640	6.893				
1146-65-2	Naphthalene-d8	284201	8.169				
15067-26-2	Acenaphthene-d10	157844	9.922				
1517-22-2	Phenanthrene-d10	249990	11.41				
1719-03-5	Chrysene-d12	176511	14.045				
1520-96-3	Perylene-d12	158852	15.516				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3300	J			2.187	
	unknown3.387	160	J			3.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	250	A			5.11	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	110	J			6.71	
000770-35-4	1-Phenoxypropan-2-ol	170	J			8.481	
	unknown10.022	550	J			10.022	
000057-10-3	n-Hexadecanoic acid	100	J			11.934	
1000406-04-8	Pentadecafluorooctanoic acid, octa	190	J			13.898	

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-5MS	SDG No.:	BF082724
Lab Sample ID:	P3732-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139189.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1700		97.4	300	370	ug/Kg
110-86-1	Pyridine	1700		89.7	150	190	ug/Kg
100-52-7	Benzaldehyde	940		200	300	370	ug/Kg
62-53-3	Aniline	1600		110	150	190	ug/Kg
108-95-2	Phenol	1900		93	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		93.9	150	190	ug/Kg
95-57-8	2-Chlorophenol	2000		93.7	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	1700		94.9	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	1700		96.5	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	1700		97.1	150	190	ug/Kg
100-51-6	Benzyl Alcohol	1900		93.1	300	370	ug/Kg
95-48-7	2-Methylphenol	1800		90.5	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		100	150	190	ug/Kg
98-86-2	Acetophenone	1800		97.5	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	1800		89.6	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		45.2	89.8	89.8	ug/Kg
67-72-1	Hexachloroethane	1900		93.1	150	190	ug/Kg
98-95-3	Nitrobenzene	1800		100	150	190	ug/Kg
78-59-1	Isophorone	1900		94.9	150	190	ug/Kg
88-75-5	2-Nitrophenol	2200		110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	2300		100	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		96.3	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	2000		84.7	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1700		95.8	150	190	ug/Kg
65-85-0	Benzoic acid	1900		270	300	370	ug/Kg
91-20-3	Naphthalene	1800		92.7	150	190	ug/Kg
106-47-8	4-Chloroaniline	640		92.7	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	1700		93.5	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-5MS	SDG No.:	BF082724
Lab Sample ID:	P3732-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139189.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2100		97.4	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2000		87	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	1800		92.6	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5400	E	180	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2100		80.1	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2100		83	150	190	ug/Kg
92-52-4	1,1-Biphenyl	1800		98.1	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	1700		93.5	150	190	ug/Kg
88-74-4	2-Nitroaniline	2000		110	150	190	ug/Kg
131-11-3	Dimethylphthalate	2100		91.7	150	190	ug/Kg
208-96-8	Acenaphthylene	1900		97.1	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	2000		93.4	150	190	ug/Kg
99-09-2	3-Nitroaniline	1400		100	150	190	ug/Kg
83-32-9	Acenaphthene	2000		91	150	190	ug/Kg
Total PAH	Total PAH	28200		1482.7	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	3300	E	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	3500	E	130	300	370	ug/Kg
132-64-9	Dibenzofuran	1800		94.7	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4000		190.1	150	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		96.7	150	190	ug/Kg
84-66-2	Diethylphthalate	2100		89.9	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800		96.1	150	190	ug/Kg
86-73-7	Fluorene	1800		96	150	190	ug/Kg
100-01-6	4-Nitroaniline	1800		120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100		130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2100		91.6	150	190	ug/Kg
103-33-3	Azobenzene	1800		89.3	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		88.5	150	190	ug/Kg
118-74-1	Hexachlorobenzene	1900		95.4	150	190	ug/Kg
1912-24-9	Atrazine	3100	E	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-5MS	SDG No.:	BF082724
Lab Sample ID:	P3732-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.07 Units: g	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
BF139189.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3800	E	86.7	300	370	ug/Kg
85-01-8	Phenanthrene	1900		94.3	150	190	ug/Kg
120-12-7	Anthracene	1900		94.7	150	190	ug/Kg
86-74-8	Carbazole	1800		90.1	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	2600		94.6	150	190	ug/Kg
206-44-0	Fluoranthene	1700		91.7	150	190	ug/Kg
92-87-5	Benzidine	3300	E	180	300	370	ug/Kg
129-00-0	Pyrene	1400		93.1	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	2500		110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1800		110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	1900		90.6	150	190	ug/Kg
218-01-9	Chrysene	1900		89.2	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2800		100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2500		120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		91	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200		92.7	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	2100		100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		87.6	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		91.1	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		89.9	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		97.4	150	190	ug/Kg
123-91-1	1,4-Dioxane	1600		120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		83.8	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	1700		93.4	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.631		18-112		70	SPK: -150
13127-88-3	Phenol-d6	102.174		15-107		68	SPK: -150
4165-60-0	Nitrobenzene-d5	82.036		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	68.334		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-5MS	SDG No.:	BF082724
Lab Sample ID:	P3732-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.07 Units: g	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
BF139189.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.84		10-116		78	SPK: -150
1718-51-0	Terphenyl-d14	60.941		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89300	6.892				
1146-65-2	Naphthalene-d8	313751	8.175				
15067-26-2	Acenaphthene-d10	174359	9.928				
1517-22-2	Phenanthrene-d10	273027	11.41				
1719-03-5	Chrysene-d12	167794	14.051				
1520-96-3	Perylene-d12	157903	15.521				

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-5MSD	SDG No.:	BF082724
Lab Sample ID:	P3732-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139190.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1700		97.4	300	370	ug/Kg
110-86-1	Pyridine	1600		89.7	150	190	ug/Kg
100-52-7	Benzaldehyde	950		200	300	370	ug/Kg
62-53-3	Aniline	1600		110	150	190	ug/Kg
108-95-2	Phenol	1900		93.1	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		94	150	190	ug/Kg
95-57-8	2-Chlorophenol	2000		93.7	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	1700		95	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		96.5	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		97.1	150	190	ug/Kg
100-51-6	Benzyl Alcohol	2000		93.2	300	370	ug/Kg
95-48-7	2-Methylphenol	1900		90.5	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		100	150	190	ug/Kg
98-86-2	Acetophenone	1700		97.6	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	1900		89.6	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1900		45.2	89.8	89.8	ug/Kg
67-72-1	Hexachloroethane	1800		93.2	150	190	ug/Kg
98-95-3	Nitrobenzene	1800		100	150	190	ug/Kg
78-59-1	Isophorone	1900		95	150	190	ug/Kg
88-75-5	2-Nitrophenol	2200		110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	2300		100	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1800		96.3	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	2000		84.8	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		95.9	150	190	ug/Kg
65-85-0	Benzoic acid	1900		270	300	370	ug/Kg
91-20-3	Naphthalene	1700		92.7	150	190	ug/Kg
106-47-8	4-Chloroaniline	660		92.7	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	1700		93.5	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-5MSD	SDG No.:	BF082724
Lab Sample ID:	P3732-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139190.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2300		97.4	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2000		87	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	1800		92.6	150	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5400	E	180	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2100		80.2	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2100		83.1	150	190	ug/Kg
92-52-4	1,1-Biphenyl	1700		98.1	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	1700		93.5	150	190	ug/Kg
88-74-4	2-Nitroaniline	2000		110	150	190	ug/Kg
131-11-3	Dimethylphthalate	2100		91.7	150	190	ug/Kg
208-96-8	Acenaphthylene	1900		97.1	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		93.4	150	190	ug/Kg
99-09-2	3-Nitroaniline	1400		100	150	190	ug/Kg
83-32-9	Acenaphthene	2000		91	150	190	ug/Kg
Total PAH	Total PAH	28100		1483	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	E	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	3600	E	130	300	370	ug/Kg
132-64-9	Dibenzofuran	1800		94.7	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		96.8	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4200		190.2	150	380	ug/Kg
84-66-2	Diethylphthalate	2200		89.9	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800		96.1	150	190	ug/Kg
86-73-7	Fluorene	1800		96	150	190	ug/Kg
100-01-6	4-Nitroaniline	1900		120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200		130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2000		91.6	150	190	ug/Kg
103-33-3	Azobenzene	1900		89.4	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		88.6	150	190	ug/Kg
118-74-1	Hexachlorobenzene	1800		95.4	150	190	ug/Kg
1912-24-9	Atrazine	3100	E	100	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-5MSD	SDG No.:	BF082724
Lab Sample ID:	P3732-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.06 Units: g	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
BF139190.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3800	E	86.8	300	370	ug/Kg
85-01-8	Phenanthrene	1800		94.3	150	190	ug/Kg
120-12-7	Anthracene	1900		94.7	150	190	ug/Kg
86-74-8	Carbazole	1800		90.1	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	2700		94.6	150	190	ug/Kg
206-44-0	Fluoranthene	1700		91.7	150	190	ug/Kg
92-87-5	Benzidine	3700	E	180	300	370	ug/Kg
129-00-0	Pyrene	1600		93.2	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	3000		110	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1800		110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	1800		90.6	150	190	ug/Kg
218-01-9	Chrysene	1900		89.2	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3200	E	100	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2700		120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		91	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200		92.7	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	2100		100	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300		87.7	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		91.2	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		89.9	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		97.4	150	190	ug/Kg
123-91-1	1,4-Dioxane	1400		120	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2200		83.9	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	1700		93.4	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	104.131		18-112		69	SPK: -150
13127-88-3	Phenol-d6	104.037		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	82.003		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	65.668		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-5MSD	SDG No.:	BF082724
Lab Sample ID:	P3732-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.1
Sample Wt/Vol:	30.06 Units: g	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
BF139190.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.162		10-116		82	SPK: -150
1718-51-0	Terphenyl-d14	68.837		10-105		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103054	6.892				
1146-65-2	Naphthalene-d8	383589	8.175				
15067-26-2	Acenaphthene-d10	222997	9.927				
1517-22-2	Phenanthrene-d10	371504	11.416				
1719-03-5	Chrysene-d12	208706	14.051				
1520-96-3	Perylene-d12	181108	15.521				

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-3	SDG No.:	BF082724
Lab Sample ID:	P3732-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139191.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	94.3	U	94.3	290	360	ug/Kg
110-86-1	Pyridine	86.8	U	86.8	140	180	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	360	ug/Kg
62-53-3	Aniline	110	U	110	140	180	ug/Kg
108-95-2	Phenol	90.1	U	90.1	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90.9	U	90.9	140	180	ug/Kg
95-57-8	2-Chlorophenol	90.7	U	90.7	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	91.9	U	91.9	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	93.4	U	93.4	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	94	U	94	140	180	ug/Kg
100-51-6	Benzyl Alcohol	90.2	U	90.2	290	360	ug/Kg
95-48-7	2-Methylphenol	87.6	U	87.6	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.7	U	98.7	140	180	ug/Kg
98-86-2	Acetophenone	94.4	U	94.4	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	86.7	U	86.7	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.8	U	43.8	86.9	86.9	ug/Kg
67-72-1	Hexachloroethane	90.2	U	90.2	140	180	ug/Kg
98-95-3	Nitrobenzene	98.6	U	98.6	140	180	ug/Kg
78-59-1	Isophorone	91.9	U	91.9	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.2	U	93.2	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	82	U	82	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	92.8	U	92.8	140	180	ug/Kg
65-85-0	Benzoic acid	260	U	260	290	360	ug/Kg
91-20-3	Naphthalene	89.7	U	89.7	140	180	ug/Kg
106-47-8	4-Chloroaniline	89.7	U	89.7	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	90.5	U	90.5	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-3	SDG No.:	BF082724
Lab Sample ID:	P3732-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139191.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	94.3	U	94.3	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.2	U	84.2	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	89.6	U	89.6	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.6	U	77.6	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.4	U	80.4	140	180	ug/Kg
92-52-4	1,1-Biphenyl	94.9	U	94.9	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	90.5	U	90.5	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	88.8	U	88.8	140	180	ug/Kg
208-96-8	Acenaphthylene	94	U	94	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.4	U	90.4	140	180	ug/Kg
99-09-2	3-Nitroaniline	96.9	U	96.9	140	180	ug/Kg
83-32-9	Acenaphthene	88.1	U	88.1	140	180	ug/Kg
Total PAH	Total PAH	1438.6	U	1438.6	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	290	360	ug/Kg
132-64-9	Dibenzofuran	91.7	U	91.7	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	184	U	184	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.6	U	93.6	140	180	ug/Kg
84-66-2	Diethylphthalate	87	U	87	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93	U	93	140	180	ug/Kg
86-73-7	Fluorene	92.9	U	92.9	140	180	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.6	U	88.6	140	180	ug/Kg
103-33-3	Azobenzene	86.5	U	86.5	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.7	U	85.7	140	180	ug/Kg
118-74-1	Hexachlorobenzene	92.3	U	92.3	140	180	ug/Kg
1912-24-9	Atrazine	99.3	U	99.3	140	180	ug/Kg

Report of Analysis

Client:				Date Collected:	8/23/2024 12:00:00 AM		
Project:				Date Received:	8/23/2024 12:00:00 AM		
Client Sample ID:	UI-3			SDG No.:	BF082724		
Lab Sample ID:	P3732-03			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	8.1		
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:				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
BF139191.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84	U	84	290	360	ug/Kg
85-01-8	Phenanthrene	170	J	91.3	140	180	ug/Kg
120-12-7	Anthracene	91.7	U	91.7	140	180	ug/Kg
86-74-8	Carbazole	87.2	U	87.2	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	91.6	U	91.6	140	180	ug/Kg
206-44-0	Fluoranthene	290		88.8	140	180	ug/Kg
92-87-5	Benzidine	180	U	180	290	360	ug/Kg
129-00-0	Pyrene	190		90.2	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	87.7	140	180	ug/Kg
218-01-9	Chrysene	150	J	86.4	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	98.9	U	98.9	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	200		88.1	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	89.7	U	89.7	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	100	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84.8	U	84.8	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.2	U	88.2	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	87	U	87	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.3	U	94.3	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.1	U	81.1	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	90.4	U	90.4	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.978		18-112		66	SPK: -150
13127-88-3	Phenol-d6	95.589		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	76.818		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	64.569		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-3	SDG No.:	BF082724
Lab Sample ID:	P3732-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.1
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139191.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	102.074		10-116		68	SPK: -150
1718-51-0	Terphenyl-d14	51.921		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78928	6.893				
1146-65-2	Naphthalene-d8	288745	8.169				
15067-26-2	Acenaphthene-d10	158381	9.922				
1517-22-2	Phenanthrene-d10	246137	11.41				
1719-03-5	Chrysene-d12	173657	14.045				
1520-96-3	Perylene-d12	155996	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2500	J			2.181	
004254-15-3	(S)-(+)-1,2-Propanediol	180	J			3.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			5.104	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	110	J			6.71	
000770-35-4	1-Phenoxypropan-2-ol	160	J			8.481	
	unknown10.022	690	J			10.022	
000057-10-3	n-Hexadecanoic acid	120	J			11.933	
006385-15-5	Heptafluorobutyric acid, hexadecyl	110	J			13.892	
000205-82-3	Benzo[j]fluoranthene	90.5	J			15.392	

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BF082724
Lab Sample ID:	P3739-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.4
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139192.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	63.7	U	63.7	200	240	ug/Kg
110-86-1	Pyridine	58.7	U	58.7	95.4	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	200	240	ug/Kg
62-53-3	Aniline	71.1	U	71.1	95.4	120	ug/Kg
108-95-2	Phenol	60.9	U	60.9	95.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	61.4	U	61.4	95.4	120	ug/Kg
95-57-8	2-Chlorophenol	61.3	U	61.3	95.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	62.1	U	62.1	95.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	63.1	U	63.1	95.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	63.5	U	63.5	95.4	120	ug/Kg
100-51-6	Benzyl Alcohol	60.9	U	60.9	200	240	ug/Kg
95-48-7	2-Methylphenol	59.2	U	59.2	95.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66.7	U	66.7	95.4	120	ug/Kg
98-86-2	Acetophenone	63.8	U	63.8	95.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	58.6	U	58.6	200	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	29.6	U	29.6	58.7	58.7	ug/Kg
67-72-1	Hexachloroethane	60.9	U	60.9	95.4	120	ug/Kg
98-95-3	Nitrobenzene	66.7	U	66.7	95.4	120	ug/Kg
78-59-1	Isophorone	62.1	U	62.1	95.4	120	ug/Kg
88-75-5	2-Nitrophenol	69.4	U	69.4	95.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	68.4	U	68.4	95.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	63	U	63	95.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	55.4	U	55.4	95.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	62.7	U	62.7	95.4	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	200	240	ug/Kg
91-20-3	Naphthalene	60.6	U	60.6	95.4	120	ug/Kg
106-47-8	4-Chloroaniline	60.6	U	60.6	95.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	61.2	U	61.2	95.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BF082724
Lab Sample ID:	P3739-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.4
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139192.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	63.7	U	63.7	200	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56.9	U	56.9	95.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	60.6	U	60.6	95.4	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	200	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52.4	U	52.4	95.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54.3	U	54.3	95.4	120	ug/Kg
92-52-4	1,1-Biphenyl	64.2	U	64.2	95.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	61.2	U	61.2	95.4	120	ug/Kg
88-74-4	2-Nitroaniline	69.7	U	69.7	95.4	120	ug/Kg
131-11-3	Dimethylphthalate	60	U	60	95.4	120	ug/Kg
208-96-8	Acenaphthylene	63.5	U	63.5	95.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	61.1	U	61.1	95.4	120	ug/Kg
99-09-2	3-Nitroaniline	65.5	U	65.5	95.4	120	ug/Kg
83-32-9	Acenaphthene	59.5	U	59.5	95.4	120	ug/Kg
Total PAH	Total PAH	972.7	U	972.7	95.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	200	240	ug/Kg
100-02-7	4-Nitrophenol	85.2	U	85.2	200	240	ug/Kg
132-64-9	Dibenzofuran	62	U	62	95.4	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	63.3	U	63.3	95.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	124.4	U	124.4	95.4	240	ug/Kg
84-66-2	Diethylphthalate	58.8	U	58.8	95.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	62.8	U	62.8	95.4	120	ug/Kg
86-73-7	Fluorene	62.8	U	62.8	95.4	120	ug/Kg
100-01-6	4-Nitroaniline	78.6	U	78.6	95.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85.9	U	85.9	200	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	59.9	U	59.9	95.4	120	ug/Kg
103-33-3	Azobenzene	58.4	U	58.4	95.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57.9	U	57.9	95.4	120	ug/Kg
118-74-1	Hexachlorobenzene	62.4	U	62.4	95.4	120	ug/Kg
1912-24-9	Atrazine	67.1	U	67.1	95.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BF082724
Lab Sample ID:	P3739-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.4
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139192.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	56.7	U	56.7	200	240	ug/Kg
85-01-8	Phenanthrene	77.4	J	61.7	95.4	120	ug/Kg
120-12-7	Anthracene	62	U	62	95.4	120	ug/Kg
86-74-8	Carbazole	58.9	U	58.9	95.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	61.9	U	61.9	95.4	120	ug/Kg
206-44-0	Fluoranthene	110	J	60	95.4	120	ug/Kg
92-87-5	Benzidine	120	U	120	200	240	ug/Kg
129-00-0	Pyrene	85.4	J	60.9	95.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	71.1	U	71.1	95.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72.4	U	72.4	200	240	ug/Kg
56-55-3	Benzo(a)anthracene	71.1	J	59.2	95.4	120	ug/Kg
218-01-9	Chrysene	70	J	58.4	95.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	66.8	U	66.8	95.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	80.8	U	80.8	200	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	83.1	J	59.5	95.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	60.6	U	60.6	95.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	68.3	U	68.3	95.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	57.3	U	57.3	95.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59.6	U	59.6	95.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58.8	U	58.8	95.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63.7	U	63.7	95.4	120	ug/Kg
123-91-1	1,4-Dioxane	80.8	U	80.8	95.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54.8	U	54.8	95.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	61.1	U	61.1	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	93.766		18-112		63	SPK: -150
13127-88-3	Phenol-d6	90.265		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	71.893		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	60.014		20-109		60	SPK: -100

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-4	SDG No.:	BF082724
Lab Sample ID:	P3739-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.4
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139192.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	101.363		10-116		68	SPK: -150
1718-51-0	Terphenyl-d14	52.05		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81460	6.893				
1146-65-2	Naphthalene-d8	294015	8.169				
15067-26-2	Acenaphthene-d10	161290	9.922				
1517-22-2	Phenanthrene-d10	254014	11.41				
1719-03-5	Chrysene-d12	178281	14.045				
1520-96-3	Perylene-d12	152902	15.516				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2000	J			2.175	
000057-55-6	Propylene Glycol	170	J			3.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	110	A			5.104	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	70.7	J			6.71	
000770-35-4	1-Phenoxypropan-2-ol	83	J			8.481	
	unknown10.022	1700	J			10.022	
000057-10-3	n-Hexadecanoic acid	330	J			11.939	
000057-11-4	Octadecanoic acid	96.7	J			12.722	
959085-66-6	Heptadecyl heptafluorobutyrate	94	J			13.892	

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BF082724
Lab Sample ID:	P3739-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139193.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	62.1	U	62.1	190	240	ug/Kg
110-86-1	Pyridine	57.2	U	57.2	93	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	240	ug/Kg
62-53-3	Aniline	69.3	U	69.3	93	120	ug/Kg
108-95-2	Phenol	59.3	U	59.3	93	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59.9	U	59.9	93	120	ug/Kg
95-57-8	2-Chlorophenol	59.7	U	59.7	93	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	60.5	U	60.5	93	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61.5	U	61.5	93	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	61.9	U	61.9	93	120	ug/Kg
100-51-6	Benzyl Alcohol	59.4	U	59.4	190	240	ug/Kg
95-48-7	2-Methylphenol	57.7	U	57.7	93	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	65	93	120	ug/Kg
98-86-2	Acetophenone	62.2	U	62.2	93	120	ug/Kg
65794-96-9	3+4-Methylphenols	57.1	U	57.1	190	240	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.8	U	28.8	57.2	57.2	ug/Kg
67-72-1	Hexachloroethane	59.4	U	59.4	93	120	ug/Kg
98-95-3	Nitrobenzene	65	U	65	93	120	ug/Kg
78-59-1	Isophorone	60.5	U	60.5	93	120	ug/Kg
88-75-5	2-Nitrophenol	67.6	U	67.6	93	120	ug/Kg
105-67-9	2,4-Dimethylphenol	66.7	U	66.7	93	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	61.4	U	61.4	93	120	ug/Kg
120-83-2	2,4-Dichlorophenol	54	U	54	93	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	61.1	U	61.1	93	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	240	ug/Kg
91-20-3	Naphthalene	59.1	U	59.1	93	120	ug/Kg
106-47-8	4-Chloroaniline	59.1	U	59.1	93	120	ug/Kg
87-68-3	Hexachlorobutadiene	59.6	U	59.6	93	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BF082724
Lab Sample ID:	P3739-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139193.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	62.1	U	62.1	190	240	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55.4	U	55.4	93	120	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	59	93	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	240	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51.1	U	51.1	93	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52.9	U	52.9	93	120	ug/Kg
92-52-4	1,1-Biphenyl	62.5	U	62.5	93	120	ug/Kg
91-58-7	2-Chloronaphthalene	59.6	U	59.6	93	120	ug/Kg
88-74-4	2-Nitroaniline	68	U	68	93	120	ug/Kg
131-11-3	Dimethylphthalate	58.4	U	58.4	93	120	ug/Kg
208-96-8	Acenaphthylene	61.9	U	61.9	93	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	59.5	U	59.5	93	120	ug/Kg
99-09-2	3-Nitroaniline	63.8	U	63.8	93	120	ug/Kg
83-32-9	Acenaphthene	58	U	58	93	120	ug/Kg
Total PAH	Total PAH	1635.7	U	948	93	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	240	ug/Kg
100-02-7	4-Nitrophenol	83	U	83	190	240	ug/Kg
132-64-9	Dibenzofuran	60.4	U	60.4	93	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	21.2	U	121.2	93	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61.7	U	61.7	93	120	ug/Kg
84-66-2	Diethylphthalate	57.3	U	57.3	93	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61.2	U	61.2	93	120	ug/Kg
86-73-7	Fluorene	61.2	U	61.2	93	120	ug/Kg
100-01-6	4-Nitroaniline	76.5	U	76.5	93	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83.7	U	83.7	190	240	ug/Kg
86-30-6	n-Nitrosodiphenylamine	58.4	U	58.4	93	120	ug/Kg
103-33-3	Azobenzene	56.9	U	56.9	93	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56.4	U	56.4	93	120	ug/Kg
118-74-1	Hexachlorobenzene	60.8	U	60.8	93	120	ug/Kg
1912-24-9	Atrazine	65.4	U	65.4	93	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BF082724
Lab Sample ID:	P3739-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139193.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	55.3	U	55.3	190	240	ug/Kg
85-01-8	Phenanthrene	160		60.1	93	120	ug/Kg
120-12-7	Anthracene	60.4	U	60.4	93	120	ug/Kg
86-74-8	Carbazole	57.4	U	57.4	93	120	ug/Kg
84-74-2	Di-n-butylphthalate	60.3	U	60.3	93	120	ug/Kg
206-44-0	Fluoranthene	290		58.4	93	120	ug/Kg
92-87-5	Benzidine	120	U	120	190	240	ug/Kg
129-00-0	Pyrene	200		59.4	93	120	ug/Kg
85-68-7	Butylbenzylphthalate	69.3	U	69.3	93	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70.5	U	70.5	190	240	ug/Kg
56-55-3	Benzo(a)anthracene	170		57.7	93	120	ug/Kg
218-01-9	Chrysene	160		56.9	93	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	65.1	U	65.1	93	120	ug/Kg
117-84-0	Di-n-octyl phthalate	78.7	U	78.7	190	240	ug/Kg
205-99-2	Benzo(b)fluoranthene	240		58	93	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	83.1	J	59.1	93	120	ug/Kg
50-32-8	Benzo(a)pyrene	190		66.5	93	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	67	J	55.9	93	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58.1	U	58.1	93	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	75.6	J	57.3	93	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62.1	U	62.1	93	120	ug/Kg
123-91-1	1,4-Dioxane	78.7	U	78.7	93	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53.4	U	53.4	93	120	ug/Kg
90-12-0	1-Methylnaphthalene	59.5	U	59.5	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.749		18-112		52	SPK: -150
13127-88-3	Phenol-d6	79.114		15-107		53	SPK: -150
4165-60-0	Nitrobenzene-d5	58.794		18-107		59	SPK: -100
321-60-8	2-Fluorobiphenyl	50.883		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	8/26/2024 12:00:00 AM
Project:		Date Received:	8/26/2024 12:00:00 AM
Client Sample ID:	WC-1	SDG No.:	BF082724
Lab Sample ID:	P3739-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	16.2
Sample Wt/Vol:	50.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139193.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	80.951		10-116		54	SPK: -150
1718-51-0	Terphenyl-d14	38.548		10-105		39	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79119	6.893				
1146-65-2	Naphthalene-d8	295611	8.169				
15067-26-2	Acenaphthene-d10	159548	9.922				
1517-22-2	Phenanthrene-d10	250371	11.41				
1719-03-5	Chrysene-d12	183130	14.045				
1520-96-3	Perylene-d12	159035	15.516				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.175	
004254-15-3	(S)-(+)-1,2-Propanediol	89.7	J			3.375	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	96.6	A			5.099	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	60.8	J			6.71	
000770-35-4	1-Phenoxypropan-2-ol	78.5	J			8.481	
	unknown10.022	1400	J			10.022	
000613-12-7	Anthracene, 2-methyl-	81.3	J			11.933	
074339-54-1	Trichloroacetic acid, hexadecyl es	56	J			13.892	
000124-26-5	Octadecanamide	94.4	J			14.816	
000192-97-2	Benzo[e]pyrene	52	J			15.192	
000198-55-0	Perylene	120	J			15.392	

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	WC-13	SDG No.:	BF082724
Lab Sample ID:	P3735-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.3
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139194.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.3	U	59.3	180	230	ug/Kg
110-86-1	Pyridine	54.6	U	54.6	88.8	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	230	ug/Kg
62-53-3	Aniline	66.2	U	66.2	88.8	120	ug/Kg
108-95-2	Phenol	56.6	U	56.6	88.8	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.2	U	57.2	88.8	120	ug/Kg
95-57-8	2-Chlorophenol	57	U	57	88.8	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.8	U	57.8	88.8	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.7	U	58.7	88.8	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.1	U	59.1	88.8	120	ug/Kg
100-51-6	Benzyl Alcohol	56.7	U	56.7	180	230	ug/Kg
95-48-7	2-Methylphenol	55.1	U	55.1	88.8	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.1	U	62.1	88.8	120	ug/Kg
98-86-2	Acetophenone	59.4	U	59.4	88.8	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.5	U	54.5	180	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.5	U	27.5	54.6	54.6	ug/Kg
67-72-1	Hexachloroethane	56.7	U	56.7	88.8	120	ug/Kg
98-95-3	Nitrobenzene	62	U	62	88.8	120	ug/Kg
78-59-1	Isophorone	57.8	U	57.8	88.8	120	ug/Kg
88-75-5	2-Nitrophenol	64.5	U	64.5	88.8	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.7	U	63.7	88.8	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.6	U	58.6	88.8	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.6	U	51.6	88.8	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.3	U	58.3	88.8	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	230	ug/Kg
91-20-3	Naphthalene	56.4	U	56.4	88.8	120	ug/Kg
106-47-8	4-Chloroaniline	56.4	U	56.4	88.8	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.9	U	56.9	88.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	WC-13	SDG No.:	BF082724
Lab Sample ID:	P3735-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.3
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139194.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.3	U	59.3	180	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.9	U	52.9	88.8	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.4	U	56.4	88.8	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.8	U	48.8	88.8	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.5	U	50.5	88.8	120	ug/Kg
92-52-4	1,1-Biphenyl	59.7	U	59.7	88.8	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.9	U	56.9	88.8	120	ug/Kg
88-74-4	2-Nitroaniline	64.9	U	64.9	88.8	120	ug/Kg
131-11-3	Dimethylphthalate	55.8	U	55.8	88.8	120	ug/Kg
208-96-8	Acenaphthylene	59.1	U	59.1	88.8	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.8	U	56.8	88.8	120	ug/Kg
99-09-2	3-Nitroaniline	60.9	U	60.9	88.8	120	ug/Kg
83-32-9	Acenaphthene	55.4	U	55.4	88.8	120	ug/Kg
Total PAH	Total PAH	905.1	U	905.1	88.8	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	230	ug/Kg
100-02-7	4-Nitrophenol	79.2	U	79.2	180	230	ug/Kg
132-64-9	Dibenzofuran	57.7	U	57.7	88.8	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15.7	U	115.7	88.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.9	U	58.9	88.8	120	ug/Kg
84-66-2	Diethylphthalate	54.7	U	54.7	88.8	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.5	U	58.5	88.8	120	ug/Kg
86-73-7	Fluorene	58.4	U	58.4	88.8	120	ug/Kg
100-01-6	4-Nitroaniline	73.1	U	73.1	88.8	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.9	U	79.9	180	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.7	U	55.7	88.8	120	ug/Kg
103-33-3	Azobenzene	54.4	U	54.4	88.8	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.9	U	53.9	88.8	120	ug/Kg
118-74-1	Hexachlorobenzene	58.1	U	58.1	88.8	120	ug/Kg
1912-24-9	Atrazine	62.4	U	62.4	88.8	120	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	WC-13	SDG No.:	BF082724
Lab Sample ID:	P3735-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.3
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139194.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.8	U	52.8	180	230	ug/Kg
85-01-8	Phenanthrene	57.4	U	57.4	88.8	120	ug/Kg
120-12-7	Anthracene	57.7	U	57.7	88.8	120	ug/Kg
86-74-8	Carbazole	54.8	U	54.8	88.8	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.6	U	57.6	88.8	120	ug/Kg
206-44-0	Fluoranthene	55.8	U	55.8	88.8	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	230	ug/Kg
129-00-0	Pyrene	56.7	U	56.7	88.8	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.1	U	66.1	88.8	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.3	U	67.3	180	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.1	U	55.1	88.8	120	ug/Kg
218-01-9	Chrysene	54.3	U	54.3	88.8	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.2	U	62.2	88.8	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.1	U	75.1	180	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.4	U	55.4	88.8	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.4	U	56.4	88.8	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.5	U	63.5	88.8	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.3	U	53.3	88.8	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.5	U	55.5	88.8	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.7	U	54.7	88.8	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.3	U	59.3	88.8	120	ug/Kg
123-91-1	1,4-Dioxane	75.1	U	75.1	88.8	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	51	88.8	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.8	U	56.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111.726		18-112		74	SPK: -150
13127-88-3	Phenol-d6	106.611		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	85.354		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	70.836		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	WC-13	SDG No.:	BF082724
Lab Sample ID:	P3735-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.3
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139194.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	110.582		10-116		74	SPK: -150
1718-51-0	Terphenyl-d14	54.815		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91165	6.892				
1146-65-2	Naphthalene-d8	329785	8.169				
15067-26-2	Acenaphthene-d10	176907	9.922				
1517-22-2	Phenanthrene-d10	261110	11.41				
1719-03-5	Chrysene-d12	190521	14.045				
1520-96-3	Perylene-d12	149324	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J			2.21	
004254-15-3	(S)-(+)-1,2-Propanediol	99	J			3.41	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	A			5.116	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	67.2	J			6.71	
000770-35-4	1-Phenoxypropan-2-ol	84.9	J			8.48	
	unknown10.016	130	J			10.016	
000057-10-3	n-Hexadecanoic acid	77	J			11.933	
000301-02-0	9-Octadecenamide, (Z)-	77.6	J			13.474	
959085-66-6	Heptadecyl heptafluorobutyrate	81.7	J			13.898	
000192-97-2	Benzo[e]pyrene	64.4	J			15.086	

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	WC-16	SDG No.:	BF082724
Lab Sample ID:	P3735-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139195.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.5	U	56.5	180	210	ug/Kg
110-86-1	Pyridine	52	U	52	84.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	210	ug/Kg
62-53-3	Aniline	63.1	U	63.1	84.6	110	ug/Kg
108-95-2	Phenol	54	U	54	84.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.5	U	54.5	84.6	110	ug/Kg
95-57-8	2-Chlorophenol	54.4	U	54.4	84.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.1	U	55.1	84.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56	U	56	84.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.3	U	56.3	84.6	110	ug/Kg
100-51-6	Benzyl Alcohol	54	U	54	180	210	ug/Kg
95-48-7	2-Methylphenol	52.5	U	52.5	84.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.2	U	59.2	84.6	110	ug/Kg
98-86-2	Acetophenone	56.6	U	56.6	84.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	52	U	52	180	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.2	U	26.2	52.1	52.1	ug/Kg
67-72-1	Hexachloroethane	54	U	54	84.6	110	ug/Kg
98-95-3	Nitrobenzene	59.1	U	59.1	84.6	110	ug/Kg
78-59-1	Isophorone	55.1	U	55.1	84.6	110	ug/Kg
88-75-5	2-Nitrophenol	61.5	U	61.5	84.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	60.7	U	60.7	84.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	55.9	U	55.9	84.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.2	U	49.2	84.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.6	U	55.6	84.6	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	180	210	ug/Kg
91-20-3	Naphthalene	53.8	U	53.8	84.6	110	ug/Kg
106-47-8	4-Chloroaniline	53.8	U	53.8	84.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.2	U	54.2	84.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	WC-16	SDG No.:	BF082724
Lab Sample ID:	P3735-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139195.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.5	U	56.5	180	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.5	U	50.5	84.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	53.7	U	53.7	84.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.5	U	46.5	84.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.2	U	48.2	84.6	110	ug/Kg
92-52-4	1,1-Biphenyl	56.9	U	56.9	84.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.2	U	54.2	84.6	110	ug/Kg
88-74-4	2-Nitroaniline	61.8	U	61.8	84.6	110	ug/Kg
131-11-3	Dimethylphthalate	53.2	U	53.2	84.6	110	ug/Kg
208-96-8	Acenaphthylene	56.3	U	56.3	84.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.2	U	54.2	84.6	110	ug/Kg
99-09-2	3-Nitroaniline	58.1	U	58.1	84.6	110	ug/Kg
83-32-9	Acenaphthene	52.8	U	52.8	84.6	110	ug/Kg
Total PAH	Total PAH	1220.5	U	862.6	84.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	210	ug/Kg
100-02-7	4-Nitrophenol	75.5	U	75.5	180	210	ug/Kg
132-64-9	Dibenzofuran	54.9	U	54.9	84.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10.3	U	110.3	84.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.1	U	56.1	84.6	110	ug/Kg
84-66-2	Diethylphthalate	52.1	U	52.1	84.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55.7	U	55.7	84.6	110	ug/Kg
86-73-7	Fluorene	55.7	U	55.7	84.6	110	ug/Kg
100-01-6	4-Nitroaniline	69.7	U	69.7	84.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.2	U	76.2	180	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.1	U	53.1	84.6	110	ug/Kg
103-33-3	Azobenzene	51.8	U	51.8	84.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.4	U	51.4	84.6	110	ug/Kg
118-74-1	Hexachlorobenzene	55.3	U	55.3	84.6	110	ug/Kg
1912-24-9	Atrazine	59.5	U	59.5	84.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	WC-16	SDG No.:	BF082724
Lab Sample ID:	P3735-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139195.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.3	U	50.3	180	210	ug/Kg
85-01-8	Phenanthrene	180		54.7	84.6	110	ug/Kg
120-12-7	Anthracene	54.9	U	54.9	84.6	110	ug/Kg
86-74-8	Carbazole	52.3	U	52.3	84.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	54.9	U	54.9	84.6	110	ug/Kg
206-44-0	Fluoranthene	230		53.2	84.6	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	210	ug/Kg
129-00-0	Pyrene	150		54	84.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	63	U	63	84.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.2	U	64.2	180	210	ug/Kg
56-55-3	Benzo(a)anthracene	130		52.5	84.6	110	ug/Kg
218-01-9	Chrysene	120		51.8	84.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	84.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.6	U	71.6	180	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	160		52.8	84.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.7	J	53.8	84.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	130		60.5	84.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	50.8	U	50.8	84.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52.9	U	52.9	84.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	63.8	J	52.1	84.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.5	U	56.5	84.6	110	ug/Kg
123-91-1	1,4-Dioxane	71.6	U	71.6	84.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.6	U	48.6	84.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.2	U	54.2	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	64.236		18-112		43	SPK: -150
13127-88-3	Phenol-d6	62.594		15-107		42	SPK: -150
4165-60-0	Nitrobenzene-d5	49.973		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	43.821		20-109		44	SPK: -100

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	WC-16	SDG No.:	BF082724
Lab Sample ID:	P3735-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8
Sample Wt/Vol:	50.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139195.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	59.44		10-116		40	SPK: -150
1718-51-0	Terphenyl-d14	34.322		10-105		34	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86699	6.892				
1146-65-2	Naphthalene-d8	306372	8.169				
15067-26-2	Acenaphthene-d10	164667	9.922				
1517-22-2	Phenanthrene-d10	236901	11.41				
1719-03-5	Chrysene-d12	180550	14.045				
1520-96-3	Perylene-d12	134580	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	900	J			2.187	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	74.6	A			5.098	
000770-35-4	1-Phenoxypropan-2-ol	43.8	J			8.481	
	unknown10.016	77.9	J			10.016	
000779-02-2	Anthracene, 9-methyl-	47.3	J			11.933	
004701-17-1	5-Bromo-2-thiophenecarboxaldehyde	55.6	J			12.022	
000192-97-2	Benzo[e]pyrene	78.1	J			15.392	

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	COMP-5	SDG No.:	BF082724
Lab Sample ID:	P3737-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139196.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	310	380	ug/Kg
110-86-1	Pyridine	92.2	U	92.2	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	95.6	U	95.6	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	96.6	U	96.6	150	200	ug/Kg
95-57-8	2-Chlorophenol	96.3	U	96.3	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	97.6	U	97.6	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	99.2	U	99.2	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	99.8	U	99.8	150	200	ug/Kg
100-51-6	Benzyl Alcohol	95.7	U	95.7	310	380	ug/Kg
95-48-7	2-Methylphenol	93	U	93	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	92.1	U	92.1	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.5	U	46.5	92.3	92.3	ug/Kg
67-72-1	Hexachloroethane	95.7	U	95.7	150	200	ug/Kg
98-95-3	Nitrobenzene	100	U	100	150	200	ug/Kg
78-59-1	Isophorone	97.6	U	97.6	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	99	U	99	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	87.1	U	87.1	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	98.5	U	98.5	150	200	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	95.3	U	95.3	150	200	ug/Kg
106-47-8	4-Chloroaniline	95.3	U	95.3	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	96.1	U	96.1	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	COMP-5	SDG No.:	BF082724
Lab Sample ID:	P3737-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139196.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89.4	U	89.4	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	95.2	U	95.2	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82.4	U	82.4	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	85.4	U	85.4	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	96.1	U	96.1	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	94.2	U	94.2	150	200	ug/Kg
208-96-8	Acenaphthylene	99.8	U	99.8	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	96	U	96	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	93.6	U	93.6	150	200	ug/Kg
Total PAH	Total PAH	14940	U	1531.4	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	97.4	U	97.4	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.4	U	99.4	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	95.4	U	195.4	150	400	ug/Kg
84-66-2	Diethylphthalate	92.4	U	92.4	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	98.7	U	98.7	150	200	ug/Kg
86-73-7	Fluorene	98.6	U	98.6	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	94.1	U	94.1	150	200	ug/Kg
103-33-3	Azobenzene	91.8	U	91.8	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91	U	91	150	200	ug/Kg
118-74-1	Hexachlorobenzene	98.1	U	98.1	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	COMP-5	SDG No.:	BF082724
Lab Sample ID:	P3737-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139196.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	89.2	U	89.2	310	380	ug/Kg
85-01-8	Phenanthrene	1500		96.9	150	200	ug/Kg
120-12-7	Anthracene	290		97.4	150	200	ug/Kg
86-74-8	Carbazole	120	J	92.6	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	97.2	U	97.2	150	200	ug/Kg
206-44-0	Fluoranthene	2900		94.2	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	1800		95.7	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	1500		93.1	150	200	ug/Kg
218-01-9	Chrysene	1300		91.7	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	510		100	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		93.6	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	690		95.3	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	1500		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	600		90.1	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	200		93.7	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	660		92.4	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	86.2	U	86.2	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	96	U	96	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	77.045		18-112		51	SPK: -150
13127-88-3	Phenol-d6	73.731		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	57.467		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	53.628		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	COMP-5	SDG No.:	BF082724
Lab Sample ID:	P3737-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139196.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	68.99		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	43.234		10-105		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	82170	6.892				
1146-65-2	Naphthalene-d8	298412	8.175				
15067-26-2	Acenaphthene-d10	147412	9.922				
1517-22-2	Phenanthrene-d10	208987	11.41				
1719-03-5	Chrysene-d12	163494	14.051				
1520-96-3	Perylene-d12	122691	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2400	J			2.169	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A			5.098	
000770-35-4	1-Phenoxypropan-2-ol	130	J			8.481	
	unknown10.022	3000	J			10.022	
000486-25-9	9H-Fluoren-9-one	110	J			11.21	
000613-12-7	Anthracene, 2-methyl-	170	J			11.91	
004505-48-0	1H-Indene, 2-phenyl-	490	J			11.933	
000832-69-9	Phenanthrene, 1-methyl-	110	J			11.98	
000203-64-5	4H-Cyclopenta[def]phenanthrene	470	J			12.022	
000612-94-2	Naphthalene, 2-phenyl-	160	J			12.204	
003674-66-6	Phenanthrene, 2,5-dimethyl-	160	J			12.457	
	unknown12.504	170	J			12.504	
005737-13-3	Cyclopenta(def)phenanthrenone	170	J			12.545	
002381-21-7	Pyrene, 1-methyl-	120	J			13.174	
000301-02-0	9-Octadecenamide, (Z)-	120	J			13.474	
000479-79-8	11H-Benzo[a]fluoren-11-one	120	J			13.892	
028504-24-7	3-Hydroxy-1-methoxyanthraquinone	210	J			14.91	
000192-97-2	Benzo[e]pyrene	240	J			15.198	
000198-55-0	Perylene	940	J			15.398	

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	COMP-5	SDG No.:	BF082724
Lab Sample ID:	P3737-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139196.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000215-58-7	Benzo[b]triphenylene	100	J			17.18	

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-1	SDG No.:	BF082724
Lab Sample ID:	P3732-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139197.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96.1	U	96.1	300	370	ug/Kg
110-86-1	Pyridine	88.4	U	88.4	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	91.8	U	91.8	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	92.6	U	92.6	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.4	U	92.4	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93.6	U	93.6	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95.2	U	95.2	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	95.7	U	95.7	140	190	ug/Kg
100-51-6	Benzyl Alcohol	91.9	U	91.9	300	370	ug/Kg
95-48-7	2-Methylphenol	89.2	U	89.2	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96.2	U	96.2	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.3	U	88.3	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.6	U	44.6	88.5	88.5	ug/Kg
67-72-1	Hexachloroethane	91.9	U	91.9	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	93.6	U	93.6	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95	U	95	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.6	U	83.6	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.5	U	94.5	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	91.4	U	91.4	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.4	U	91.4	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.2	U	92.2	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-1	SDG No.:	BF082724
Lab Sample ID:	P3732-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139197.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	96.1	U	96.1	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85.8	U	85.8	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.3	U	91.3	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79	U	79	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	81.9	U	81.9	140	190	ug/Kg
92-52-4	1,1-Biphenyl	96.7	U	96.7	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.2	U	92.2	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.4	U	90.4	140	190	ug/Kg
208-96-8	Acenaphthylene	95.7	U	95.7	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.1	U	92.1	140	190	ug/Kg
99-09-2	3-Nitroaniline	98.7	U	98.7	140	190	ug/Kg
83-32-9	Acenaphthene	89.8	U	89.8	140	190	ug/Kg
Total PAH	Total PAH	5000	U	1463.7	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	93.4	U	93.4	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.4	U	95.4	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	87.5	U	187.5	140	380	ug/Kg
84-66-2	Diethylphthalate	88.7	U	88.7	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	94.7	U	94.7	140	190	ug/Kg
86-73-7	Fluorene	94.6	U	94.6	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.3	U	90.3	140	190	ug/Kg
103-33-3	Azobenzene	88.1	U	88.1	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.3	U	87.3	140	190	ug/Kg
118-74-1	Hexachlorobenzene	94.1	U	94.1	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-1	SDG No.:	BF082724
Lab Sample ID:	P3732-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139197.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.6	U	85.6	300	370	ug/Kg
85-01-8	Phenanthrene	230		93	140	190	ug/Kg
120-12-7	Anthracene	93.4	U	93.4	140	190	ug/Kg
86-74-8	Carbazole	88.9	U	88.9	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.3	U	93.3	140	190	ug/Kg
206-44-0	Fluoranthene	790		90.4	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	550		91.9	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	470		89.3	140	190	ug/Kg
218-01-9	Chrysene	470		88	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	850		89.8	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	360		91.4	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	670		100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	290		86.4	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	89.9	U	89.9	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320		88.7	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.1	U	96.1	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.7	U	82.7	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.1	U	92.1	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.893		18-112		53	SPK: -150
13127-88-3	Phenol-d6	76.262		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	60.923		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	54.427		20-109		54	SPK: -100

Report of Analysis

Client:		Date Collected:	8/23/2024 12:00:00 AM
Project:		Date Received:	8/23/2024 12:00:00 AM
Client Sample ID:	UI-1	SDG No.:	BF082724
Lab Sample ID:	P3732-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.8
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF139197.D	1	8/27/2024 12:00:00 AM	8/27/2024 12:00:00 AM	PB163019

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.083		10-116		46	SPK: -150
1718-51-0	Terphenyl-d14	40.945		10-105		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87110	6.892				
1146-65-2	Naphthalene-d8	309814	8.175				
15067-26-2	Acenaphthene-d10	157195	9.922				
1517-22-2	Phenanthrene-d10	221006	11.41				
1719-03-5	Chrysene-d12	175476	14.045				
1520-96-3	Perylene-d12	128947	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2200	J			2.181	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.104	
000770-35-4	1-Phenoxypropan-2-ol	84.5	J			8.481	
	unknown10.022	1000	J			10.022	
000057-10-3	n-Hexadecanoic acid	100	J			11.933	
000203-64-5	4H-Cyclopenta[def]phenanthrene	120	J			12.022	
002381-21-7	Pyrene, 1-methyl-	81.5	J			13.069	
033543-31-6	Fluoranthene, 2-methyl-	110	J			13.174	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	73.8	J			13.792	
000112-88-9	1-Octadecene	100	J			13.892	
000192-97-2	Benzo[e]pyrene	130	J			15.198	
000205-82-3	Benzo[i]fluoranthene	420	J			15.392	

Hit Summary Sheet SW-846

SDG No.: BF082724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TP-1								
P3717-01	TP-1	Solid	1-Phenoxypropan-2-ol	*	63.700	J		
P3717-01	TP-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	95.700	A		
P3717-01	TP-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P3717-01	TP-1	Solid	Heptadecane, 9-octyl-	*	42.600	J		
P3717-01	TP-1	Solid	n-Hexadecanoic acid	*	160.000	J		
P3717-01	TP-1	Solid	Octadecanoic acid	*	77.300	J		
P3717-01	TP-1	Solid	Pentadecafluorooctanoic acid, oct-	*	110.000	J		
P3717-01	TP-1	Solid	unknown3.387	*	65.000	J		
Total Tics :					2,114.30			
Total Concentration:					2,114.30			
Client ID : TP-2								
P3717-03	TP-2	Solid	(S)-(+)-1,2-Propanediol	*	47.100	J		
P3717-03	TP-2	Solid	.gamma.-Muurolene	*	160.000	J		
P3717-03	TP-2	Solid	1-Isopropyl-4,7-dimethyl-1,2,3,5,6	*	84.400	J		
P3717-03	TP-2	Solid	1-Phenoxypropan-2-ol	*	58.600	J		
P3717-03	TP-2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	85.700	A		
P3717-03	TP-2	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P3717-03	TP-2	Solid	Caryophyllene	*	77.100	J		
P3717-03	TP-2	Solid	cis-Vaccenic acid	*	59.000	J		
P3717-03	TP-2	Solid	Cyclohexane, 1-ethenyl-1-methyl-	*	56.700	J		
P3717-03	TP-2	Solid	n-Hexadecanoic acid	*	180.000	J		
P3717-03	TP-2	Solid	Naphthalene, decahydro-4a-methy	*	250.000	J		
P3717-03	TP-2	Solid	Neointermedeol	*	130.000	J		
P3717-03	TP-2	Solid	Octadecanoic acid	*	61.500	J		
P3717-03	TP-2	Solid	Pentadecafluorooctanoic acid, oct-	*	76.300	J		
P3717-03	TP-2	Solid	Tetradecane	*	44.200	J		
P3717-03	TP-2	Solid	unknown10.598	*	73.600	J		
Total Tics :					2,844.20			
Total Concentration:					2,844.20			
Client ID : TP-3								
P3717-05	TP-3	Solid	(S)-(+)-1,2-Propanediol	*	42.700	J		
P3717-05	TP-3	Solid	1-Phenoxypropan-2-ol	*	43.300	J		
P3717-05	TP-3	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	80.100	A		
P3717-05	TP-3	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P3717-05	TP-3	Solid	n-Hexadecanoic acid	*	190.000	J		
P3717-05	TP-3	Solid	Octadecanoic acid	*	86.000	J		

Hit Summary Sheet SW-846

SDG No.: BF082724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3717-05	TP-3	Solid	Pentadecafluorooctanoic acid, oct: *	80.500	J			
Total Tics :						1,922.60		
Total Concentration:						1,922.60		
Client ID : TP-4								
P3717-07	TP-4	Solid	1-Phenoxypropan-2-ol *	56.500	J			
P3717-07	TP-4	Solid	2-Pentanone, 4-hydroxy-4-methyl *	92.100	A			
P3717-07	TP-4	Solid	Butane, 2-methoxy-2-methyl- *	1,700.000	J			
P3717-07	TP-4	Solid	n-Hexadecanoic acid *	200.000	J			
P3717-07	TP-4	Solid	Octadecanoic acid *	89.000	J			
P3717-07	TP-4	Solid	Trichloroacetic acid, hexadecyl es *	100.000	J			
P3717-07	TP-4	Solid	unknown3.381 *	50.700	J			
Total Tics :						2,288.30		
Total Concentration:						2,288.30		
Client ID : TP-5								
P3717-09	TP-5	Solid	2-Pentanone, 4-hydroxy-4-methyl *	73.200	A			
P3717-09	TP-5	Solid	Butane, 2-methoxy-2-methyl- *	1,000.000	J			
P3717-09	TP-5	Solid	Oxalic acid, cyclobutyl heptadecy *	43.400	J			
Total Tics :						1,116.60		
Total Concentration:						1,116.60		
Client ID : TP-6								
P3717-11	TP-6	Solid	2-Pentanone, 4-hydroxy-4-methyl *	69.200	A			
P3717-11	TP-6	Solid	4a,8-Dimethyl-2-(prop-1-en-2-yl)- *	52.600	J			
P3717-11	TP-6	Solid	Butane, 2-methoxy-2-methyl- *	1,000.000	J			
P3717-11	TP-6	Solid	n-Hexadecanoic acid *	100.000	J			
P3717-11	TP-6	Solid	Pentadecafluorooctanoic acid, oct: *	71.400	J			
P3717-11	TP-6	Solid	Spiro[5.5]undec-2-ene, 3,7,7-trim *	82.000	J			
P3717-11	TP-6	Solid	unknown17.627 *	60.600	J			
P3717-11	TP-6	Solid	unknown18.192 *	51.300	J			
Total Tics :						1,487.10		
Total Concentration:						1,487.10		
Client ID : UI-1								
P3732-01	UI-1	Solid	1-Octadecene *	100.000	J			
P3732-01	UI-1	Solid	1-Phenoxypropan-2-ol *	84.500	J			
P3732-01	UI-1	Solid	2-Pentanone, 4-hydroxy-4-methyl *	140.000	A			
P3732-01	UI-1	Solid	4H-Cyclopenta[def]phenanthrene *	120.000	J			
P3732-01	UI-1	Solid	Benzo[b]naphtho[2,1-d]thiophene *	73.800	J			
P3732-01	UI-1	Solid	Benzo[e]pyrene *	130.000	J			
P3732-01	UI-1	Solid	Benzo[j]fluoranthene *	420.000	J			
P3732-01	UI-1	Solid	Butane, 2-methoxy-2-methyl- *	2,200.000	J			

Hit Summary Sheet
SW-846

SDG No.: BF082724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3732-01	UI-1	Solid	Fluoranthene, 2-methyl-	*	110.000	J		
P3732-01	UI-1	Solid	n-Hexadecanoic acid	*	100.000	J		
P3732-01	UI-1	Solid	Pyrene, 1-methyl-	*	81.500	J		
P3732-01	UI-1	Solid	unknown10.022	*	1,000.000	J		
Total Tics :					4,559.80			
P3732-01	UI-1	Solid	Benzo(a)anthracene		470.000	89.3	190	ug/Kg
P3732-01	UI-1	Solid	Benzo(a)pyrene		670.000	100	190	ug/Kg
P3732-01	UI-1	Solid	Benzo(b)fluoranthene		850.000	89.8	190	ug/Kg
P3732-01	UI-1	Solid	Benzo(g,h,i)perylene		320.000	88.7	190	ug/Kg
P3732-01	UI-1	Solid	Benzo(k)fluoranthene		360.000	91.4	190	ug/Kg
P3732-01	UI-1	Solid	Chrysene		470.000	88	190	ug/Kg
P3732-01	UI-1	Solid	Fluoranthene		790.000	90.4	190	ug/Kg
P3732-01	UI-1	Solid	Indeno(1,2,3-cd)pyrene		290.000	86.4	190	ug/Kg
P3732-01	UI-1	Solid	Phenanthrene		230.000	93	190	ug/Kg
P3732-01	UI-1	Solid	Pyrene		550.000	91.9	190	ug/Kg
Total Svoc :					5,000.00			
Total Concentration:					9,559.80			
Client ID : UI-5								
P3732-02	UI-5	Solid	1-Phenoxypropan-2-ol	*	170.000	J		
P3732-02	UI-5	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	250.000	A		
P3732-02	UI-5	Solid	Butane, 2-methoxy-2-methyl-	*	3,300.000	J		
P3732-02	UI-5	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	110.000	J		
P3732-02	UI-5	Solid	n-Hexadecanoic acid	*	100.000	J		
P3732-02	UI-5	Solid	Pentadecafluorooctanoic acid, oct	*	190.000	J		
P3732-02	UI-5	Solid	unknown10.022	*	550.000	J		
P3732-02	UI-5	Solid	unknown3.387	*	160.000	J		
Total Tics :					4,830.00			
Total Concentration:					4,830.00			
Client ID : UI-3								
P3732-03	UI-3	Solid	(S)-(+)-1,2-Propanediol	*	180.000	J		
P3732-03	UI-3	Solid	1-Phenoxypropan-2-ol	*	160.000	J		
P3732-03	UI-3	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	180.000	A		
P3732-03	UI-3	Solid	Benzo[j]fluoranthene	*	90.500	J		
P3732-03	UI-3	Solid	Butane, 2-methoxy-2-methyl-	*	2,500.000	J		
P3732-03	UI-3	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	110.000	J		
P3732-03	UI-3	Solid	Heptafluorobutyric acid, hexadecy	*	110.000	J		
P3732-03	UI-3	Solid	n-Hexadecanoic acid	*	120.000	J		
P3732-03	UI-3	Solid	unknown10.022	*	690.000	J		
Total Tics :					4,140.50			
P3732-03	UI-3	Solid	Benzo(a)anthracene		140.000	J 87.7	180	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF082724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3732-03	UI-3	Solid	Benzo(a)pyrene	140.000	J	100	180	ug/Kg
P3732-03	UI-3	Solid	Benzo(b)fluoranthene	200.000		88.1	180	ug/Kg
P3732-03	UI-3	Solid	Chrysene	150.000	J	86.4	180	ug/Kg
P3732-03	UI-3	Solid	Fluoranthene	290.000		88.8	180	ug/Kg
P3732-03	UI-3	Solid	Phenanthrene	170.000	J	91.3	180	ug/Kg
P3732-03	UI-3	Solid	Pyrene	190.000		90.2	180	ug/Kg
Total Svoc :				1,280.00				
Total Concentration:				5,420.50				

Client ID : WC-13

P3735-07	WC-13	Solid	(S)-(+)-1,2-Propanediol	*	99.000	J		
P3735-07	WC-13	Solid	1-Phenoxypropan-2-ol	*	84.900	J		
P3735-07	WC-13	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	130.000	A		
P3735-07	WC-13	Solid	9-Octadecenamide, (Z)-	*	77.600	J		
P3735-07	WC-13	Solid	Benzo[e]pyrene	*	64.400	J		
P3735-07	WC-13	Solid	Butane, 2-methoxy-2-methyl-	*	1,400.000	J		
P3735-07	WC-13	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	67.200	J		
P3735-07	WC-13	Solid	Heptadecyl heptafluorobutyrate	*	81.700	J		
P3735-07	WC-13	Solid	n-Hexadecanoic acid	*	77.000	J		
P3735-07	WC-13	Solid	unknown10.016	*	130.000	J		
Total Tics :				2,211.80				
Total Concentration:				2,211.80				

Client ID : WC-16

P3735-13	WC-16	Solid	1-Phenoxypropan-2-ol	*	43.800	J		
P3735-13	WC-16	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	74.600	A		
P3735-13	WC-16	Solid	5-Bromo-2-thiophenecarboxaldeh	*	55.600	J		
P3735-13	WC-16	Solid	Anthracene, 9-methyl-	*	47.300	J		
P3735-13	WC-16	Solid	Benzo[e]pyrene	*	78.100	J		
P3735-13	WC-16	Solid	Butane, 2-methoxy-2-methyl-	*	900.000	J		
P3735-13	WC-16	Solid	unknown10.016	*	77.900	J		
Total Tics :				1,277.30				
P3735-13	WC-16	Solid	Benzo(a)anthracene		130.000	52.5	110	ug/Kg
P3735-13	WC-16	Solid	Benzo(a)pyrene		130.000	60.5	110	ug/Kg
P3735-13	WC-16	Solid	Benzo(b)fluoranthene		160.000	52.8	110	ug/Kg
P3735-13	WC-16	Solid	Benzo(g,h,i)perylene		63.800	J 52.1	110	ug/Kg
P3735-13	WC-16	Solid	Benzo(k)fluoranthene		56.700	J 53.8	110	ug/Kg
P3735-13	WC-16	Solid	Chrysene		120.000	51.8	110	ug/Kg
P3735-13	WC-16	Solid	Fluoranthene		230.000	53.2	110	ug/Kg
P3735-13	WC-16	Solid	Phenanthrene		180.000	54.7	110	ug/Kg
P3735-13	WC-16	Solid	Pyrene		150.000	54	110	ug/Kg
Total Svoc :				1,220.50				

Hit Summary Sheet
SW-846

SDG No.: BF082724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				2,497.80				
Client ID : COMP-5								
P3737-05	COMP-5	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P3737-05	COMP-5	Solid	11H-Benzo[a]fluoren-11-one	*	120.000	J		
P3737-05	COMP-5	Solid	1H-Indene, 2-phenyl-	*	490.000	J		
P3737-05	COMP-5	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A		
P3737-05	COMP-5	Solid	3-Hydroxy-1-methoxyanthraquinc	*	210.000	J		
P3737-05	COMP-5	Solid	4H-Cyclopenta[def]phenanthrene	*	470.000	J		
P3737-05	COMP-5	Solid	9-Octadecenamide, (Z)-	*	120.000	J		
P3737-05	COMP-5	Solid	9H-Fluoren-9-one	*	110.000	J		
P3737-05	COMP-5	Solid	Anthracene, 2-methyl-	*	170.000	J		
P3737-05	COMP-5	Solid	Benzo[b]triphenylene	*	100.000	J		
P3737-05	COMP-5	Solid	Benzo[e]pyrene	*	240.000	J		
P3737-05	COMP-5	Solid	Butane, 2-methoxy-2-methyl-	*	2,400.000	J		
P3737-05	COMP-5	Solid	Cyclopenta(def)phenanthrenone	*	170.000	J		
P3737-05	COMP-5	Solid	Naphthalene, 2-phenyl-	*	160.000	J		
P3737-05	COMP-5	Solid	Perylene	*	940.000	J		
P3737-05	COMP-5	Solid	Phenanthrene, 1-methyl-	*	110.000	J		
P3737-05	COMP-5	Solid	Phenanthrene, 2,5-dimethyl-	*	160.000	J		
P3737-05	COMP-5	Solid	Pyrene, 1-methyl-	*	120.000	J		
P3737-05	COMP-5	Solid	unknown10.022	*	3,000.000	J		
P3737-05	COMP-5	Solid	unknown12.504	*	170.000	J		
Total Tics :				9,540.00				
P3737-05	COMP-5	Solid	Anthracene		290.000		97.4	200 ug/Kg
P3737-05	COMP-5	Solid	Benzo(a)anthracene		1,500.000		93.1	200 ug/Kg
P3737-05	COMP-5	Solid	Benzo(a)pyrene		1,500.000		110	200 ug/Kg
P3737-05	COMP-5	Solid	Benzo(b)fluoranthene		2,000.000		93.6	200 ug/Kg
P3737-05	COMP-5	Solid	Benzo(g,h,i)perylene		660.000		92.4	200 ug/Kg
P3737-05	COMP-5	Solid	Benzo(k)fluoranthene		690.000		95.3	200 ug/Kg
P3737-05	COMP-5	Solid	Bis(2-ethylhexyl)phthalate		510.000		100	200 ug/Kg
P3737-05	COMP-5	Solid	Carbazole		120.000	J	92.6	200 ug/Kg
P3737-05	COMP-5	Solid	Chrysene		1,300.000		91.7	200 ug/Kg
P3737-05	COMP-5	Solid	Dibenzo(a,h)anthracene		200.000		93.7	200 ug/Kg
P3737-05	COMP-5	Solid	Fluoranthene		2,900.000		94.2	200 ug/Kg
P3737-05	COMP-5	Solid	Indeno(1,2,3-cd)pyrene		600.000		90.1	200 ug/Kg
P3737-05	COMP-5	Solid	Phenanthrene		1,500.000		96.9	200 ug/Kg
P3737-05	COMP-5	Solid	Pyrene		1,800.000		95.7	200 ug/Kg
Total Svoc :				15,570.00				
Total Concentration:				25,110.00				

Hit Summary Sheet SW-846

SDG No.: BF082724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-4								
P3739-01	WC-4	Solid	1-Phenoxypropan-2-ol	*	83.000	J		
P3739-01	WC-4	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	110.000	A		
P3739-01	WC-4	Solid	Butane, 2-methoxy-2-methyl-	*	2,000.000	J		
P3739-01	WC-4	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	70.700	J		
P3739-01	WC-4	Solid	Heptadecyl heptafluorobutyrate	*	94.000	J		
P3739-01	WC-4	Solid	n-Hexadecanoic acid	*	330.000	J		
P3739-01	WC-4	Solid	Octadecanoic acid	*	96.700	J		
P3739-01	WC-4	Solid	Propylene Glycol	*	170.000	J		
P3739-01	WC-4	Solid	unknown10.022	*	1,700.000	J		
Total Tics :					4,654.40			
P3739-01	WC-4	Solid	Benzo(a)anthracene		71.100	J	59.2	120 ug/Kg
P3739-01	WC-4	Solid	Benzo(b)fluoranthene		83.100	J	59.5	120 ug/Kg
P3739-01	WC-4	Solid	Chrysene		70.000	J	58.4	120 ug/Kg
P3739-01	WC-4	Solid	Fluoranthene		110.000	J	60	120 ug/Kg
P3739-01	WC-4	Solid	Phenanthrene		77.400	J	61.7	120 ug/Kg
P3739-01	WC-4	Solid	Pyrene		85.400	J	60.9	120 ug/Kg
Total Svoc :					497.00			
Total Concentration:					5,151.40			
Client ID : WC-1								
P3739-05	WC-1	Solid	(S)-(+)-1,2-Propanediol	*	89.700	J		
P3739-05	WC-1	Solid	1-Phenoxypropan-2-ol	*	78.500	J		
P3739-05	WC-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	96.600	A		
P3739-05	WC-1	Solid	Anthracene, 2-methyl-	*	81.300	J		
P3739-05	WC-1	Solid	Benzo[e]pyrene	*	52.000	J		
P3739-05	WC-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P3739-05	WC-1	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	60.800	J		
P3739-05	WC-1	Solid	Octadecanamide	*	94.400	J		
P3739-05	WC-1	Solid	Perylene	*	120.000	J		
P3739-05	WC-1	Solid	Trichloroacetic acid, hexadecyl es	*	56.000	J		
P3739-05	WC-1	Solid	unknown10.022	*	1,400.000	J		
Total Tics :					3,729.30			
P3739-05	WC-1	Solid	Benzo(a)anthracene		170.000		57.7	120 ug/Kg
P3739-05	WC-1	Solid	Benzo(a)pyrene		190.000		66.5	120 ug/Kg
P3739-05	WC-1	Solid	Benzo(b)fluoranthene		240.000		58	120 ug/Kg
P3739-05	WC-1	Solid	Benzo(g,h,i)perylene		75.600	J	57.3	120 ug/Kg
P3739-05	WC-1	Solid	Benzo(k)fluoranthene		83.100	J	59.1	120 ug/Kg
P3739-05	WC-1	Solid	Chrysene		160.000		56.9	120 ug/Kg
P3739-05	WC-1	Solid	Fluoranthene		290.000		58.4	120 ug/Kg
P3739-05	WC-1	Solid	Indeno(1,2,3-cd)pyrene		67.000	J	55.9	120 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF082724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3739-05	WC-1	Solid	Phenanthrene	160.000	60.1		120	ug/Kg
P3739-05	WC-1	Solid	Pyrene	200.000	59.4		120	ug/Kg
Total Svoc :				1,635.70				
Total Concentration:				5,365.00				
Client ID : ICVBF082724								
SSTDICV040	ICVBF082724	Water	1,1-Biphenyl	41,000.000	910		5000	ug/L
SSTDICV040	ICVBF082724	Water	1,2,4,5-Tetrachlorobenzene	41,200.000	1100		5000	ug/L
SSTDICV040	ICVBF082724	Water	1,2,4-Trichlorobenzene	40,700.000	1100		5000	ug/L
SSTDICV040	ICVBF082724	Water	1,2-Dichlorobenzene	40,400.000	880		5000	ug/L
SSTDICV040	ICVBF082724	Water	1,3-Dichlorobenzene	40,600.000	800		5000	ug/L
SSTDICV040	ICVBF082724	Water	1,4-Dichlorobenzene	40,300.000	840		5000	ug/L
SSTDICV040	ICVBF082724	Water	1,4-Dioxane	40,100.000	1300		5000	ug/L
SSTDICV040	ICVBF082724	Water	1-Methylnaphthalene	40,700.000	860		5000	ug/L
SSTDICV040	ICVBF082724	Water	2,2-oxybis(1-Chloropropane)	40,100.000	1400		5000	ug/L
SSTDICV040	ICVBF082724	Water	2,3,4,6-Tetrachlorophenol	47,700.000	790		5000	ug/L
SSTDICV040	ICVBF082724	Water	2,4,5-Trichlorophenol	47,600.000	1000		5000	ug/L
SSTDICV040	ICVBF082724	Water	2,4,6-Trichlorophenol	48,300.000	890		5000	ug/L
SSTDICV040	ICVBF082724	Water	2,4-Dichlorophenol	46,600.000	880		5000	ug/L
SSTDICV040	ICVBF082724	Water	2,4-Dimethylphenol	44,400.000	1500		5000	ug/L
SSTDICV040	ICVBF082724	Water	2,4-Dinitrophenol	50,600.000	6400		10000	ug/L
SSTDICV040	ICVBF082724	Water	2,4-Dinitrotoluene	46,500.000	1500		5000	ug/L
SSTDICV040	ICVBF082724	Water	2,6-Dinitrotoluene	46,900.000	1200		5000	ug/L
SSTDICV040	ICVBF082724	Water	2-Chloronaphthalene	40,600.000	970		5000	ug/L
SSTDICV040	ICVBF082724	Water	2-Chlorophenol	45,200.000	710		5000	ug/L
SSTDICV040	ICVBF082724	Water	2-Methylnaphthalene	40,900.000	1100		5000	ug/L
SSTDICV040	ICVBF082724	Water	2-Methylphenol	41,900.000	1100		5000	ug/L
SSTDICV040	ICVBF082724	Water	2-Nitroaniline	46,400.000	1400		5000	ug/L
SSTDICV040	ICVBF082724	Water	2-Nitrophenol	49,900.000	2000		5000	ug/L
SSTDICV040	ICVBF082724	Water	3+4-Methylphenols	42,600.000	1200		10000	ug/L
SSTDICV040	ICVBF082724	Water	3,3-Dichlorobenzidine	47,400.000	1300		10000	ug/L
SSTDICV040	ICVBF082724	Water	3-Nitroaniline	46,100.000	1400		5000	ug/L
SSTDICV040	ICVBF082724	Water	4,6-Dinitro-2-methylphenol	50,800.000	3100		10000	ug/L
SSTDICV040	ICVBF082724	Water	4-Bromophenyl-phenylether	41,800.000	950		5000	ug/L
SSTDICV040	ICVBF082724	Water	4-Chloro-3-methylphenol	44,200.000	840		5000	ug/L
SSTDICV040	ICVBF082724	Water	4-Chloroaniline	41,200.000	1300		5000	ug/L
SSTDICV040	ICVBF082724	Water	4-Chlorophenyl-phenylether	40,700.000	980		5000	ug/L
SSTDICV040	ICVBF082724	Water	4-Nitroaniline	44,800.000	2000		5000	ug/L
SSTDICV040	ICVBF082724	Water	4-Nitrophenol	45,900.000	2000		10000	ug/L
SSTDICV040	ICVBF082724	Water	Acenaphthene	41,500.000	810		5000	ug/L
SSTDICV040	ICVBF082724	Water	Acenaphthylene	41,400.000	1000		5000	ug/L

Hit Summary Sheet
SW-846

SDG No.: BF082724

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDICV040	ICVBF082724	Water	Acetophenone	40,600.000		1100	5000	ug/L
SSTDICV040	ICVBF082724	Water	Aniline	41,600.000		1600	5000	ug/L
SSTDICV040	ICVBF082724	Water	Anthracene	41,200.000		1100	5000	ug/L
SSTDICV040	ICVBF082724	Water	Atrazine	43,400.000		1300	5000	ug/L
SSTDICV040	ICVBF082724	Water	Azobenzene	40,900.000		1200	5000	ug/L
SSTDICV040	ICVBF082724	Water	Benzaldehyde	41,500.000		4000	10000	ug/L
SSTDICV040	ICVBF082724	Water	Benzidine	49,000.000		4100	10000	ug/L
SSTDICV040	ICVBF082724	Water	Benzo(a)anthracene	41,600.000		940	5000	ug/L
SSTDICV040	ICVBF082724	Water	Benzo(a)pyrene	42,300.000		1700	5000	ug/L
SSTDICV040	ICVBF082724	Water	Benzo(b)fluoranthene	40,400.000		1100	5000	ug/L
SSTDICV040	ICVBF082724	Water	Benzo(g,h,i)perylene	41,900.000		1200	5000	ug/L
SSTDICV040	ICVBF082724	Water	Benzo(k)fluoranthene	41,600.000		1200	5000	ug/L
SSTDICV040	ICVBF082724	Water	Benzoic acid	47,500.000		5500	10000	ug/L
SSTDICV040	ICVBF082724	Water	Benzyl Alcohol	43,900.000		1600	10000	ug/L
SSTDICV040	ICVBF082724	Water	bis(2-Chloroethoxy)methane	41,100.000		1000	5000	ug/L
SSTDICV040	ICVBF082724	Water	bis(2-Chloroethyl)ether	40,400.000		1200	5000	ug/L
SSTDICV040	ICVBF082724	Water	Bis(2-ethylhexyl)phthalate	44,100.000		1900	5000	ug/L
SSTDICV040	ICVBF082724	Water	Butylbenzylphthalate	44,600.000		2100	5000	ug/L
SSTDICV040	ICVBF082724	Water	Caprolactam	45,100.000		1700	10000	ug/L
SSTDICV040	ICVBF082724	Water	Carbazole	41,100.000		1200	5000	ug/L
SSTDICV040	ICVBF082724	Water	Chrysene	42,500.000		860	5000	ug/L
SSTDICV040	ICVBF082724	Water	Di-n-butylphthalate	46,900.000		1500	5000	ug/L
SSTDICV040	ICVBF082724	Water	Di-n-octyl phthalate	42,400.000		2500	10000	ug/L
SSTDICV040	ICVBF082724	Water	Dibenzo(a,h)anthracene	42,300.000		1200	5000	ug/L
SSTDICV040	ICVBF082724	Water	Dibenzofuran	41,000.000		930	5000	ug/L
SSTDICV040	ICVBF082724	Water	Diethylphthalate	43,600.000		1000	5000	ug/L
SSTDICV040	ICVBF082724	Water	Dimethylphthalate	43,600.000		930	5000	ug/L
SSTDICV040	ICVBF082724	Water	Fluoranthene	40,300.000		1300	5000	ug/L
SSTDICV040	ICVBF082724	Water	Fluorene	40,700.000		960	5000	ug/L
SSTDICV040	ICVBF082724	Water	Hexachlorobenzene	41,500.000		1100	5000	ug/L
SSTDICV040	ICVBF082724	Water	Hexachlorobutadiene	41,000.000		1300	5000	ug/L
SSTDICV040	ICVBF082724	Water	Hexachlorocyclopentadiene	45,300.000		5000	10000	ug/L
SSTDICV040	ICVBF082724	Water	Hexachloroethane	44,200.000		1000	5000	ug/L
SSTDICV040	ICVBF082724	Water	Indeno(1,2,3-cd)pyrene	42,000.000		1000	5000	ug/L
SSTDICV040	ICVBF082724	Water	Isophorone	41,200.000		1100	5000	ug/L
SSTDICV040	ICVBF082724	Water	n-Nitroso-di-n-propylamine	42,400.000		1500	2500	ug/L
SSTDICV040	ICVBF082724	Water	n-Nitrosodimethylamine	41,600.000		1000	10000	ug/L
SSTDICV040	ICVBF082724	Water	n-Nitrosodiphenylamine	41,200.000		890	5000	ug/L
SSTDICV040	ICVBF082724	Water	Naphthalene	41,100.000		1000	5000	ug/L
SSTDICV040	ICVBF082724	Water	Nitrobenzene	43,800.000		1300	5000	ug/L

Hit Summary Sheet
SW-846

SDG No.: BF082724

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SSTDICV040	ICVBF082724	Water	Pentachlorophenol	47,800.000		1900	10000	ug/L
SSTDICV040	ICVBF082724	Water	Phenanthrene	41,000.000		890	5000	ug/L
SSTDICV040	ICVBF082724	Water	Phenol	42,800.000		930	5000	ug/L
SSTDICV040	ICVBF082724	Water	Pyrene	43,500.000		1100	5000	ug/L
SSTDICV040	ICVBF082724	Water	Pyridine	40,900.000		1600	5000	ug/L
SSTDICV040	ICVBF082724	Water	2,4-Dinitrotoluene/2,6-Dinitrotolu	93,400.000		2700	10000	ug/L
SSTDICV040	ICVBF082724	Water	Total PAH	665,300.000		17360	80000	ug/L
Total Svoc :				4,214,100.00				
Total Concentration:				4,214,100.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF082724 SAS No.: BF082724 SDG No.: BF082724
Instrument ID: _____ Calibration Date(s): 8/26/2024 : _____
Calibration Time(s): 15:33 _____

LAB FILE ID:		RRF2.5 = BF139164.D			RRF005 = BF139165.D		RRF010 = BF139166.D	
		RRF020 = BF139167.D			RRF040 = BF139168.D		RRF050 = BF139169.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.853	0.785	0.824	0.825	0.791	0.814	2.9
Pyridine		1.563	1.438	1.528	1.404	1.328	1.399	8.9
2-Fluorophenol		1.076	1.155	1.254	1.242	1.198	1.190	5.1
Benzaldehyde		1.251	1.210	1.167	1.004	0.909	1.022	18.8
Aniline		1.598	1.527	1.596	1.550	1.464	1.531	4.1
Phenol-d6		1.662	1.627	1.710	1.661	1.594	1.633	3.0
Phenol		1.617	1.663	1.731	1.702	1.608	1.649	3.5
bis(2-Chloroethyl)ether		1.405	1.315	1.326	1.249	1.233	1.299	4.9
2-Chlorophenol		0.945	1.053	1.195	1.208	1.173	1.131	8.7
1,2-Dichlorobenzene		1.567	1.487	1.475	1.401	1.317	1.408	7.6
1,3-Dichlorobenzene		1.647	1.527	1.546	1.497	1.418	1.491	6.3
1,4-Dichlorobenzene		1.666	1.547	1.537	1.486	1.420	1.496	6.5
Benzyl Alcohol		1.105	1.175	1.301	1.302	1.254	1.231	5.8
2-Methylphenol		1.028	1.012	1.089	1.041	1.013	1.031	2.8
2,2-oxybis(1-Chloropropane)		2.072	1.958	1.985	1.883	1.779	1.883	6.9
Acetophenone		0.543	0.534	0.532	0.526	0.488	0.514	5.0
3+4-Methylphenols		1.295	1.338	1.410	1.363	1.279	1.315	4.6
n-Nitroso-di-n-propylamine	0.877	0.988	1.008	1.046	1.013	0.958	0.977	5.3
Nitrobenzene-d5			0.241	0.328	0.390	0.385	0.361	18.3
Hexachloroethane		0.421	0.439	0.488	0.497	0.482	0.473	6.5
Nitrobenzene		0.204	0.279	0.368	0.427	0.411	0.365	24.6
Isophorone		0.729	0.709	0.733	0.739	0.685	0.714	2.9
2-Nitrophenol		0.040	0.056	0.083	0.116	0.126	0.102	42.3
2,4-Dimethylphenol		0.183	0.199	0.220	0.224	0.216	0.212	7.0
bis(2-Chloroethoxy)methane		0.424	0.418	0.432	0.428	0.395	0.413	4.0
2,4-Dichlorophenol		0.183	0.231	0.279	0.296	0.277	0.261	15.3
1,2,4-Trichlorobenzene		0.355	0.342	0.350	0.346	0.317	0.337	4.6
Benzoic acid			0.079	0.108	0.161	0.167	0.152	32.5
Naphthalene		1.094	1.045	1.066	1.049	0.966	1.023	5.3
4-Chloroaniline		0.358	0.352	0.371	0.361	0.341	0.352	3.5
Hexachlorobutadiene		0.224	0.222	0.226	0.229	0.209	0.219	3.9
Caprolactam			0.060	0.078	0.088	0.084	0.080	13.3
4-Chloro-3-methylphenol		0.251	0.289	0.310	0.325	0.302	0.300	8.1
2-Methylnaphthalene		0.675	0.664	0.676	0.662	0.600	0.641	5.6
Hexachlorocyclopentadiene			0.141	0.180	0.208	0.199	0.190	14.1
2,4,6-Trichlorophenol		0.211	0.275	0.343	0.390	0.358	0.332	19.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF082724 SAS No.: BF082724 SDG No.: BF082724
Instrument ID: _____ Calibration Date(s): 8/26/2024 : _____
Calibration Time(s): 15:33 _____

LAB FILE ID:		RRF2.5 = BF139164.D		RRF005 = BF139165.D		RRF010 = BF139166.D		
		RRF020 = BF139167.D		RRF040 = BF139168.D		RRF050 = BF139169.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.443	1.347	1.363	1.317	1.186	1.288	8.4
2,4,5-Trichlorophenol		0.232	0.289	0.368	0.400	0.377	0.348	18.1
1,1-Biphenyl		1.554	1.489	1.523	1.504	1.353	1.448	6.3
2-Chloronaphthalene		1.242	1.173	1.205	1.205	1.079	1.155	6.0
2-Nitroaniline		0.105	0.153	0.240	0.325	0.330	0.268	38.7
Dimethylphthalate		0.987	1.139	1.234	1.254	1.149	1.155	7.6
Acenaphthylene		1.709	1.642	1.709	1.701	1.541	1.627	5.3
2,6-Dinitrotoluene		0.070	0.120	0.183	0.248	0.240	0.197	38.5
3-Nitroaniline		0.087	0.140	0.194	0.253	0.251	0.207	33.6
Acenaphthene		1.114	1.075	1.102	1.112	1.014	1.069	4.1
2,4-Dinitrophenol			0.037	0.055	0.080	0.088	0.080	37.3
4-Nitrophenol			0.107	0.160	0.202	0.197	0.181	22.7
Dibenzofuran		1.674	1.614	1.647	1.612	1.465	1.560	6.5
2,4-Dinitrotoluene		0.085	0.132	0.217	0.301	0.307	0.244	41.4
Diethylphthalate		0.905	1.053	1.181	1.200	1.088	1.088	9.0
4-Chlorophenyl-phenylether		0.664	0.631	0.643	0.626	0.554	0.604	7.9
Fluorene		1.331	1.273	1.307	1.274	1.145	1.231	6.9
4-Nitroaniline		0.107	0.161	0.223	0.267	0.252	0.219	28.4
4,6-Dinitro-2-methylphenol			0.030	0.044	0.070	0.075	0.067	38.0
n-Nitrosodiphenylamine		0.623	0.598	0.606	0.612	0.557	0.592	4.0
Azobenzene		1.369	1.329	1.379	1.389	1.262	1.323	4.6
2,4,6-Tribromophenol			0.128	0.164	0.187	0.177	0.171	13.5
4-Bromophenyl-phenylether		0.226	0.211	0.217	0.218	0.202	0.213	3.9
Hexachlorobenzene		0.244	0.231	0.233	0.237	0.216	0.230	3.9
Atrazine		0.113	0.147	0.154	0.139	0.126	0.129	14.2
Pentachlorophenol			0.096	0.124	0.146	0.143	0.135	15.8
Phenanthrene		1.086	1.053	1.034	1.039	0.950	1.011	5.7
Anthracene		1.051	1.016	1.016	1.013	0.930	0.985	5.2
Carbazole		0.945	0.915	0.921	0.917	0.826	0.881	6.5
Di-n-butylphthalate		0.554	0.693	0.824	0.882	0.802	0.764	14.4
Fluoranthene		1.076	1.070	1.059	1.022	0.903	0.981	10.2
Benzidine		0.281	0.280	0.320	0.379	0.357	0.337	15.6
Pyrene		1.872	1.881	1.984	2.070	1.845	1.879	6.9
Terphenyl-d14		1.319	1.321	1.377	1.380	1.230	1.282	7.8
Butylbenzylphthalate		0.138	0.207	0.315	0.396	0.369	0.318	33.2
3,3-Dichlorobenzidine		0.203	0.272	0.324	0.336	0.308	0.309	18.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF082724 SAS No.: BF082724 SDG No.: BF082724
Instrument ID: _____ Calibration Date(s): 8/26/2024 : _____
Calibration Time(s): 15:33 _____

LAB FILE ID:		RRF2.5 = BF139164.D			RRF005 = BF139165.D		RRF010 = BF139166.D	
		RRF020 = BF139167.D			RRF040 = BF139168.D		RRF050 = BF139169.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.378	1.294	1.408	1.380	1.238	1.325	4.8
Chrysene		1.187	1.260	1.198	1.252	1.140	1.195	4.1
Bis(2-ethylhexyl)phthalate		0.153	0.214	0.328	0.432	0.396	0.349	35.5
Di-n-octyl phthalate			0.373	0.570	0.831	0.818	0.752	31.4
Benzo(b)fluoranthene		1.160	1.153	1.289	1.183	1.072	1.170	6.2
Benzo(k)fluoranthene		1.208	1.111	1.002	1.077	1.035	1.058	7.8
Benzo(a)pyrene		0.951	0.965	1.027	1.038	0.970	0.993	3.4
Indeno(1,2,3-cd)pyrene		1.331	1.340	1.405	1.413	1.338	1.368	2.8
Dibenzo(a,h)anthracene		1.102	1.106	1.159	1.154	1.095	1.121	2.7
Benzo(g,h,i)perylene		1.136	1.162	1.194	1.196	1.139	1.159	2.8
1,2,4,5-Tetrachlorobenzene		0.627	0.608	0.620	0.618	0.556	0.593	5.5
1,4-Dioxane		0.593	0.569	0.577	0.561	0.547	0.563	3.4
2,3,4,6-Tetrachlorophenol		0.185	0.233	0.292	0.324	0.297	0.279	18.2
1-Methylnaphthalene		0.668	0.642	0.661	0.647	0.591	0.627	5.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF082724 SAS No.: BF082724 SDG NO.: BF082724

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 26 2024 12:00AM

Lab File ID: BF139168.D Time Analyzed: 20:09

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	105569	6.892	374928	8.18	205270	9.93
	UPPER LIMIT	211138	7.392	749856	8.675	410540	10.428
	LOWER LIMIT	52784.5	6.392	187464	7.675	102635	9.428
	EPA SAMPLE NO.						
01	ICVBF082724	118682	6.89	427062	8.18	235078	9.93
02	PB162871TB	95574	6.89	358333	8.17	207380	9.92
03	PB162936BL	122667	6.89	469284	8.18	273305	9.92
04	PB162936BS	130760	6.89	483816	8.18	277149	9.93
05	PB162379BL	122728	6.89	466611	8.18	272963	9.92
06	PB162379BS	129929	6.89	483026	8.18	278261	9.93
07	TP-1	79113	6.89	288954	8.17	160976	9.92
08	TP-5	84114	6.89	310880	8.17	172931	9.92
09	TP-2	74805	6.89	274148	8.17	150955	9.92
10	TP-3	74969	6.89	275847	8.18	156467	9.92
11	TP-6	79600	6.89	291308	8.18	161800	9.92
12	TP-4	77327	6.89	281395	8.18	154571	9.92
13	BP-CONCRETE-082624	69537	6.89	253413	8.17	139563	9.92
14	SLNP-DEMO	63493	6.89	234691	8.18	128707	9.92
15	UI-5	78640	6.89	284201	8.17	157844	9.92
16	UI-5MS	89300	6.89	313751	8.18	174359	9.93
17	UI-5MSD	103054	6.89	383589	8.18	222997	9.93
18	UI-3	78928	6.89	288745	8.17	158381	9.92
19	WC-4	81460	6.89	294015	8.17	161290	9.92
20	WC-1	79119	6.89	295611	8.17	159548	9.92
21	WC-13	91165	6.89	329785	8.17	176907	9.92
22	WC-16	86699	6.89	306372	8.17	164667	9.92
23	COMP-5	82170	6.89	298412	8.18	147412	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF082724 SAS No.: BF082724 SDG NO.: BF082724

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 27 2024 12:00AM

Lab File ID: BF139168.D Time Analyzed: 20:28

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	105569	6.892	374928	8.18	205270	9.93
UPPER LIMIT	211138	7.392	749856	8.675	410540	10.428
LOWER LIMIT	52784.5	6.392	187464	7.675	102635	9.428
EPA SAMPLE NO.						
24 UI-1	87110	6.89	309814	8.18	157195	9.92

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.: BF082724 SAS No.: BF082724 SDG NO.: BF082724

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 26 2024 12:00AM

Lab File ID: BF139168.D Time Analyzed: 20:09

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	105569	6.892	374928	8.18	205270	9.93
UPPER LIMIT	211138	7.392	749856	8.675	410540	10.428
LOWER LIMIT	52784.5	6.392	187464	7.675	102635	9.428
EPA SAMPLE NO.						
01 ICVBF082724	118682	6.89	427062	8.18	235078	9.93
02 PB162871TB	95574	6.89	358333	8.17	207380	9.92

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.: BF082724 SAS No.: BF082724 SDG NO.: BF082724

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 27 2024 12:00AM

Lab File ID: BF139175.D Time Analyzed: 09:33

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	97148	6.893	340529	8.18	191764	9.93
	UPPER LIMIT	194296	7.393	681058	8.675	383528	10.428
	LOWER LIMIT	48574	6.393	170264.5	7.675	95882	9.428
	EPA SAMPLE NO.						
01	PB162936BL	122667	6.89	469284	8.18	273305	9.92
02	PB162936BS	130760	6.89	483816	8.18	277149	9.93
03	PB162379BL	122728	6.89	466611	8.18	272963	9.92
04	PB162379BS	129929	6.89	483026	8.18	278261	9.93
05	TP-1	79113	6.89	288954	8.17	160976	9.92
06	TP-5	84114	6.89	310880	8.17	172931	9.92
07	TP-2	74805	6.89	274148	8.17	150955	9.92
08	TP-3	74969	6.89	275847	8.18	156467	9.92
09	TP-6	79600	6.89	291308	8.18	161800	9.92
10	TP-4	77327	6.89	281395	8.18	154571	9.92
11	BP-CONCRETE-082624	69537	6.89	253413	8.17	139563	9.92
12	SLNP-DEMO	63493	6.89	234691	8.18	128707	9.92
13	UI-5	78640	6.89	284201	8.17	157844	9.92
14	UI-5MS	89300	6.89	313751	8.18	174359	9.93
15	UI-5MSD	103054	6.89	383589	8.18	222997	9.93
16	UI-3	78928	6.89	288745	8.17	158381	9.92
17	WC-4	81460	6.89	294015	8.17	161290	9.92
18	WC-1	79119	6.89	295611	8.17	159548	9.92
19	WC-13	91165	6.89	329785	8.17	176907	9.92
20	WC-16	86699	6.89	306372	8.17	164667	9.92
21	COMP-5	82170	6.89	298412	8.18	147412	9.92
22	UI-1	87110	6.89	309814	8.18	157195	9.92

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF082724 SAS No.: BF082724 SDG NO.: BF082724

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 27 2024 12:00AM

Lab File ID: BF139175.D Time Analyzed: 20:28

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	97148	6.893	340529	8.18	191764	9.93
UPPER LIMIT	194296	7.393	681058	8.675	383528	10.428
LOWER LIMIT	48574	6.393	170264.5	7.675	95882	9.428
EPA SAMPLE NO.						

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.: BF082724 SAS No.: BF082724 SDG NO.: BF082724

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 26 2024 12:00AM

Lab File ID: BF139168.D Time Analyzed: 20:09

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	356452	11.41	176881	14.051	192777	15.521
	UPPER LIMIT	712904	11.91	353762	14.551	385554	16.021
	LOWER LIMIT	178226	10.91	88440.5	13.551	96388.5	15.021
	EPA SAMPLE NO.						
01	ICVBF082724	398437	11.42	192006	14.05	215962	15.52
02	PB162871TB	374547	11.41	233089	14.05	202769	15.52
03	PB162936BL	483545	11.41	311222	14.05	246953	15.52
04	PB162936BS	477644	11.42	249114	14.06	229045	15.53
05	PB162379BL	479845	11.41	293423	14.05	244119	15.52
06	PB162379BS	487493	11.42	261728	14.05	237760	15.52
07	TP-1	265358	11.41	158556	14.05	185583	15.52
08	TP-5	286738	11.41	153057	14.05	174253	15.52
09	TP-2	248569	11.41	150281	14.05	165328	15.52
10	TP-3	250159	11.41	171559	14.05	149859	15.52
11	TP-6	248592	11.41	170529	14.05	151608	15.52
12	TP-4	240639	11.41	168659	14.05	142969	15.52
13	BP-CONCRETE-082624	222957	11.41	151184	14.05	133164	15.52
14	SLNP-DEMO	211091	11.41	148640	14.05	128673	15.52
15	UI-5	249990	11.41	176511	14.05	158852	15.52
16	UI-5MS	273027	11.41	167794	14.05	157903	15.52
17	UI-5MSD	371504	11.42	208706	14.05	181108	15.52
18	UI-3	246137	11.41	173657	14.05	155996	15.52
19	WC-4	254014	11.41	178281	14.05	152902	15.52
20	WC-1	250371	11.41	183130	14.05	159035	15.52
21	WC-13	261110	11.41	190521	14.05	149324	15.52

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF082724 SAS No.: BF082724 SDG NO.: BF082724

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 27 2024 12:00AM

Lab File ID: BF139168.D Time Analyzed: 19:26

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	356452	11.41	176881	14.051	192777	15.521
UPPER LIMIT	712904	11.91	353762	14.551	385554	16.021
LOWER LIMIT	178226	10.91	88440.5	13.551	96388.5	15.021
EPA SAMPLE NO.						
22 WC-16	236901	11.41	180550	14.05	134580	15.52
23 COMP-5	208987	11.41	163494	14.05	122691	15.52
24 UI-1	221006	11.41	175476	14.05	128947	15.52

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.: BF082724 SAS No.: BF082724 SDG NO.: BF082724

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 26 2024 12:00AM

Lab File ID: BF139168.D Time Analyzed: 20:09

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	356452	11.41	176881	14.051	192777	15.521
UPPER LIMIT	712904	11.91	353762	14.551	385554	16.021
LOWER LIMIT	178226	10.91	88440.5	13.551	96388.5	15.021
EPA SAMPLE NO.						
01 ICVBF082724	398437	11.42	192006	14.05	215962	15.52
02 PB162871TB	374547	11.41	233089	14.05	202769	15.52

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.: BF082724 SAS No.: BF082724 SDG NO.: BF082724

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 27 2024 12:00AM

Lab File ID: BF139175.D Time Analyzed: 09:33

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	336434	11.41	190109	14.051	177680	15.521
	UPPER LIMIT	672868	11.91	380218	14.551	355360	16.021
	LOWER LIMIT	168217	10.91	95054.5	13.551	88840	15.021
	EPA SAMPLE NO.						
01	PB162936BL	483545	11.41	311222	14.05	246953	15.52
02	PB162936BS	477644	11.42	249114	14.06	229045	15.53
03	PB162379BL	479845	11.41	293423	14.05	244119	15.52
04	PB162379BS	487493	11.42	261728	14.05	237760	15.52
05	TP-1	265358	11.41	158556	14.05	185583	15.52
06	TP-5	286738	11.41	153057	14.05	174253	15.52
07	TP-2	248569	11.41	150281	14.05	165328	15.52
08	TP-3	250159	11.41	171559	14.05	149859	15.52
09	TP-6	248592	11.41	170529	14.05	151608	15.52
10	TP-4	240639	11.41	168659	14.05	142969	15.52
11	BP-CONCRETE-082624	222957	11.41	151184	14.05	133164	15.52
12	SLNP-DEMO	211091	11.41	148640	14.05	128673	15.52
13	UI-5	249990	11.41	176511	14.05	158852	15.52
14	UI-5MS	273027	11.41	167794	14.05	157903	15.52
15	UI-5MSD	371504	11.42	208706	14.05	181108	15.52
16	UI-3	246137	11.41	173657	14.05	155996	15.52
17	WC-4	254014	11.41	178281	14.05	152902	15.52
18	WC-1	250371	11.41	183130	14.05	159035	15.52
19	WC-13	261110	11.41	190521	14.05	149324	15.52
20	WC-16	236901	11.41	180550	14.05	134580	15.52
21	COMP-5	208987	11.41	163494	14.05	122691	15.52

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF082724 SAS No.: BF082724 SDG NO.: BF082724

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 27 2024 12:00AM

Lab File ID: BF139175.D Time Analyzed: 20:28

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	336434	11.41	190109	14.051	177680	15.521
UPPER LIMIT	672868	11.91	380218	14.551	355360	16.021
LOWER LIMIT	168217	10.91	95054.5	13.551	88840	15.021
EPA SAMPLE NO.						
22 UI-1	221006	11.41	175476	14.05	128947	15.52

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF082724**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162379BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103		
	Pyridine	1700	1100	ug/Kg	65				28	98		
	Benzaldehyde	1700	500	ug/Kg	29				10	133		
	Aniline	1700	880	ug/Kg	52				38	100		
	Phenol	1700	1500	ug/Kg	88				62	112		
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101		
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112		
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102		
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99		
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100		
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116		
	2-Methylphenol	1700	1500	ug/Kg	88				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100		
	Acetophenone	1700	1300	ug/Kg	76				66	98		
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111		
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95		
	Hexachloroethane	1700	1500	ug/Kg	88				72	108		
	Nitrobenzene	1700	1500	ug/Kg	88				57	101		
	Isophorone	1700	1500	ug/Kg	88				59	99		
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111		
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141		
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97		
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107		
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110		
	Benzoic acid	1700	1500	ug/Kg	88				10	140		
	Naphthalene	1700	1400	ug/Kg	82				62	100		
	4-Chloroaniline	1700	720	ug/Kg	42				16	100		
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98		
	Caprolactam	1700	1600	ug/Kg	94				67	110		
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112		
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104		
	Hexachlorocyclopentadiene	3300	3600	ug/Kg	109				45	165		
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102		
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98		
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103		
	2-Chloronaphthalene	1700	1300	ug/Kg	76				58	99		
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101		
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99		
	Acenaphthylene	1700	1500	ug/Kg	88				63	101		
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104		
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100		
	Acenaphthene	1700	1600	ug/Kg	94				57	104		
	Total PAH	27200	24700	ug/Kg	91				57	104		
	2,4-Dinitrophenol	3300	2900	ug/Kg	88				37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF082724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162379BS	4-Nitrophenol	3300	2900	ug/Kg	88				48	119	
	Dibenzofuran	1700	1400	ug/Kg	82				63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	3400	3300	ug/Kg	97				60	106	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58	98	
	Fluorene	1700	1400	ug/Kg	82				61	101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				71	99	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66	102	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64	98	
	Atrazine	1700	1700	ug/Kg	100				47	152	
	Pentachlorophenol	3300	3000	ug/Kg	91				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104	
	Fluoranthene	1700	1500	ug/Kg	88				57	107	
	Benzidine	3300	220	ug/Kg	7		*		10	98	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55	103	
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54	135	
	Di-n-octyl phthalate	1700	1400	ug/Kg	82				52	137	
	Benzo(b)fluoranthene	1700	1800	ug/Kg	106				62	109	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1800	ug/Kg	106		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1300	ug/Kg	76				53	101	
	1,4-Dioxane	1700	1000	ug/Kg	59				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF082724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB162936BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	490	ug/Kg	29				10	133	
	Aniline	1700	890	ug/Kg	52				38	100	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112	
	1,2-Dichlorobenzene	1700	1400	ug/Kg	82				51	102	
	1,3-Dichlorobenzene	1700	1400	ug/Kg	82				52	99	
	1,4-Dichlorobenzene	1700	1400	ug/Kg	82				52	100	
	Benzyl Alcohol	1700	1600	ug/Kg	94				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1500	ug/Kg	88				51	100	
	Acetophenone	1700	1400	ug/Kg	82				66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1400	ug/Kg	82				44	110	
	Benzoic acid	1700	1500	ug/Kg	88				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	720	ug/Kg	42				16	100	
	Hexachlorobutadiene	1700	1400	ug/Kg	82				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1400	ug/Kg	82				60	104	
	Hexachlorocyclopentadiene	3300	3700	ug/Kg	112				45	165	
	2,4,6-Trichlorophenol	1700	1700	ug/Kg	100				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1300	ug/Kg	76				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1500	ug/Kg	88				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	24700	ug/Kg	91				57	104	
	2,4-Dinitrophenol	3300	2900	ug/Kg	88				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF082724**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits		RPD
								Qual		High		
PB162936BS	4-Nitrophenol	3300	2900	ug/Kg	88				48		119	
	Dibenzofuran	1700	1400	ug/Kg	82				63		99	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60		106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3200	ug/Kg	94				60		106	
	Diethylphthalate	1700	1600	ug/Kg	94				60		101	
	4-Chlorophenyl-phenylether	1700	1400	ug/Kg	82				58		98	
	Fluorene	1700	1400	ug/Kg	82				61		101	
	4-Nitroaniline	1700	1500	ug/Kg	88				64		103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76		113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71		99	
	Azobenzene	1700	1500	ug/Kg	88				54		103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				66		102	
	Hexachlorobenzene	1700	1400	ug/Kg	82				64		98	
	Atrazine	1700	1700	ug/Kg	100				47		152	
	Pentachlorophenol	3300	3100	ug/Kg	94				67		105	
	Phenanthrene	1700	1500	ug/Kg	88				59		103	
	Anthracene	1700	1500	ug/Kg	88				61		105	
	Carbazole	1700	1500	ug/Kg	88				61		99	
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58		104	
	Fluoranthene	1700	1500	ug/Kg	88				57		107	
	Benzidine	3300	200	ug/Kg	6		*		10		98	
	Pyrene	1700	1500	ug/Kg	88				59		103	
	Butylbenzylphthalate	1700	1800	ug/Kg	106		*		55		103	
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				42		91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60		102	
	Chrysene	1700	1500	ug/Kg	88				59		101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54		135	
	Di-n-octyl phthalate	1700	1400	ug/Kg	82				52		137	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62		109	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62		109	
	Benzo(a)pyrene	1700	1800	ug/Kg	106		*		63		103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63		101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61		112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70		108	
	1,2,4,5-Tetrachlorobenzene	1700	1300	ug/Kg	76				53		101	
	1,4-Dioxane	1700	1000	ug/Kg	59				50		96	
	2,3,4,6-Tetrachlorophenol	1700	1800	ug/Kg	106				59		108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70		130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

ICVBF082724

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF082724

SAS No.: BF082724 SDG NO.: BF082724

Lab File ID: BF139172.D

Lab Sample ID: SSTDICV040

Instrument ID: BNA_F

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 08/26/2024

Level: (low/med) LOW

Time Analyzed: 20:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
ICVBF082724	SSTDICV040	BF139172.D	08/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162379BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF082724

SAS No.: BF082724 SDG NO.: BF082724

Lab File ID: BF139178.D

Lab Sample ID: PB162379BL

Instrument ID: BNA_F

Date Extracted: 07/31/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/27/2024

Level: (low/med) LOW

Time Analyzed: 10:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162379BS	PB162379BS	BF139179.D	08/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162871TB

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF082724

SAS No.: BF082724 SDG NO.: BF082724

Lab File ID: BF139173.D

Lab Sample ID: PB162871TB

Instrument ID: BNA_F

Date Extracted: 08/22/2024

Matrix: (soil/water) water

Date Analyzed: 08/26/2024

Level: (low/med) LOW

Time Analyzed: 20:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162871TB	PB162871TB	BF139173.D	08/26/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162936BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF082724

SAS No.: BF082724 SDG NO.: BF082724

Lab File ID: BF139176.D

Lab Sample ID: PB162936BL

Instrument ID: BNA_F

Date Extracted: 08/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/27/2024

Level: (low/med) LOW

Time Analyzed: 09:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162936BS	PB162936BS	BF139177.D	08/27/2024
TP-1	P3717-01	BF139180.D	08/27/2024
TP-5	P3717-09	BF139181.D	08/27/2024
TP-2	P3717-03	BF139182.D	08/27/2024
TP-3	P3717-05	BF139183.D	08/27/2024
TP-6	P3717-11	BF139184.D	08/27/2024
TP-4	P3717-07	BF139185.D	08/27/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

BP-CONCRETE-082624

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF082724

SAS No.: BF082724 SDG NO.: BF082724

Lab File ID: BF139186.D

Lab Sample ID: P3742-01

Instrument ID: BNA_F

Date Extracted: 08/27/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/27/2024

Level: (low/med) LOW

Time Analyzed: 14:48

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BP-CONCRETE-082624	P3742-01	BF139186.D	08/27/2024
SLNP-DEMO	P3747-01	BF139187.D	08/27/2024
UI-5	P3732-02	BF139188.D	08/27/2024
UI-5MS	P3732-02MS	BF139189.D	08/27/2024
UI-5MSD	P3732-02MSD	BF139190.D	08/27/2024
UI-3	P3732-03	BF139191.D	08/27/2024
WC-4	P3739-01	BF139192.D	08/27/2024
WC-1	P3739-05	BF139193.D	08/27/2024
WC-13	P3735-07	BF139194.D	08/27/2024
WC-16	P3735-13	BF139195.D	08/27/2024
COMP-5	P3737-05	BF139196.D	08/27/2024
UI-1	P3732-01	BF139197.D	08/27/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF082724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3732-02MS		Client Sample ID: UI-5MS		DataFile: BF139189.D							
n-Nitrosodimethylamine	1900		1700	ug/Kg	89				66	124	
Pyridine	1900		1700	ug/Kg	89				45	119	
Benzaldehyde	1900		940	ug/Kg	49				10	86	
Aniline	1900		1600	ug/Kg	84				10	88	
Phenol	1900		1900	ug/Kg	100				67	126	
bis(2-Chloroethyl)ether	1900		1700	ug/Kg	89				54	125	
2-Chlorophenol	1900		2000	ug/Kg	105				79	107	
1,2-Dichlorobenzene	1900		1700	ug/Kg	89				61	105	
1,3-Dichlorobenzene	1900		1700	ug/Kg	89				62	101	
1,4-Dichlorobenzene	1900		1700	ug/Kg	89				63	104	
Benzyl Alcohol	1900		1900	ug/Kg	100				47	126	
2-Methylphenol	1900		1800	ug/Kg	95				66	122	
2,2-oxybis(1-Chloropropane)	1900		1800	ug/Kg	95				65	110	
Acetophenone	1900		1800	ug/Kg	95				75	111	
3+4-Methylphenols	1900		1800	ug/Kg	95				66	104	
N-Nitroso-di-n-propylamine	1900		1800	ug/Kg	95				59	119	
Hexachloroethane	1900		1900	ug/Kg	100				65	117	
Nitrobenzene	1900		1800	ug/Kg	95				70	119	
Isophorone	1900		1900	ug/Kg	100				76	122	
2-Nitrophenol	1900		2200	ug/Kg	116				54	145	
2,4-Dimethylphenol	1900		2300	ug/Kg	121				44	135	
bis(2-Chloroethoxy)methane	1900		1800	ug/Kg	95				68	112	
2,4-Dichlorophenol	1900		2000	ug/Kg	105				72	118	
1,2,4-Trichlorobenzene	1900		1700	ug/Kg	89				57	103	
Benzoic acid	1900		1900	ug/Kg	100				50	104	
Naphthalene	1900		1800	ug/Kg	95				72	110	
4-Chloroaniline	1900		640	ug/Kg	34				10	91	
Hexachlorobutadiene	1900		1700	ug/Kg	89				66	114	
Caprolactam	1900		2100	ug/Kg	111				51	134	
4-Chloro-3-methylphenol	1900		2000	ug/Kg	105				57	132	
2-Methylnaphthalene	1900		1800	ug/Kg	95				59	123	
Hexachlorocyclopentadiene	3700		5400	ug/Kg	146				10	175	
2,4,6-Trichlorophenol	1900		2100	ug/Kg	111				72	117	
2,4,5-Trichlorophenol	1900		2100	ug/Kg	111				72	117	
1,1-Biphenyl	1900		1800	ug/Kg	95				75	113	
2-Chloronaphthalene	1900		1700	ug/Kg	89				67	118	
2-Nitroaniline	1900		2000	ug/Kg	105				69	127	
Dimethylphthalate	1900		2100	ug/Kg	111				70	113	
Acenaphthylene	1900		1900	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1900		2000	ug/Kg	105				70	125	
3-Nitroaniline	1900		1400	ug/Kg	74				30	99	
Acenaphthene	1900		2000	ug/Kg	105				70	121	
Total PAH	30400		28200	ug/Kg	93				70	121	
2,4-Dinitrophenol	3700		3300	ug/Kg	89				10	155	
4-Nitrophenol	3700		3500	ug/Kg	95				45	133	
Dibenzofuran	1900		1800	ug/Kg	95				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF082724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1900		2000	ug/Kg	105				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	3800		4000	ug/Kg	105				55	128	
Diethylphthalate	1900		2100	ug/Kg	111				70	112	
4-Chlorophenyl-phenylether	1900		1800	ug/Kg	95				71	108	
Fluorene	1900		1800	ug/Kg	95				68	116	
4-Nitroaniline	1900		1800	ug/Kg	95				55	120	
4,6-Dinitro-2-methylphenol	1900		2100	ug/Kg	111				10	160	
N-Nitrosodiphenylamine	1900		2100	ug/Kg	111				73	118	
Azobenzene	1900		1800	ug/Kg	95				73	110	
4-Bromophenyl-phenylether	1900		2000	ug/Kg	105				65	121	
Hexachlorobenzene	1900		1900	ug/Kg	100				67	118	
Atrazine	1900		3100	ug/Kg	163	*			79	127	
Pentachlorophenol	3700		3800	ug/Kg	103				47	128	
Phenanthrene	1900		1900	ug/Kg	100				52	128	
Anthracene	1900		1900	ug/Kg	100				62	124	
Carbazole	1900		1800	ug/Kg	95				59	119	
Di-n-butylphthalate	1900		2600	ug/Kg	137	*			69	118	
Fluoranthene	1900		1700	ug/Kg	89				44	125	
Benzdine	3700		3300	ug/Kg	89				10	119	
Pyrene	1900		1400	ug/Kg	74				26	142	
Butylbenzylphthalate	1900		2500	ug/Kg	132	*			64	126	
3,3-Dichlorobenzidine	1900		1800	ug/Kg	95				33	116	
Benzo(a)anthracene	1900		1900	ug/Kg	100				71	114	
Chrysene	1900		1900	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1900		2800	ug/Kg	147				42	169	
Di-n-octyl phthalate	1900		2500	ug/Kg	132				23	175	
Benzo(b)fluoranthene	1900		2000	ug/Kg	105				67	121	
Benzo(k)fluoranthene	1900		2200	ug/Kg	116				57	134	
Benzo(a)pyrene	1900		2100	ug/Kg	111				70	142	
Indeno(1,2,3-cd)pyrene	1900		1300	ug/Kg	68				40	129	
Dibenz(a,h)anthracene	1900		1300	ug/Kg	68				43	123	
Benzo(g,h,i)perylene	1900		1100	ug/Kg	58				24	125	
1,2,4,5-Tetrachlorobenzene	1900		1700	ug/Kg	89				69	124	
1,4-Dioxane	1900		1600	ug/Kg	84				46	112	
2,3,4,6-Tetrachlorophenol	1900		2100	ug/Kg	111				69	112	
1-Methylnaphthalene	1900		1700	ug/Kg	89				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF082724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3732-02MSD		Client Sample ID: UI-5MSD		DataFile: BF139190.D							
n-Nitrosodimethylamine	1900		1700	ug/Kg	89	0			66	124	20
Pyridine	1900		1600	ug/Kg	84	6			45	119	20
Benzaldehyde	1900		950	ug/Kg	50	2			10	86	20
Aniline	1900		1600	ug/Kg	84	0			10	88	20
Phenol	1900		1900	ug/Kg	100	0			67	126	20
bis(2-Chloroethyl)ether	1900		1700	ug/Kg	89	0			54	125	20
2-Chlorophenol	1900		2000	ug/Kg	105	0			79	107	20
1,2-Dichlorobenzene	1900		1700	ug/Kg	89	0			61	105	20
1,3-Dichlorobenzene	1900		1600	ug/Kg	84	6			62	101	20
1,4-Dichlorobenzene	1900		1600	ug/Kg	84	6			63	104	20
Benzyl Alcohol	1900		2000	ug/Kg	105	5			47	126	20
2-Methylphenol	1900		1900	ug/Kg	100	5			66	122	20
2,2-oxybis(1-Chloropropane)	1900		1800	ug/Kg	95	0			65	110	20
Acetophenone	1900		1700	ug/Kg	89	7			75	111	20
3+4-Methylphenols	1900		1900	ug/Kg	100	5			66	104	20
N-Nitroso-di-n-propylamine	1900		1900	ug/Kg	100	5			59	119	20
Hexachloroethane	1900		1800	ug/Kg	95	5			65	117	20
Nitrobenzene	1900		1800	ug/Kg	95	0			70	119	20
Isophorone	1900		1900	ug/Kg	100	0			76	122	20
2-Nitrophenol	1900		2200	ug/Kg	116	0			54	145	20
2,4-Dimethylphenol	1900		2300	ug/Kg	121	0			44	135	20
bis(2-Chloroethoxy)methane	1900		1800	ug/Kg	95	0			68	112	20
2,4-Dichlorophenol	1900		2000	ug/Kg	105	0			72	118	20
1,2,4-Trichlorobenzene	1900		1600	ug/Kg	84	6			57	103	20
Benzoic acid	1900		1900	ug/Kg	100	0			50	104	20
Naphthalene	1900		1700	ug/Kg	89	7			72	110	20
4-Chloroaniline	1900		660	ug/Kg	35	3			10	91	20
Hexachlorobutadiene	1900		1700	ug/Kg	89	0			66	114	20
Caprolactam	1900		2300	ug/Kg	121	9			51	134	20
4-Chloro-3-methylphenol	1900		2000	ug/Kg	105	0			57	132	20
2-Methylnaphthalene	1900		1800	ug/Kg	95	0			59	123	20
Hexachlorocyclopentadiene	3700		5400	ug/Kg	146	0			10	175	20
2,4,6-Trichlorophenol	1900		2100	ug/Kg	111	0			72	117	20
2,4,5-Trichlorophenol	1900		2100	ug/Kg	111	0			72	117	20
1,1-Biphenyl	1900		1700	ug/Kg	89	7			75	113	20
2-Chloronaphthalene	1900		1700	ug/Kg	89	0			67	118	20
2-Nitroaniline	1900		2000	ug/Kg	105	0			69	127	20
Dimethylphthalate	1900		2100	ug/Kg	111	0			70	113	20
Acenaphthylene	1900		1900	ug/Kg	100	0			79	118	20
2,6-Dinitrotoluene	1900		2100	ug/Kg	111	6			70	125	20
3-Nitroaniline	1900		1400	ug/Kg	74	0			30	99	20
Acenaphthene	1900		2000	ug/Kg	105	0			70	121	20
Total PAH	30400		28100	ug/Kg	92	1			70	121	20
2,4-Dinitrophenol	3700		3500	ug/Kg	95	7			10	155	20
4-Nitrophenol	3700		3600	ug/Kg	97	2			45	133	20
Dibenzofuran	1900		1800	ug/Kg	95	0			72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF082724

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1900		2100	ug/Kg	111		6		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	3800		4200	ug/Kg	111		6		55	128	20
Diethylphthalate	1900		2200	ug/Kg	116	*	4		70	112	20
4-Chlorophenyl-phenylether	1900		1800	ug/Kg	95		0		71	108	20
Fluorene	1900		1800	ug/Kg	95		0		68	116	20
4-Nitroaniline	1900		1900	ug/Kg	100		5		55	120	20
4,6-Dinitro-2-methylphenol	1900		2200	ug/Kg	116		4		10	160	20
N-Nitrosodiphenylamine	1900		2000	ug/Kg	105		6		73	118	20
Azobenzene	1900		1900	ug/Kg	100		5		73	110	20
4-Bromophenyl-phenylether	1900		2000	ug/Kg	105		0		65	121	20
Hexachlorobenzene	1900		1800	ug/Kg	95		5		67	118	20
Atrazine	1900		3100	ug/Kg	163	*	0		79	127	20
Pentachlorophenol	3700		3800	ug/Kg	103		0		47	128	20
Phenanthrene	1900		1800	ug/Kg	95		5		52	128	20
Anthracene	1900		1900	ug/Kg	100		0		62	124	20
Carbazole	1900		1800	ug/Kg	95		0		59	119	20
Di-n-butylphthalate	1900		2700	ug/Kg	142	*	4		69	118	20
Fluoranthene	1900		1700	ug/Kg	89		0		44	125	20
Benzydine	3700		3700	ug/Kg	100		12		10	119	20
Pyrene	1900		1600	ug/Kg	84		13		26	142	20
Butylbenzylphthalate	1900		3000	ug/Kg	158	*	18		64	126	20
3,3-Dichlorobenzidine	1900		1800	ug/Kg	95		0		33	116	20
Benzo(a)anthracene	1900		1800	ug/Kg	95		5		71	114	20
Chrysene	1900		1900	ug/Kg	100		0		57	121	20
bis(2-Ethylhexyl)phthalate	1900		3200	ug/Kg	168		13		42	169	20
Di-n-octyl phthalate	1900		2700	ug/Kg	142		7		23	175	20
Benzo(b)fluoranthene	1900		2000	ug/Kg	105		0		67	121	20
Benzo(k)fluoranthene	1900		2200	ug/Kg	116		0		57	134	20
Benzo(a)pyrene	1900		2100	ug/Kg	111		0		70	142	20
Indeno(1,2,3-cd)pyrene	1900		1300	ug/Kg	68		0		40	129	20
Dibenz(a,h)anthracene	1900		1300	ug/Kg	68		0		43	123	20
Benzo(g,h,i)perylene	1900		1100	ug/Kg	58		0		24	125	20
1,2,4,5-Tetrachlorobenzene	1900		1700	ug/Kg	89		0		69	124	20
1,4-Dioxane	1900		1400	ug/Kg	74		13		46	112	20
2,3,4,6-Tetrachlorophenol	1900		2200	ug/Kg	116	*	4		69	112	20
1-Methylnaphthalene	1900		1700	ug/Kg	89		0		70	130	20

Surrogate Summary

SW-846

SDG No.: **BF082724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SSTDICV040	ICVBF082724	BF139172.D	2-Fluorophenol	150	86,455.00	57637	*	10	139
			Phenol-d6	150	83,387.00	55591	*	10	134
			Nitrobenzene-d5	100	96,888.00	96888	*	49	133
			2-Fluorobiphenyl	100	80,528.00	80528	*	52	132
			2,4,6-Tribromophenol	150	93,010.00	62007	*	44	137
			Terphenyl-d14	100	85,758.00	85758	*	48	125

Surrogate Summary

SW-846

SDG No.: **BF082724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162379BL	PB162379BL	BF139178.D	2-Fluorophenol	150	125.65	84		18	112
			Phenol-d6	150	119.12	79		15	107
			Nitrobenzene-d5	100	95.41	95		18	107
			2-Fluorobiphenyl	100	77.62	78		20	109
			2,4,6-Tribromophenol	150	135.50	90		10	116
			Terphenyl-d14	100	81.68	82		10	105
PB162379BS	PB162379BS	BF139179.D	2-Fluorophenol	150	125.04	83		18	112
			Phenol-d6	150	119.37	80		15	107
			Nitrobenzene-d5	100	95.13	95		18	107
			2-Fluorobiphenyl	100	76.94	77		20	109
			2,4,6-Tribromophenol	150	140.22	93		10	116
			Terphenyl-d14	100	86.80	87		10	105

Surrogate Summary

SW-846

SDG No.: **BF082724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162871TB	PB162871TB	BF139173.D	2-Fluorophenol	150	136.65	91		10	139
			Phenol-d6	150	132.73	88		10	134
			Nitrobenzene-d5	100	105.43	105		49	133
			2-Fluorobiphenyl	100	89.48	89		52	132
			2,4,6-Tribromophenol	150	153.41	102		44	137
			Terphenyl-d14	100	90.12	90		48	125

Surrogate Summary

SW-846

SDG No.: **BF082724**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3717-01	TP-1	BF139180.D	2-Fluorophenol	150	93.25	62		18	112
			Phenol-d6	150	90.82	61		15	107
			Nitrobenzene-d5	100	73.96	74		18	107
			2-Fluorobiphenyl	100	65.61	66		20	109
			2,4,6-Tribromophenol	150	97.89	65		10	116
			Terphenyl-d14	100	60.82	61		10	105
P3717-03	TP-2	BF139182.D	2-Fluorophenol	150	85.54	57		18	112
			Phenol-d6	150	83.64	56		15	107
			Nitrobenzene-d5	100	63.49	63		18	107
			2-Fluorobiphenyl	100	57.96	58		20	109
			2,4,6-Tribromophenol	150	90.91	61		10	116
			Terphenyl-d14	100	55.09	55		10	105
P3717-05	TP-3	BF139183.D	2-Fluorophenol	150	81.48	54		18	112
			Phenol-d6	150	79.27	53		15	107
			Nitrobenzene-d5	100	60.48	60		18	107
			2-Fluorobiphenyl	100	54.07	54		20	109
			2,4,6-Tribromophenol	150	83.85	56		10	116
			Terphenyl-d14	100	46.26	46		10	105
P3717-07	TP-4	BF139185.D	2-Fluorophenol	150	91.85	61		18	112
			Phenol-d6	150	88.62	59		15	107
			Nitrobenzene-d5	100	68.19	68		18	107
			2-Fluorobiphenyl	100	62.20	62		20	109
			2,4,6-Tribromophenol	150	93.25	62		10	116
			Terphenyl-d14	100	52.18	52		10	105
P3717-09	TP-5	BF139181.D	2-Fluorophenol	150	70.82	47		18	112
			Phenol-d6	150	69.25	46		15	107
			Nitrobenzene-d5	100	53.81	54		18	107
			2-Fluorobiphenyl	100	48.87	49		20	109
			2,4,6-Tribromophenol	150	73.49	49		10	116
			Terphenyl-d14	100	52.24	52		10	105
P3717-11	TP-6	BF139184.D	2-Fluorophenol	150	64.02	43		18	112
			Phenol-d6	150	61.41	41		15	107
			Nitrobenzene-d5	100	48.01	48		18	107
			2-Fluorobiphenyl	100	43.96	44		20	109
			2,4,6-Tribromophenol	150	62.79	42		10	116
			Terphenyl-d14	100	35.39	35		10	105
PB162936BL	PB162936BL	BF139176.D	2-Fluorophenol	150	126.65	84		18	112
			Phenol-d6	150	120.67	80		15	107
			Nitrobenzene-d5	100	93.37	93		18	107
			2-Fluorobiphenyl	100	77.09	77		20	109
			2,4,6-Tribromophenol	150	132.99	89		10	116
			Terphenyl-d14	100	78.22	78		10	105
PB162936BS	PB162936BS	BF139177.D	2-Fluorophenol	150	125.45	84		18	112
			Phenol-d6	150	119.10	79		15	107
			Nitrobenzene-d5	100	94.76	95		18	107
			2-Fluorobiphenyl	100	77.61	78		20	109
			2,4,6-Tribromophenol	150	141.30	94		10	116
			Terphenyl-d14	100	88.45	88		10	105

Surrogate Summary

SW-846

SDG No.: **BF082724**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3732-01	UI-1	BF139197.D	2-Fluorophenol	150	78.89	53		18	112
			Phenol-d6	150	76.26	51		15	107
			Nitrobenzene-d5	100	60.92	61		18	107
			2-Fluorobiphenyl	100	54.43	54		20	109
			2,4,6-Tribromophenol	150	69.08	46		10	116
			Terphenyl-d14	100	40.95	41		10	105
P3732-02	UI-5	BF139188.D	2-Fluorophenol	150	119.49	80		18	112
			Phenol-d6	150	112.97	75		15	107
			Nitrobenzene-d5	100	89.86	90		18	107
			2-Fluorobiphenyl	100	75.16	75		20	109
			2,4,6-Tribromophenol	150	124.43	83		10	116
			Terphenyl-d14	100	63.32	63		10	105
P3732-02MS	UI-5MS	BF139189.D	2-Fluorophenol	150	105.63	70		18	112
			Phenol-d6	150	102.17	68		15	107
			Nitrobenzene-d5	100	82.04	82		18	107
			2-Fluorobiphenyl	100	68.33	68		20	109
			2,4,6-Tribromophenol	150	116.84	78		10	116
			Terphenyl-d14	100	60.94	61		10	105
P3732-02MSD	UI-5MSD	BF139190.D	2-Fluorophenol	150	104.13	69		18	112
			Phenol-d6	150	104.04	69		15	107
			Nitrobenzene-d5	100	82.00	82		18	107
			2-Fluorobiphenyl	100	65.67	66		20	109
			2,4,6-Tribromophenol	150	123.16	82		10	116
			Terphenyl-d14	100	68.84	69		10	105
P3732-03	UI-3	BF139191.D	2-Fluorophenol	150	98.98	66		18	112
			Phenol-d6	150	95.59	64		15	107
			Nitrobenzene-d5	100	76.82	77		18	107
			2-Fluorobiphenyl	100	64.57	65		20	109
			2,4,6-Tribromophenol	150	102.07	68		10	116
			Terphenyl-d14	100	51.92	52		10	105
P3735-07	WC-13	BF139194.D	2-Fluorophenol	150	111.73	74		18	112
			Phenol-d6	150	106.61	71		15	107
			Nitrobenzene-d5	100	85.35	85		18	107
			2-Fluorobiphenyl	100	70.84	71		20	109
			2,4,6-Tribromophenol	150	110.58	74		10	116
			Terphenyl-d14	100	54.82	55		10	105
P3735-13	WC-16	BF139195.D	2-Fluorophenol	150	64.24	43		18	112
			Phenol-d6	150	62.59	42		15	107
			Nitrobenzene-d5	100	49.97	50		18	107
			2-Fluorobiphenyl	100	43.82	44		20	109
			2,4,6-Tribromophenol	150	59.44	40		10	116
			Terphenyl-d14	100	34.32	34		10	105
P3737-05	COMP-5	BF139196.D	2-Fluorophenol	150	77.05	51		18	112
			Phenol-d6	150	73.73	49		15	107
			Nitrobenzene-d5	100	57.47	57		18	107
			2-Fluorobiphenyl	100	53.63	54		20	109
			2,4,6-Tribromophenol	150	68.99	46		10	116
			Terphenyl-d14	100	43.23	43		10	105
P3739-01	WC-4	BF139192.D	2-Fluorophenol	150	93.77	63		18	112

Surrogate Summary

SW-846

SDG No.: **BF082724**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3739-01	WC-4	BF139192.D	Phenol-d6	150	90.27	60		15	107
			Nitrobenzene-d5	100	71.89	72		18	107
			2-Fluorobiphenyl	100	60.01	60		20	109
			2,4,6-Tribromophenol	150	101.36	68		10	116
			Terphenyl-d14	100	52.05	52		10	105
P3739-05	WC-1	BF139193.D	2-Fluorophenol	150	78.75	52		18	112
			Phenol-d6	150	79.11	53		15	107
			Nitrobenzene-d5	100	58.79	59		18	107
			2-Fluorobiphenyl	100	50.88	51		20	109
			2,4,6-Tribromophenol	150	80.95	54		10	116
P3742-01	BP-CONCRETE-08	BF139186.D	Terphenyl-d14	100	38.55	39		10	105
			2-Fluorophenol	150	80.86	54		18	112
			Phenol-d6	150	82.69	55		15	107
			Nitrobenzene-d5	100	70.54	71		18	107
			2-Fluorobiphenyl	100	65.16	65		20	109
P3747-01	SLNP-DEMO	BF139187.D	2,4,6-Tribromophenol	150	76.61	51		10	116
			Terphenyl-d14	100	53.87	54		10	105
			2-Fluorophenol	150	96.28	64		18	112
			Phenol-d6	150	97.42	65		15	107
			Nitrobenzene-d5	100	78.35	78		18	107
			2-Fluorobiphenyl	100	72.70	73		20	109
			2,4,6-Tribromophenol	150	90.72	60		10	116
			Terphenyl-d14	100	60.24	60		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF082724

Lab Code: CHEM

SAS No.: BF082724 SDG NO.: BF082724

Lab File ID: BF139163.D

DFTPP Injection Date: 08/26/2024

Instrument ID: BNA_F

DFTPP Injection Time: 15:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.9
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	41.5
70	Less than 2.0% of mass 69	0.1 (0.3) 1
127	10.0 - 80.0% of mass 198	45.5
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	6.5
275	10.0 - 60.0% of mass 198	28.4
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	78.6
443	15.0 - 24.0% of mass 442	15.3 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF139164.D	08/26/2024	15:33
SSTDICC005	SSTDICC005	BF139165.D	08/26/2024	16:03
SSTDICC010	SSTDICC010	BF139166.D	08/26/2024	16:34
SSTDICC020	SSTDICC020	BF139167.D	08/26/2024	17:05
SSTDICCC040	SSTDICCC040	BF139168.D	08/26/2024	17:35
SSTDICC050	SSTDICC050	BF139169.D	08/26/2024	18:06
SSTDICC060	SSTDICC060	BF139170.D	08/26/2024	18:37
SSTDICC080	SSTDICC080	BF139171.D	08/26/2024	19:08
ICVBF082724	SSTDICV040	BF139172.D	08/26/2024	20:09
PB162871TB	PB162871TB	BF139173.D	08/26/2024	20:39

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF082724

Lab Code: CHEM

SAS No.: BF082724 SDG NO.: BF082724

Lab File ID: BF139174.D

DFTPP Injection Date: 08/27/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.8
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	41.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.7
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	6.9
275	10.0 - 60.0% of mass 198	28.3
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	85.8
443	15.0 - 24.0% of mass 442	16.7 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF139175.D	08/27/2024	09:03
PB162936BL	PB162936BL	BF139176.D	08/27/2024	09:33
PB162936BS	PB162936BS	BF139177.D	08/27/2024	10:03
PB162379BL	PB162379BL	BF139178.D	08/27/2024	10:32
PB162379BS	PB162379BS	BF139179.D	08/27/2024	11:02
TP-1	P3717-01	BF139180.D	08/27/2024	11:46
TP-5	P3717-09	BF139181.D	08/27/2024	12:16
TP-2	P3717-03	BF139182.D	08/27/2024	12:46
TP-3	P3717-05	BF139183.D	08/27/2024	13:16
TP-6	P3717-11	BF139184.D	08/27/2024	13:47
TP-4	P3717-07	BF139185.D	08/27/2024	14:17
BP-CONCRETE-082624	P3742-01	BF139186.D	08/27/2024	14:48
SLNP-DEMO	P3747-01	BF139187.D	08/27/2024	15:18
UI-5	P3732-02	BF139188.D	08/27/2024	15:48
UI-5MS	P3732-02MS	BF139189.D	08/27/2024	16:18
UI-5MSD	P3732-02MSD	BF139190.D	08/27/2024	16:50
UI-3	P3732-03	BF139191.D	08/27/2024	17:21
WC-4	P3739-01	BF139192.D	08/27/2024	17:52

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF082724

Lab Code: CHEM

SAS No.: BF082724

SDG NO.: BF082724

Lab File ID: BF139174.D

DFTPP Injection Date: 08/27/2024

Instrument ID: BNA_F

DFTPP Injection Time: 08:34

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.8
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	41.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	46.7
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	6.9
275	10.0 - 60.0% of mass 198	28.3
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	13.2
442	Greater than 50% of mass 198	85.8
443	15.0 - 24.0% of mass 442	16.7 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
WC-1	P3739-05	BF139193.D	08/27/2024	18:23
WC-13	P3735-07	BF139194.D	08/27/2024	18:56
WC-16	P3735-13	BF139195.D	08/27/2024	19:26
COMP-5	P3737-05	BF139196.D	08/27/2024	19:57
UI-1	P3732-01	BF139197.D	08/27/2024	20:28