

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF061924 SAS No.: BF061924 SDG No.: BF061924
Instrument ID: BNA_F Calibration Date/Time: 6/19/2024 11:01
Lab File ID: BF138240.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	0.602	0.552		-8.306	
Pyridine	1.300	1.268		-2.462	
2-Fluorophenol	1.196	1.166		-2.508	
Benzaldehyde	0.805	0.848		5.342	
Aniline	1.483	1.424		-3.978	
Phenol-d6	1.516	1.426		-5.937	
Phenol	1.539	1.481		-3.769	20.0
bis(2-Chloroethyl) ether	1.231	1.190		-3.331	
2-Chlorophenol	1.293	1.253		-3.094	
1,2-Dichlorobenzene	1.388	1.299		-6.412	
1,3-Dichlorobenzene	1.469	1.376		-6.331	
1,4-Dichlorobenzene	1.478	1.393		-5.751	20.0
Benzyl Alcohol	1.022	1.016		-0.587	
2-Methylphenol	1.020	0.993		-2.647	
2,2-oxybis(1-Chloropropane)	1.738	1.633		-6.041	
Acetophenone	0.457	0.408		-10.722	
3+4-Methylphenols	1.284	1.208		-5.919	
n-Nitroso-di-n-propylamine	0.899	0.845	0.050	-6.007	
Nitrobenzene-d5	0.344	0.330		-4.07	
Hexachloroethane	0.501	0.505		0.798	
Nitrobenzene	0.355	0.338		-4.789	
Isophorone	0.621	0.591		-4.831	
2-Nitrophenol	0.143	0.171		19.58	20.0
2,4-Dimethylphenol	0.217	0.197		-9.217	
bis(2-Chloroethoxy) methane	0.389	0.374		-3.856	
2,4-Dichlorophenol	0.280	0.271		-3.214	20.0
1,2,4-Trichlorobenzene	0.330	0.309		-6.364	
Benzoic acid	0.191	0.222		16.23	
Naphthalene	0.989	0.910		-7.988	
4-Chloroaniline	0.370	0.343		-7.297	
Hexachlorobutadiene	0.193	0.183		-5.181	20.0
Caprolactam	0.084	0.084		0.0	
4-Chloro-3-methylphenol	0.278	0.271		-2.518	20.0
2-Methylnaphthalene	0.649	0.604		-6.934	
Hexachlorocyclopentadiene	0.191	0.201	0.050	5.236	
2,4,6-Trichlorophenol	0.366	0.359		-1.913	20.0
2-Fluorobiphenyl	1.258	1.103		-12.321	
2,4,5-Trichlorophenol	0.402	0.389		-3.234	
1,1-Biphenyl	1.468	1.348		-8.174	

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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	1.160	1.074		-7.414	
2-Nitroaniline	0.279	0.300		7.527	
Dimethylphthalate	1.225	1.183		-3.429	
Acenaphthylene	1.626	1.504		-7.503	
2,6-Dinitrotoluene	0.266	0.288		8.271	
3-Nitroaniline	0.284	0.297		4.577	
Acenaphthene	1.109	1.038		-6.402	20.0
2,4-Dinitrophenol	0.104	0.132	0.050	26.923	
4-Nitrophenol	0.224	0.224	0.050	0.0	
Dibenzofuran	1.550	1.428		-7.871	
2,4-Dinitrotoluene	0.328	0.371		13.11	
Diethylphthalate	1.163	1.165		0.172	
4-Chlorophenyl-phenylether	0.607	0.571		-5.931	
Fluorene	1.219	1.088		-10.747	
4-Nitroaniline	0.284	0.285		0.352	
4,6-Dinitro-2-methylphenol	0.090	0.109		21.111	
n-Nitrosodiphenylamine	0.612	0.562		-8.17	20.0
Azobenzene	1.165	1.105		-5.15	
2,4,6-Tribromophenol	0.199	0.198		-0.503	
4-Bromophenyl-phenylether	0.225	0.215		-4.444	
Hexachlorobenzene	0.263	0.245		-6.844	
Atrazine	0.174	0.163		-6.322	
Pentachlorophenol	0.153	0.154		0.654	20.0
Phenanthrene	0.989	0.893		-9.707	
Anthracene	0.982	0.887		-9.674	
Carbazole	0.901	0.808		-10.322	
Di-n-butylphthalate	0.932	0.973		4.399	
Fluoranthene	1.009	0.906		-10.208	20.0
Benzidine	0.231	0.439		90.043	
Pyrene	1.725	1.682		-2.493	
Terphenyl-d14	1.263	1.229		-2.692	
Butylbenzylphthalate	0.469	0.596		27.079	
3,3-Dichlorobenzidine	0.353	0.397		12.465	
Benzo(a)anthracene	1.283	1.218		-5.066	
Chrysene	1.223	1.170		-4.334	
Bis(2-ethylhexyl)phthalate	0.546	0.736		34.799	
Di-n-octyl phthalate	0.811	1.111		36.991	20.0
Benzo(b)fluoranthene	1.179	1.106		-6.192	
Benzo(k)fluoranthene	1.156	1.057		-8.564	

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 Lab File ID: BF138240.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	1.013	0.961		-5.133	20.0
Indeno(1,2,3-cd)pyrene	1.304	1.279		-1.917	
Dibenzo(a,h)anthracene	1.070	1.056		-1.308	
Benzo(g,h,i)perylene	1.107	1.075		-2.891	
1,2,4,5-Tetrachlorobenzene	0.584	0.537		-8.048	
1,4-Dioxane	0.547	0.514		-6.033	20.0
2,3,4,6-Tetrachlorophenol	0.314	0.303		-3.503	
1-Methylnaphthalene	0.636	0.591		-7.075	

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF061924 SAS No.: BF061924 SDG No.: BF061924

Instrument ID: BNA_F Calibration Date/Time: 6/19/2024 1:14:50

Lab File ID: BF138245.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	0.602	0.563		-6.478	
Pyridine	1.300	1.258		-3.231	
2-Fluorophenol	1.196	1.122		-6.187	
Benzaldehyde	0.805	0.744		-7.578	
Aniline	1.483	1.450		-2.225	
Phenol-d6	1.516	1.431		-5.607	
Phenol	1.539	1.529		-0.65	20.0
bis(2-Chloroethyl) ether	1.231	1.201		-2.437	
2-Chlorophenol	1.293	1.241		-4.022	
1,2-Dichlorobenzene	1.388	1.284		-7.493	
1,3-Dichlorobenzene	1.469	1.370		-6.739	
1,4-Dichlorobenzene	1.478	1.378		-6.766	20.0
Benzyl Alcohol	1.022	1.004		-1.761	
2-Methylphenol	1.020	0.996		-2.353	
2,2-oxybis(1-Chloropropane)	1.738	1.631		-6.157	
Acetophenone	0.457	0.408		-10.722	
3+4-Methylphenols	1.284	1.203		-6.308	
n-Nitroso-di-n-propylamine	0.899	0.847	0.050	-5.784	
Nitrobenzene-d5	0.344	0.329		-4.36	
Hexachloroethane	0.501	0.494		-1.397	
Nitrobenzene	0.355	0.338		-4.789	
Isophorone	0.621	0.597		-3.865	
2-Nitrophenol	0.143	0.160		11.888	20.0
2,4-Dimethylphenol	0.217	0.205		-5.53	
bis(2-Chloroethoxy) methane	0.389	0.374		-3.856	
2,4-Dichlorophenol	0.280	0.268		-4.286	20.0
1,2,4-Trichlorobenzene	0.330	0.304		-7.879	
Benzoic acid	0.191	0.210		9.948	
Naphthalene	0.989	0.900		-8.999	
4-Chloroaniline	0.370	0.349		-5.676	
Hexachlorobutadiene	0.193	0.181		-6.218	20.0
Caprolactam	0.084	0.089		5.952	
4-Chloro-3-methylphenol	0.278	0.275		-1.079	20.0
2-Methylnaphthalene	0.649	0.598		-7.858	
Hexachlorocyclopentadiene	0.191	0.198	0.050	3.665	
2,4,6-Trichlorophenol	0.366	0.357		-2.459	20.0
2-Fluorobiphenyl	1.258	1.064		-15.421	
2,4,5-Trichlorophenol	0.402	0.384		-4.478	
1,1-Biphenyl	1.468	1.309		-10.831	

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COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.160	1.059		-8.707	
2-Nitroaniline	0.279	0.289		3.584	
Dimethylphthalate	1.225	1.196		-2.367	
Acenaphthylene	1.626	1.480		-8.979	
2,6-Dinitrotoluene	0.266	0.280		5.263	
3-Nitroaniline	0.284	0.288		1.408	
Acenaphthene	1.109	1.017		-8.296	20.0
2,4-Dinitrophenol	0.104	0.117	0.050	12.5	
4-Nitrophenol	0.224	0.232	0.050	3.571	
Dibenzofuran	1.550	1.405		-9.355	
2,4-Dinitrotoluene	0.328	0.360		9.756	
Diethylphthalate	1.163	1.158		-0.43	
4-Chlorophenyl-phenylether	0.607	0.554		-8.731	
Fluorene	1.219	1.080		-11.403	
4-Nitroaniline	0.284	0.291		2.465	
4,6-Dinitro-2-methylphenol	0.090	0.101		12.222	
n-Nitrosodiphenylamine	0.612	0.555		-9.314	20.0
Azobenzene	1.165	1.104		-5.236	
2,4,6-Tribromophenol	0.199	0.198		-0.503	
4-Bromophenyl-phenylether	0.225	0.209		-7.111	
Hexachlorobenzene	0.263	0.241		-8.365	
Atrazine	0.174	0.161		-7.471	
Pentachlorophenol	0.153	0.155		1.307	20.0
Phenanthrene	0.989	0.882		-10.819	
Anthracene	0.982	0.874		-10.998	
Carbazole	0.901	0.807		-10.433	
Di-n-butylphthalate	0.932	0.962		3.219	
Fluoranthene	1.009	0.911		-9.713	20.0
Benzidine	0.231	0.398		72.294	
Pyrene	1.725	1.733		0.464	
Terphenyl-d14	1.263	1.264		0.079	
Butylbenzylphthalate	0.469	0.612		30.49	
3,3-Dichlorobenzidine	0.353	0.369		4.533	
Benzo(a)anthracene	1.283	1.181		-7.95	
Chrysene	1.223	1.142		-6.623	
Bis(2-ethylhexyl)phthalate	0.546	0.694		27.106	
Di-n-octyl phthalate	0.811	1.044		28.73	20.0
Benzo(b)fluoranthene	1.179	1.113		-5.598	
Benzo(k)fluoranthene	1.156	1.061		-8.218	

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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	1.013	0.964		-4.837	20.0
Indeno(1,2,3-cd)pyrene	1.304	1.367		4.831	
Dibenzo(a,h)anthracene	1.070	1.128		5.421	
Benzo(g,h,i)perylene	1.107	1.159		4.697	
1,2,4,5-Tetrachlorobenzene	0.584	0.528		-9.589	
1,4-Dioxane	0.547	0.521		-4.753	20.0
2,3,4,6-Tetrachlorophenol	0.314	0.307		-2.229	
1-Methylnaphthalene	0.636	0.580		-8.805	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	PB161543BL	SDG No.:	BF061924
Lab Sample ID:	PB161543BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF138241.D	1	6/18/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	PB161543BL	SDG No.:	BF061924
Lab Sample ID:	PB161543BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138241.D	1	6/18/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	PB161543BL	SDG No.:	BF061924
Lab Sample ID:	PB161543BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF138241.D	1	6/18/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	112.052		10-139		75	SPK: -150
13127-88-3	Phenol-d6	109.333		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	75.819		49-133		76	SPK: -100
321-60-8	2-Fluorobiphenyl	68.808		52-132		69	SPK: -100

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	PB161543BL	SDG No.:	BF061924
Lab Sample ID:	PB161543BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138241.D	1	6/18/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.265		32-145		78	SPK: -150
1718-51-0	Terphenyl-d14	70.779		36-145		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	372343	6.892				
1146-65-2	Naphthalene-d8	1510599	8.175				
15067-26-2	Acenaphthene-d10	855295	9.927				
1517-22-2	Phenanthrene-d10	1563366	11.41				
1719-03-5	Chrysene-d12	968958	14.045				
1520-96-3	Perylene-d12	840237	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2.4	J			2.293	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.9	A			5.145	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	PB161543BS	SDG No.:	BF061924
Lab Sample ID:	PB161543BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138242.D	1	6/18/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	40.1		1	8	10	ug/L
110-86-1	Pyridine	31		1.6	4	5	ug/L
100-52-7	Benzaldehyde	30.8		4	8	10	ug/L
62-53-3	Aniline	25.1		1.6	4	5	ug/L
108-95-2	Phenol	42.9		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.8		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	45.1		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	40.3		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	38.5		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	39.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	46.1		1.6	8	10	ug/L
95-48-7	2-Methylphenol	44.4		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.9		1.4	4	5	ug/L
98-86-2	Acetophenone	38.9		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	40.7		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.9		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41.9		1	4	5	ug/L
98-95-3	Nitrobenzene	39.3		1.3	4	5	ug/L
78-59-1	Isophorone	42.5		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	53.6		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	45.1		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	42.6		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	39.2		1.1	4	5	ug/L
65-85-0	Benzoic acid	52		5.5	8	10	ug/L
91-20-3	Naphthalene	38.6		1	4	5	ug/L
106-47-8	4-Chloroaniline	22.3		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	38.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	PB161543BS	SDG No.:	BF061924
Lab Sample ID:	PB161543BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138242.D	1	6/18/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	46.5		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	43.9		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	39.7		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	99.2	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	43.6		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	41.8		1	4	5	ug/L
92-52-4	1,1-Biphenyl	38.8		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	38.8		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	48		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	43.2		0.93	4	5	ug/L
208-96-8	Acenaphthylene	41.7		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	46.5		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	34.4		1.4	4	5	ug/L
83-32-9	Acenaphthene	43.2		0.81	4	5	ug/L
Total PAH	Total PAH	705.8		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	92.5	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	91.7	E	2	8	10	ug/L
132-64-9	Dibenzofuran	39.5		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	49.5		1.5	4	5	ug/L
84-66-2	Diethylphthalate	43		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	39.3		0.98	4	5	ug/L
86-73-7	Fluorene	38.1		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	40.6		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	50.6		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	41		0.89	4	5	ug/L
103-33-3	Azobenzene	41.1		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	41.4		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	40.1		1.1	4	5	ug/L
1912-24-9	Atrazine	47		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	PB161543BS	SDG No.:	BF061924
Lab Sample ID:	PB161543BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF138242.D	1	6/18/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.9		1.9	8	10	ug/L
85-01-8	Phenanthrene	39.7		0.89	4	5	ug/L
120-12-7	Anthracene	39.8		1.1	4	5	ug/L
86-74-8	Carbazole	39.4		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	45.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	38.7		1.3	4	5	ug/L
92-87-5	Benzidine	9.8	J	4.1	8	10	ug/L
129-00-0	Pyrene	41.8		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	58.5		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	42.6		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	42.2		0.94	4	5	ug/L
218-01-9	Chrysene	42.8		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	61.9		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	65.2		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	49.9		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	45.5		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	50.9		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51.9		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	52.5		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	48.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	39.6		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	30.7		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	44.9		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	37.8		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	112.635		10-139		75	SPK: -150
13127-88-3	Phenol-d6	112.833		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	78.011		49-133		78	SPK: -100
321-60-8	2-Fluorobiphenyl	69.661		52-132		70	SPK: -100

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	PB161543BS	SDG No.:	BF061924
Lab Sample ID:	PB161543BS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138242.D	1	6/18/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	118.552		32-145		79	SPK: -150
1718-51-0	Terphenyl-d14	76.833		36-145		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	394589	6.893				
1146-65-2	Naphthalene-d8	1609622	8.175				
15067-26-2	Acenaphthene-d10	890244	9.934				
1517-22-2	Phenanthrene-d10	1537856	11.416				
1719-03-5	Chrysene-d12	842780	14.051				
1520-96-3	Perylene-d12	772756	15.521				

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	PB161530TB	SDG No.:	BF061924
Lab Sample ID:	PB161530TB	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
BF138243.D	1	6/18/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161543

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:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	PB161530TB	SDG No.:	BF061924
Lab Sample ID:	PB161530TB	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
BF138243.D	1	6/18/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161543

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
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	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:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	PB161530TB	SDG No.:	BF061924
Lab Sample ID:	PB161530TB	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
BF138243.D	1	6/18/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161543

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	111.43		10-139		74	SPK: -150
13127-88-3	Phenol-d6	108.339		10-134		72	SPK: -150
4165-60-0	Nitrobenzene-d5	76.642		49-133		77	SPK: -100
321-60-8	2-Fluorobiphenyl	68.425		52-132		68	SPK: -100

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	PB161530TB	SDG No.:	BF061924
Lab Sample ID:	PB161530TB	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
BF138243.D	1	6/18/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	114.421		32-145		76	SPK: -150
1718-51-0	Terphenyl-d14	70.947		36-145		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	363122	6.893				
1146-65-2	Naphthalene-d8	1454515	8.175				
15067-26-2	Acenaphthene-d10	841466	9.928				
1517-22-2	Phenanthrene-d10	1529999	11.41				
1719-03-5	Chrysene-d12	955482	14.045				
1520-96-3	Perylene-d12	830783	15.521				



Client:				Date Collected:	6/19/2024 12:00:00 AM	
Project:				Date Received:	6/19/2024 12:00:00 AM	
Client Sample ID:	PB161582BL			SDG No.:	BF061924	
Lab Sample ID:	PB161582BL			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
BF138246.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

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



Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	PB161582BL	SDG No.:	BF061924
Lab Sample ID:	PB161582BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	
Injection Volume :		Level :	LOW
		GPC Cleanup :	
		GPC Factor :	
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138246.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.7	U	86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.4	U	77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.4	U	82.4	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	87.3	U	87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.2	U	83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	94.9	U	94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.6	U	81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	86.4	U	86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.1	U	83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.1	U	89.1	130	170	ug/Kg
83-32-9	Acenaphthene	81	U	81	130	170	ug/Kg
Total PAH	Total PAH	1323.5	U	1323.5	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	84.3	U	84.3	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.2	U	169.2	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.1	U	86.1	130	170	ug/Kg
84-66-2	Diethylphthalate	80	U	80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.5	U	85.5	130	170	ug/Kg
86-73-7	Fluorene	85.4	U	85.4	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	81.5	U	81.5	130	170	ug/Kg
103-33-3	Azobenzene	79.5	U	79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.8	U	78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	84.9	U	84.9	130	170	ug/Kg
1912-24-9	Atrazine	91.3	U	91.3	130	170	ug/Kg



Client:			Date Collected:	6/19/2024 12:00:00 AM	
Project:			Date Received:	6/19/2024 12:00:00 AM	
Client Sample ID:	PB161582BL		SDG No.:	BF061924	
Lab Sample ID:	PB161582BL		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
BF138246.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.2	U	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	83.9	U	83.9	130	170	ug/Kg
120-12-7	Anthracene	84.3	U	84.3	130	170	ug/Kg
86-74-8	Carbazole	80.2	U	80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.2	U	84.2	130	170	ug/Kg
206-44-0	Fluoranthene	81.6	U	81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	82.9	U	82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.7	U	96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.5	U	98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.6	U	80.6	130	170	ug/Kg
218-01-9	Chrysene	79.4	U	79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90.9	U	90.9	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	U	81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.5	U	82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	92.9	U	92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78	U	78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.1	U	81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80	U	80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.7	U	86.7	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	83.1	U	83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110.229		18-112		73	SPK: -150
13127-88-3	Phenol-d6	108.093		15-107		72	SPK: -150
4165-60-0	Nitrobenzene-d5	76.28		18-107		76	SPK: -100
321-60-8	2-Fluorobiphenyl	68.589		20-109		69	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	PB161582BL	SDG No.:	BF061924
Lab Sample ID:	PB161582BL	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
BF138246.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	118.287		10-110		79	SPK: -150
1718-51-0	Terphenyl-d14	63.965		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	386608	6.881				
1146-65-2	Naphthalene-d8	1539169	8.163				
15067-26-2	Acenaphthene-d10	863587	9.916				
1517-22-2	Phenanthrene-d10	1593235	11.404				
1719-03-5	Chrysene-d12	1115492	14.039				
1520-96-3	Perylene-d12	901082	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	80.3	J			2.287	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	160	A			5.134	
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	140	J			17.115	

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	PB161582BS	SDG No.:	BF061924
Lab Sample ID:	PB161582BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BF138247.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1300		86.7	270	330	ug/Kg
110-86-1	Pyridine	1000		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	1000		180	270	330	ug/Kg
62-53-3	Aniline	830		96.8	130	170	ug/Kg
108-95-2	Phenol	1400		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	1500		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1300		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1300		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1300		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		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)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1300		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1400		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1300		90.7	130	170	ug/Kg
78-59-1	Isophorone	1400		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1800		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1500		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1400		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1300		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1800		240	270	330	ug/Kg
91-20-3	Naphthalene	1300		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	700		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1300		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	PB161582BS	SDG No.:	BF061924
Lab Sample ID:	PB161582BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BF138247.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

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	1500		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1300		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3200	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		73.9	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	1400		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1400		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1400		81	130	170	ug/Kg
Total PAH	Total PAH	23600		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	3100	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3200	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1300		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3300		169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	1500		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		85.5	130	170	ug/Kg
86-73-7	Fluorene	1200		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1300		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1400		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1300		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1600		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	PB161582BS	SDG No.:	BF061924
Lab Sample ID:	PB161582BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BF138247.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2600		77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1300		83.9	130	170	ug/Kg
120-12-7	Anthracene	1300		84.3	130	170	ug/Kg
86-74-8	Carbazole	1300		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1300		81.6	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	1400		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	2000		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	1400		80.6	130	170	ug/Kg
218-01-9	Chrysene	1400		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2000		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	2000		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		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	1500		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1300		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	112.464		18-112		75	SPK: -150
13127-88-3	Phenol-d6	113.52		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	77.966		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	67.532		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	6/19/2024 12:00:00 AM
Project:		Date Received:	6/19/2024 12:00:00 AM
Client Sample ID:	PB161582BS	SDG No.:	BF061924
Lab Sample ID:	PB161582BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BF138247.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	120.52		10-110		80	SPK: -150
1718-51-0	Terphenyl-d14	80.643		14-112		81	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	422717	6.887				
1146-65-2	Naphthalene-d8	1710462	8.169				
15067-26-2	Acenaphthene-d10	975535	9.928				
1517-22-2	Phenanthrene-d10	1710523	11.41				
1719-03-5	Chrysene-d12	909307	14.045				
1520-96-3	Perylene-d12	748939	15.516				

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	GRAY-WATER	SDG No.:	BF061924
Lab Sample ID:	P2942-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138248.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	19.7		4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	16		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	94	E	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	5.8		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	280	E	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	GRAY-WATER	SDG No.:	BF061924
Lab Sample ID:	P2942-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138248.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	GRAY-WATER	SDG No.:	BF061924
Lab Sample ID:	P2942-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF138248.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.7	J	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	50.64		10-139		34	SPK: -150
13127-88-3	Phenol-d6	31.177		10-134		21	SPK: -150
4165-60-0	Nitrobenzene-d5	72.128		49-133		72	SPK: -100
321-60-8	2-Fluorobiphenyl	76.347		52-132		76	SPK: -100

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	GRAY-WATER	SDG No.:	BF061924
Lab Sample ID:	P2942-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138248.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.069		32-145		65	SPK: -150
1718-51-0	Terphenyl-d14	58.752		36-145		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	303412	6.886				
1146-65-2	Naphthalene-d8	1092196	8.169				
15067-26-2	Acenaphthene-d10	483076	9.922				
1517-22-2	Phenanthrene-d10	699551	11.404				
1719-03-5	Chrysene-d12	541566	14.039				
1520-96-3	Perylene-d12	493241	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J			2.187	
018936-17-9	Butanenitrile, 2-methyl-	110	J			3.075	
000625-28-5	Butanenitrile, 3-methyl-	150	J			3.31	
000123-51-3	1-Butanol, 3-methyl-	34.6	J			3.381	
000137-32-6	1-Butanol, 2-methyl-	15.8	J			3.457	
000116-53-0	Butanoic acid, 2-methyl-	14.6	J			5.639	
000100-47-0	Benzonitrile	15.2	J			6.633	
000104-76-7	1-Hexanol, 2-ethyl-	40.5	J			6.963	
000306-83-2	Ethane, 2,2-dichloro-1,1,1-trifluo	18	J			7.645	
000140-29-4	Benzyl nitrile	99.7	J			7.822	
000122-99-6	Ethanol, 2-phenoxy-	15.8	J			8.322	
000103-82-2	Benzeneacetic acid	67.1	J			8.516	
000334-48-5	n-Decanoic acid	26	J			9.157	
000057-10-3	n-Hexadecanoic acid	12.3	J			11.939	
020273-27-2	Bicyclohexyl, 4-phenyl-	15.3	J			12.451	
000057-11-4	Octadecanoic acid	21.1	J			12.721	
1000401-12-4	cyclohexane, [1,1-biphenyl]-4-yl-	12.1	J			12.762	
006048-68-6	2-[2-[2-[2-[2-[2-[2-(2-Methoxye	20.1	J			13.386	
	unknown13.451	15.7	J			13.451	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	GRAY-WATER	SDG No.:	BF061924
Lab Sample ID:	P2942-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138248.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161578

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown13.604	14.9	J			13.604	

Report of Analysis

Client:				Date Collected:	6/17/2024 12:00:00 AM		
Project:				Date Received:	6/17/2024 12:00:00 AM		
Client Sample ID:	WCS-TPE			SDG No.:	BF061924		
Lab Sample ID:	P2930-01			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	15.4		
Sample Wt/Vol:	50.08	Units:	g	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138249.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	61.5	U	61.5	190	230	ug/Kg
110-86-1	Pyridine	56.6	U	56.6	92.1	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	68.6	U	68.6	92.1	120	ug/Kg
108-95-2	Phenol	58.7	U	58.7	92.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59.3	U	59.3	92.1	120	ug/Kg
95-57-8	2-Chlorophenol	59.1	U	59.1	92.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.9	U	59.9	92.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	60.9	U	60.9	92.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	61.2	U	61.2	92.1	120	ug/Kg
100-51-6	Benzyl Alcohol	58.8	U	58.8	190	230	ug/Kg
95-48-7	2-Methylphenol	57.1	U	57.1	92.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64.4	U	64.4	92.1	120	ug/Kg
98-86-2	Acetophenone	61.5	U	61.5	92.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	56.5	U	56.5	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.5	U	28.5	56.6	56.6	ug/Kg
67-72-1	Hexachloroethane	58.8	U	58.8	92.1	120	ug/Kg
98-95-3	Nitrobenzene	64.3	U	64.3	92.1	120	ug/Kg
78-59-1	Isophorone	59.9	U	59.9	92.1	120	ug/Kg
88-75-5	2-Nitrophenol	66.9	U	66.9	92.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	66	U	66	92.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60.8	U	60.8	92.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53.5	U	53.5	92.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	60.5	U	60.5	92.1	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	58.5	U	58.5	92.1	120	ug/Kg
106-47-8	4-Chloroaniline	58.5	U	58.5	92.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	59	U	59	92.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPE	SDG No.:	BF061924
Lab Sample ID:	P2930-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.4
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
BF138249.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	61.5	U	61.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.9	U	54.9	92.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	58.4	U	58.4	92.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.6	U	50.6	92.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52.4	U	52.4	92.1	120	ug/Kg
92-52-4	1,1-Biphenyl	61.9	U	61.9	92.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	59	92.1	120	ug/Kg
88-74-4	2-Nitroaniline	67.3	U	67.3	92.1	120	ug/Kg
131-11-3	Dimethylphthalate	57.9	U	57.9	92.1	120	ug/Kg
208-96-8	Acenaphthylene	61.2	U	61.2	92.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.9	U	58.9	92.1	120	ug/Kg
99-09-2	3-Nitroaniline	63.2	U	63.2	92.1	120	ug/Kg
83-32-9	Acenaphthene	57.4	U	57.4	92.1	120	ug/Kg
Total PAH	Total PAH	2961.4	U	938.3	92.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	82.1	U	82.1	190	230	ug/Kg
132-64-9	Dibenzofuran	59.8	U	59.8	92.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	119.9	U	119.9	92.1	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	92.1	120	ug/Kg
84-66-2	Diethylphthalate	56.7	U	56.7	92.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.6	U	60.6	92.1	120	ug/Kg
86-73-7	Fluorene	60.5	U	60.5	92.1	120	ug/Kg
100-01-6	4-Nitroaniline	75.8	U	75.8	92.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	82.8	U	82.8	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	57.8	U	57.8	92.1	120	ug/Kg
103-33-3	Azobenzene	56.4	U	56.4	92.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55.9	U	55.9	92.1	120	ug/Kg
118-74-1	Hexachlorobenzene	60.2	U	60.2	92.1	120	ug/Kg
1912-24-9	Atrazine	64.7	U	64.7	92.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPE	SDG No.:	BF061924
Lab Sample ID:	P2930-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.4
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
BF138249.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54.7	U	54.7	190	230	ug/Kg
85-01-8	Phenanthrene	410		59.5	92.1	120	ug/Kg
120-12-7	Anthracene	120		59.8	92.1	120	ug/Kg
86-74-8	Carbazole	56.9	U	56.9	92.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	59.7	U	59.7	92.1	120	ug/Kg
206-44-0	Fluoranthene	530		57.9	92.1	120	ug/Kg
92-87-5	Benzidine	120	U	120	190	230	ug/Kg
129-00-0	Pyrene	410		58.8	92.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	68.5	U	68.5	92.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69.8	U	69.8	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	320		57.1	92.1	120	ug/Kg
218-01-9	Chrysene	300		56.3	92.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	64.4	U	64.4	92.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	77.9	U	77.9	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	310		57.4	92.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	120		58.5	92.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	260		65.9	92.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91	J	55.3	92.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57.5	U	57.5	92.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	90.4	J	56.7	92.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61.5	U	61.5	92.1	120	ug/Kg
123-91-1	1,4-Dioxane	77.9	U	77.9	92.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52.9	U	52.9	92.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	58.9	U	58.9	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110.405		18-112		74	SPK: -150
13127-88-3	Phenol-d6	105.432		15-107		70	SPK: -150
4165-60-0	Nitrobenzene-d5	78.161		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	73.501		20-109		74	SPK: -100

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPE	SDG No.:	BF061924
Lab Sample ID:	P2930-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.4
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
BF138249.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	101.82		10-110		68	SPK: -150
1718-51-0	Terphenyl-d14	63.709		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	317316	6.887				
1146-65-2	Naphthalene-d8	1180690	8.163				
15067-26-2	Acenaphthene-d10	573331	9.916				
1517-22-2	Phenanthrene-d10	845305	11.404				
1719-03-5	Chrysene-d12	591201	14.039				
1520-96-3	Perylene-d12	530473	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1500	J			2.205	
000057-55-6	Propylene Glycol	250	J			3.457	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.116	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	140	J			6.71	
000770-35-4	1-Phenoxypropan-2-ol	160	J			8.475	
	unknown10.022	1000	J			10.022	
000613-12-7	Anthracene, 2-methyl-	83.6	J			11.904	
002531-84-2	Phenanthrene, 2-methyl-	290	J			11.933	
000832-71-3	Phenanthrene, 3-methyl-	58.1	J			11.98	
000203-64-5	4H-Cyclopenta[def]phenanthrene	130	J			12.016	
000832-64-4	Phenanthrene, 4-methyl-	54.8	J			12.039	
000612-94-2	Naphthalene, 2-phenyl-	60.2	J			12.198	
003674-66-6	Phenanthrene, 2,5-dimethyl-	72.9	J			12.451	
	unknown12.498	88.3	J			12.498	
000057-11-4	Octadecanoic acid	56.2	J			12.71	
000301-02-0	9-Octadecenamide, (Z)-	60.7	J			13.469	
015594-90-8	1-Heneicosanol	120	J			13.886	
021164-95-4	Hexadecane, 7,9-dimethyl-	56.9	J			15.163	
000192-97-2	Benzo[e]pyrene	74.3	J			15.192	

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPE	SDG No.:	BF061924
Lab Sample ID:	P2930-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.4
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
BF138249.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000198-55-0	Perylene	160	J			15.386	

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPEMS	SDG No.:	BF061924
Lab Sample ID:	P2930-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.4
Sample Wt/Vol:	50.03 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
BF138250.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		61.5	190	230	ug/Kg
110-86-1	Pyridine	930		56.6	92.1	120	ug/Kg
100-52-7	Benzaldehyde	490		130	190	230	ug/Kg
62-53-3	Aniline	560		68.7	92.1	120	ug/Kg
108-95-2	Phenol	1100		58.8	92.1	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		59.3	92.1	120	ug/Kg
95-57-8	2-Chlorophenol	1100		59.2	92.1	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		60	92.1	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	980		61	92.1	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	990		61.3	92.1	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		58.8	190	230	ug/Kg
95-48-7	2-Methylphenol	1000		57.1	92.1	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		64.4	92.1	120	ug/Kg
98-86-2	Acetophenone	930		61.6	92.1	120	ug/Kg
65794-96-9	3+4-Methylphenols	980		56.6	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		28.6	56.7	56.7	ug/Kg
67-72-1	Hexachloroethane	1000		58.8	92.1	120	ug/Kg
98-95-3	Nitrobenzene	1000		64.4	92.1	120	ug/Kg
78-59-1	Isophorone	1100		60	92.1	120	ug/Kg
88-75-5	2-Nitrophenol	1400		67	92.1	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		66.1	92.1	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		60.8	92.1	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		53.5	92.1	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		60.5	92.1	120	ug/Kg
65-85-0	Benzoic acid	1100		170	190	230	ug/Kg
91-20-3	Naphthalene	990		58.5	92.1	120	ug/Kg
106-47-8	4-Chloroaniline	170		58.5	92.1	120	ug/Kg
87-68-3	Hexachlorobutadiene	990		59	92.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPEMS	SDG No.:	BF061924
Lab Sample ID:	P2930-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.4
Sample Wt/Vol:	50.03 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
BF138250.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1000		61.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		54.9	92.1	120	ug/Kg
91-57-6	2-Methylnaphthalene	970		58.5	92.1	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2200	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		50.6	92.1	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		52.5	92.1	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		61.9	92.1	120	ug/Kg
91-58-7	2-Chloronaphthalene	1000		59	92.1	120	ug/Kg
88-74-4	2-Nitroaniline	1200		67.3	92.1	120	ug/Kg
131-11-3	Dimethylphthalate	1200		57.9	92.1	120	ug/Kg
208-96-8	Acenaphthylene	1100		61.3	92.1	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		59	92.1	120	ug/Kg
99-09-2	3-Nitroaniline	750		63.2	92.1	120	ug/Kg
83-32-9	Acenaphthene	1100		57.5	92.1	120	ug/Kg
Total PAH	Total PAH	18990		939.1	92.1	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1700		170	190	230	ug/Kg
100-02-7	4-Nitrophenol	1800		82.2	190	230	ug/Kg
132-64-9	Dibenzofuran	1000		59.8	92.1	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2400		120.1	92.1	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		61.1	92.1	120	ug/Kg
84-66-2	Diethylphthalate	1100		56.8	92.1	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		60.7	92.1	120	ug/Kg
86-73-7	Fluorene	950		60.6	92.1	120	ug/Kg
100-01-6	4-Nitroaniline	910		75.8	92.1	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		82.9	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		57.8	92.1	120	ug/Kg
103-33-3	Azobenzene	1000		56.4	92.1	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		55.9	92.1	120	ug/Kg
118-74-1	Hexachlorobenzene	1000		60.2	92.1	120	ug/Kg
1912-24-9	Atrazine	1200		64.8	92.1	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPEMS	SDG No.:	BF061924
Lab Sample ID:	P2930-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.4
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
BF138250.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000	E	54.8	190	230	ug/Kg
85-01-8	Phenanthrene	1300		59.5	92.1	120	ug/Kg
120-12-7	Anthracene	1200		59.8	92.1	120	ug/Kg
86-74-8	Carbazole	1000		56.9	92.1	120	ug/Kg
84-74-2	Di-n-butylphthalate	1200		59.8	92.1	120	ug/Kg
206-44-0	Fluoranthene	1400		57.9	92.1	120	ug/Kg
92-87-5	Benzidine	2400	E	120	190	230	ug/Kg
129-00-0	Pyrene	1300		58.8	92.1	120	ug/Kg
85-68-7	Butylbenzylphthalate	1500		68.6	92.1	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	950		69.9	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1300		57.2	92.1	120	ug/Kg
218-01-9	Chrysene	1300		56.3	92.1	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		64.5	92.1	120	ug/Kg
117-84-0	Di-n-octyl phthalate	2000	E	78	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		57.5	92.1	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		58.5	92.1	120	ug/Kg
50-32-8	Benzo(a)pyrene	1400		65.9	92.1	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		55.4	92.1	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		57.6	92.1	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	950		56.8	92.1	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		61.5	92.1	120	ug/Kg
123-91-1	1,4-Dioxane	880		78	92.1	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		52.9	92.1	120	ug/Kg
90-12-0	1-Methylnaphthalene	920		59	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	97.42		18-112		65	SPK: -150
13127-88-3	Phenol-d6	95.384		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	69.446		18-107		69	SPK: -100
321-60-8	2-Fluorobiphenyl	67.586		20-109		68	SPK: -100

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPEMS	SDG No.:	BF061924
Lab Sample ID:	P2930-01MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.4
Sample Wt/Vol:	50.03 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
BF138250.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	91.809		10-110		61	SPK: -150
1718-51-0	Terphenyl-d14	61.796		14-112		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	331887	6.886				
1146-65-2	Naphthalene-d8	1235963	8.169				
15067-26-2	Acenaphthene-d10	583708	9.922				
1517-22-2	Phenanthrene-d10	844336	11.404				
1719-03-5	Chrysene-d12	543635	14.045				
1520-96-3	Perylene-d12	502170	15.515				

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPEMSD	SDG No.:	BF061924
Lab Sample ID:	P2930-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.4
Sample Wt/Vol:	50.01 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
BF138251.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1100		61.5	190	230	ug/Kg
110-86-1	Pyridine	990		56.7	92.2	120	ug/Kg
100-52-7	Benzaldehyde	500		130	190	230	ug/Kg
62-53-3	Aniline	600		68.7	92.2	120	ug/Kg
108-95-2	Phenol	1100		58.8	92.2	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		59.3	92.2	120	ug/Kg
95-57-8	2-Chlorophenol	1100		59.2	92.2	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	1000		60	92.2	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	1000		61	92.2	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	1000		61.3	92.2	120	ug/Kg
100-51-6	Benzyl Alcohol	1100		58.9	190	230	ug/Kg
95-48-7	2-Methylphenol	1100		57.2	92.2	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		64.5	92.2	120	ug/Kg
98-86-2	Acetophenone	960		61.6	92.2	120	ug/Kg
65794-96-9	3+4-Methylphenols	990		56.6	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1000		28.6	56.7	56.7	ug/Kg
67-72-1	Hexachloroethane	1100		58.9	92.2	120	ug/Kg
98-95-3	Nitrobenzene	1100		64.4	92.2	120	ug/Kg
78-59-1	Isophorone	1100		60	92.2	120	ug/Kg
88-75-5	2-Nitrophenol	1400		67	92.2	120	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		66.1	92.2	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1100		60.8	92.2	120	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		53.5	92.2	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		60.6	92.2	120	ug/Kg
65-85-0	Benzoic acid	1100		170	190	230	ug/Kg
91-20-3	Naphthalene	1000		58.6	92.2	120	ug/Kg
106-47-8	4-Chloroaniline	190		58.6	92.2	120	ug/Kg
87-68-3	Hexachlorobutadiene	1000		59.1	92.2	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPEMSD	SDG No.:	BF061924
Lab Sample ID:	P2930-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.4
Sample Wt/Vol:	50.01 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
BF138251.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1100		61.5	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		55	92.2	120	ug/Kg
91-57-6	2-Methylnaphthalene	990		58.5	92.2	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2100	E	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		50.6	92.2	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		52.5	92.2	120	ug/Kg
92-52-4	1,1-Biphenyl	1000		62	92.2	120	ug/Kg
91-58-7	2-Chloronaphthalene	1100		59.1	92.2	120	ug/Kg
88-74-4	2-Nitroaniline	1300		67.4	92.2	120	ug/Kg
131-11-3	Dimethylphthalate	1200		57.9	92.2	120	ug/Kg
208-96-8	Acenaphthylene	1100		61.3	92.2	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		59	92.2	120	ug/Kg
99-09-2	3-Nitroaniline	790		63.2	92.2	120	ug/Kg
83-32-9	Acenaphthene	1100		57.5	92.2	120	ug/Kg
Total PAH	Total PAH	19460		939.6	92.2	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	1700		170	190	230	ug/Kg
100-02-7	4-Nitrophenol	1800		82.3	190	230	ug/Kg
132-64-9	Dibenzofuran	1000		59.8	92.2	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2400		120.1	92.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		61.1	92.2	120	ug/Kg
84-66-2	Diethylphthalate	1200		56.8	92.2	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		60.7	92.2	120	ug/Kg
86-73-7	Fluorene	970		60.6	92.2	120	ug/Kg
100-01-6	4-Nitroaniline	940		75.9	92.2	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		83	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1200		57.9	92.2	120	ug/Kg
103-33-3	Azobenzene	1000		56.4	92.2	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		55.9	92.2	120	ug/Kg
118-74-1	Hexachlorobenzene	1100		60.3	92.2	120	ug/Kg
1912-24-9	Atrazine	1300		64.8	92.2	120	ug/Kg



Client:				Date Collected:	6/17/2024 12:00:00 AM	
Project:				Date Received:	6/17/2024 12:00:00 AM	
Client Sample ID:	WCS-TPEMSD			SDG No.:	BF061924	
Lab Sample ID:	P2930-01MSD			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	15.4	
Sample Wt/Vol:	50.01	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
BF138251.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000	E	54.8	190	230	ug/Kg
85-01-8	Phenanthrene	1400		59.6	92.2	120	ug/Kg
120-12-7	Anthracene	1200		59.8	92.2	120	ug/Kg
86-74-8	Carbazole	1100		56.9	92.2	120	ug/Kg
84-74-2	Di-n-butylphthalate	1300		59.8	92.2	120	ug/Kg
206-44-0	Fluoranthene	1400		57.9	92.2	120	ug/Kg
92-87-5	Benzidine	2600	E	120	190	230	ug/Kg
129-00-0	Pyrene	1300		58.9	92.2	120	ug/Kg
85-68-7	Butylbenzylphthalate	1600		68.6	92.2	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		69.9	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	1400		57.2	92.2	120	ug/Kg
218-01-9	Chrysene	1400		56.4	92.2	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		64.5	92.2	120	ug/Kg
117-84-0	Di-n-octyl phthalate	2100	E	78	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		57.5	92.2	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		58.6	92.2	120	ug/Kg
50-32-8	Benzo(a)pyrene	1400		65.9	92.2	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		55.4	92.2	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		57.6	92.2	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	990		56.8	92.2	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		61.5	92.2	120	ug/Kg
123-91-1	1,4-Dioxane	900		78	92.2	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		53	92.2	120	ug/Kg
90-12-0	1-Methylnaphthalene	940		59	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.883		18-112		67	SPK: -150
13127-88-3	Phenol-d6	98.233		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	71.379		18-107		71	SPK: -100
321-60-8	2-Fluorobiphenyl	69.568		20-109		70	SPK: -100

Report of Analysis

Client:		Date Collected:	6/17/2024 12:00:00 AM
Project:		Date Received:	6/17/2024 12:00:00 AM
Client Sample ID:	WCS-TPEMSD	SDG No.:	BF061924
Lab Sample ID:	P2930-01MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.4
Sample Wt/Vol:	50.01 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
BF138251.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	93.819		10-110		63	SPK: -150
1718-51-0	Terphenyl-d14	64.335		14-112		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	323717	6.887				
1146-65-2	Naphthalene-d8	1201587	8.169				
15067-26-2	Acenaphthene-d10	564185	9.922				
1517-22-2	Phenanthrene-d10	799845	11.404				
1719-03-5	Chrysene-d12	508558	14.045				
1520-96-3	Perylene-d12	472787	15.515				

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	72-11978	SDG No.:	BF061924
Lab Sample ID:	P2943-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
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
BF138252.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	56.8	U	56.8	180	220	ug/Kg
110-86-1	Pyridine	52.3	U	52.3	85	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	63.4	U	63.4	85	110	ug/Kg
108-95-2	Phenol	54.2	U	54.2	85	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54.7	U	54.7	85	110	ug/Kg
95-57-8	2-Chlorophenol	54.6	U	54.6	85	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.3	U	55.3	85	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.2	U	56.2	85	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.6	U	56.6	85	110	ug/Kg
100-51-6	Benzyl Alcohol	54.3	U	54.3	180	220	ug/Kg
95-48-7	2-Methylphenol	52.7	U	52.7	85	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59.5	U	59.5	85	110	ug/Kg
98-86-2	Acetophenone	56.8	U	56.8	85	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.2	U	52.2	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.4	U	26.4	52.3	52.3	ug/Kg
67-72-1	Hexachloroethane	54.3	U	54.3	85	110	ug/Kg
98-95-3	Nitrobenzene	59.4	U	59.4	85	110	ug/Kg
78-59-1	Isophorone	55.3	U	55.3	85	110	ug/Kg
88-75-5	2-Nitrophenol	61.8	U	61.8	85	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61	U	61	85	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.1	U	56.1	85	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.4	U	49.4	85	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	55.9	U	55.9	85	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54	U	54	85	110	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	85	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.5	U	54.5	85	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	72-11978	SDG No.:	BF061924
Lab Sample ID:	P2943-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
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
BF138252.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	56.8	U	56.8	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50.7	U	50.7	85	110	ug/Kg
91-57-6	2-Methylnaphthalene	54	U	54	85	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46.7	U	46.7	85	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.4	U	48.4	85	110	ug/Kg
92-52-4	1,1-Biphenyl	57.2	U	57.2	85	110	ug/Kg
91-58-7	2-Chloronaphthalene	54.5	U	54.5	85	110	ug/Kg
88-74-4	2-Nitroaniline	62.1	U	62.1	85	110	ug/Kg
131-11-3	Dimethylphthalate	53.4	U	53.4	85	110	ug/Kg
208-96-8	Acenaphthylene	56.6	U	56.6	85	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	54.4	U	54.4	85	110	ug/Kg
99-09-2	3-Nitroaniline	58.3	U	58.3	85	110	ug/Kg
83-32-9	Acenaphthene	53	U	53	85	110	ug/Kg
Total PAH	Total PAH	1474.3	U	866.5	85	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	75.9	U	75.9	180	220	ug/Kg
132-64-9	Dibenzofuran	55.2	U	55.2	85	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	10.8	U	110.8	85	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	56.4	U	56.4	85	110	ug/Kg
84-66-2	Diethylphthalate	52.4	U	52.4	85	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	85	110	ug/Kg
86-73-7	Fluorene	55.9	U	55.9	85	110	ug/Kg
100-01-6	4-Nitroaniline	70	U	70	85	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	76.5	U	76.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.4	U	53.4	85	110	ug/Kg
103-33-3	Azobenzene	52.1	U	52.1	85	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51.6	U	51.6	85	110	ug/Kg
118-74-1	Hexachlorobenzene	55.6	U	55.6	85	110	ug/Kg
1912-24-9	Atrazine	59.8	U	59.8	85	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	72-11978	SDG No.:	BF061924
Lab Sample ID:	P2943-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
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
BF138252.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	50.6	U	50.6	180	220	ug/Kg
85-01-8	Phenanthrene	97.9	J	54.9	85	110	ug/Kg
120-12-7	Anthracene	55.2	U	55.2	85	110	ug/Kg
86-74-8	Carbazole	52.5	U	52.5	85	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.1	U	55.1	85	110	ug/Kg
206-44-0	Fluoranthene	250		53.4	85	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	210		54.3	85	110	ug/Kg
85-68-7	Butylbenzylphthalate	63.3	U	63.3	85	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64.5	U	64.5	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	150		52.8	85	110	ug/Kg
218-01-9	Chrysene	170		52	85	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.5	U	59.5	85	110	ug/Kg
117-84-0	Di-n-octyl phthalate	71.9	U	71.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	220		53	85	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	78.8	J	54	85	110	ug/Kg
50-32-8	Benzo(a)pyrene	150		60.8	85	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	68.7	J	51.1	85	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.1	U	53.1	85	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	78.9	J	52.4	85	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56.8	U	56.8	85	110	ug/Kg
123-91-1	1,4-Dioxane	71.9	U	71.9	85	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48.9	U	48.9	85	110	ug/Kg
90-12-0	1-Methylnaphthalene	54.4	U	54.4	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.683		18-112		53	SPK: -150
13127-88-3	Phenol-d6	75.272		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	54.292		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	58.278		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	72-11978	SDG No.:	BF061924
Lab Sample ID:	P2943-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
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
BF138252.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.838		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	49.329		14-112		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	292176	6.881				
1146-65-2	Naphthalene-d8	1085191	8.163				
15067-26-2	Acenaphthene-d10	501043	9.916				
1517-22-2	Phenanthrene-d10	712243	11.404				
1719-03-5	Chrysene-d12	508471	14.039				
1520-96-3	Perylene-d12	447760	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.199	
	unknown3.422	130	J			3.422	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	77.4	A			5.104	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	75.4	J			6.704	
000770-35-4	1-Phenoxypropan-2-ol	85.2	J			8.475	
000610-48-0	Anthracene, 1-methyl-	80.7	J			11.928	
018435-45-5	1-Nonadecene	73.7	J			13.886	
000791-28-6	Triphenylphosphine oxide	50.6	J			14.139	
000544-76-3	Hexadecane	62.4	J			14.515	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	73.3	J			14.674	
000192-97-2	Benzo[e]pyrene	82.4	J			15.192	
000198-55-0	Perylene	110	J			15.386	
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	61	J			15.998	
	unknown18.174	100	J			18.174	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	VNJ-212	SDG No.:	BF061924
Lab Sample ID:	P2943-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF138253.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.4	U	57.4	180	220	ug/Kg
110-86-1	Pyridine	52.8	U	52.8	85.9	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.1	U	64.1	85.9	110	ug/Kg
108-95-2	Phenol	54.8	U	54.8	85.9	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.3	U	55.3	85.9	110	ug/Kg
95-57-8	2-Chlorophenol	55.2	U	55.2	85.9	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	55.9	U	55.9	85.9	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.9	U	56.9	85.9	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.2	U	57.2	85.9	110	ug/Kg
100-51-6	Benzyl Alcohol	54.9	U	54.9	180	220	ug/Kg
95-48-7	2-Methylphenol	53.3	U	53.3	85.9	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.1	U	60.1	85.9	110	ug/Kg
98-86-2	Acetophenone	57.4	U	57.4	85.9	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.8	U	52.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.6	U	26.6	52.9	52.9	ug/Kg
67-72-1	Hexachloroethane	54.9	U	54.9	85.9	110	ug/Kg
98-95-3	Nitrobenzene	60	U	60	85.9	110	ug/Kg
78-59-1	Isophorone	55.9	U	55.9	85.9	110	ug/Kg
88-75-5	2-Nitrophenol	62.5	U	62.5	85.9	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.6	U	61.6	85.9	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.7	U	56.7	85.9	110	ug/Kg
120-83-2	2,4-Dichlorophenol	49.9	U	49.9	85.9	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.5	U	56.5	85.9	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.6	U	54.6	85.9	110	ug/Kg
106-47-8	4-Chloroaniline	54.6	U	54.6	85.9	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.1	U	55.1	85.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	VNJ-212	SDG No.:	BF061924
Lab Sample ID:	P2943-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF138253.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.4	U	57.4	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.2	U	51.2	85.9	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.5	U	54.5	85.9	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.2	U	47.2	85.9	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48.9	U	48.9	85.9	110	ug/Kg
92-52-4	1,1-Biphenyl	57.8	U	57.8	85.9	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.1	U	55.1	85.9	110	ug/Kg
88-74-4	2-Nitroaniline	62.8	U	62.8	85.9	110	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	85.9	110	ug/Kg
208-96-8	Acenaphthylene	57.2	U	57.2	85.9	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	85.9	110	ug/Kg
99-09-2	3-Nitroaniline	59	U	59	85.9	110	ug/Kg
83-32-9	Acenaphthene	53.6	U	53.6	85.9	110	ug/Kg
Total PAH	Total PAH	2130	U	876	85.9	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.7	U	76.7	180	220	ug/Kg
132-64-9	Dibenzofuran	55.8	U	55.8	85.9	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	112	U	112	85.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	85.9	110	ug/Kg
84-66-2	Diethylphthalate	53	U	53	85.9	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.6	U	56.6	85.9	110	ug/Kg
86-73-7	Fluorene	56.5	U	56.5	85.9	110	ug/Kg
100-01-6	4-Nitroaniline	70.7	U	70.7	85.9	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.3	U	77.3	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	53.9	U	53.9	85.9	110	ug/Kg
103-33-3	Azobenzene	52.6	U	52.6	85.9	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.2	U	52.2	85.9	110	ug/Kg
118-74-1	Hexachlorobenzene	56.2	U	56.2	85.9	110	ug/Kg
1912-24-9	Atrazine	60.4	U	60.4	85.9	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	VNJ-212	SDG No.:	BF061924
Lab Sample ID:	P2943-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF138253.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.1	U	51.1	180	220	ug/Kg
85-01-8	Phenanthrene	140		55.5	85.9	110	ug/Kg
120-12-7	Anthracene	55.8	U	55.8	85.9	110	ug/Kg
86-74-8	Carbazole	53.1	U	53.1	85.9	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.7	U	55.7	85.9	110	ug/Kg
206-44-0	Fluoranthene	360		54	85.9	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	300		54.9	85.9	110	ug/Kg
85-68-7	Butylbenzylphthalate	64	U	64	85.9	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.2	U	65.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	180		53.3	85.9	110	ug/Kg
218-01-9	Chrysene	220		52.6	85.9	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.2	U	60.2	85.9	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.7	U	72.7	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	330		53.6	85.9	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	120		54.6	85.9	110	ug/Kg
50-32-8	Benzo(a)pyrene	220		61.5	85.9	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120		51.6	85.9	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.7	U	53.7	85.9	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140		53	85.9	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.4	U	57.4	85.9	110	ug/Kg
123-91-1	1,4-Dioxane	72.7	U	72.7	85.9	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.4	U	49.4	85.9	110	ug/Kg
90-12-0	1-Methylnaphthalene	55	U	55	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.878		18-112		53	SPK: -150
13127-88-3	Phenol-d6	75.623		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	54.231		18-107		54	SPK: -100
321-60-8	2-Fluorobiphenyl	57.808		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	VNJ-212	SDG No.:	BF061924
Lab Sample ID:	P2943-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
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
BF138253.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.347		10-110		48	SPK: -150
1718-51-0	Terphenyl-d14	50.022		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	301739	6.881				
1146-65-2	Naphthalene-d8	1091320	8.163				
15067-26-2	Acenaphthene-d10	494242	9.916				
1517-22-2	Phenanthrene-d10	696668	11.404				
1719-03-5	Chrysene-d12	523882	14.039				
1520-96-3	Perylene-d12	453725	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.193	
000057-55-6	Propylene Glycol	140	J			3.416	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	77.6	A			5.104	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	66.5	J			6.704	
000770-35-4	1-Phenoxypropan-2-ol	88.8	J			8.475	
000057-10-3	n-Hexadecanoic acid	120	J			11.928	
000203-64-5	4H-Cyclopenta[def]phenanthrene	52.2	J			12.016	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	46.1	J			13.786	
1000406-04-8	Pentadecafluorooctanoic acid, octa	88.6	J			13.886	
000791-28-6	Triphenylphosphine oxide	51.1	J			14.139	
000137-89-3	1,3-Benzenedicarboxylic acid, bis(	69.2	J			14.669	
000593-45-3	Octadecane	47.4	J			15.163	
000192-97-2	Benzo[e]pyrene	73.6	J			15.192	
000205-82-3	Benzo[j]fluoranthene	200	J			15.386	
000646-31-1	Tetracosane	59.3	J			15.998	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF061924
Lab Sample ID:	P2955-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
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
BF138254.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.9	U	57.9	180	220	ug/Kg
110-86-1	Pyridine	53.3	U	53.3	86.6	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.6	U	64.6	86.6	110	ug/Kg
108-95-2	Phenol	55.3	U	55.3	86.6	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.8	U	55.8	86.6	110	ug/Kg
95-57-8	2-Chlorophenol	55.7	U	55.7	86.6	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.4	U	56.4	86.6	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.3	U	57.3	86.6	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.7	U	57.7	86.6	110	ug/Kg
100-51-6	Benzyl Alcohol	55.3	U	55.3	180	220	ug/Kg
95-48-7	2-Methylphenol	53.7	U	53.7	86.6	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.6	U	60.6	86.6	110	ug/Kg
98-86-2	Acetophenone	57.9	U	57.9	86.6	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.2	U	53.2	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.9	U	26.9	53.3	53.3	ug/Kg
67-72-1	Hexachloroethane	55.3	U	55.3	86.6	110	ug/Kg
98-95-3	Nitrobenzene	60.5	U	60.5	86.6	110	ug/Kg
78-59-1	Isophorone	56.4	U	56.4	86.6	110	ug/Kg
88-75-5	2-Nitrophenol	63	U	63	86.6	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.1	U	62.1	86.6	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.2	U	57.2	86.6	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.3	U	50.3	86.6	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.9	U	56.9	86.6	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.1	U	55.1	86.6	110	ug/Kg
106-47-8	4-Chloroaniline	55.1	U	55.1	86.6	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.5	U	55.5	86.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF061924
Lab Sample ID:	P2955-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
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
BF138254.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.9	U	57.9	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.7	U	51.7	86.6	110	ug/Kg
91-57-6	2-Methylnaphthalene	55	U	55	86.6	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.6	U	47.6	86.6	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.3	U	49.3	86.6	110	ug/Kg
92-52-4	1,1-Biphenyl	58.2	U	58.2	86.6	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.5	U	55.5	86.6	110	ug/Kg
88-74-4	2-Nitroaniline	63.3	U	63.3	86.6	110	ug/Kg
131-11-3	Dimethylphthalate	54.5	U	54.5	86.6	110	ug/Kg
208-96-8	Acenaphthylene	57.7	U	57.7	86.6	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.5	U	55.5	86.6	110	ug/Kg
99-09-2	3-Nitroaniline	59.4	U	59.4	86.6	110	ug/Kg
83-32-9	Acenaphthene	54.1	U	54.1	86.6	110	ug/Kg
Total PAH	Total PAH	883.6	U	883.6	86.6	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	77.3	U	77.3	180	220	ug/Kg
132-64-9	Dibenzofuran	56.3	U	56.3	86.6	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	113	U	113	86.6	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.5	U	57.5	86.6	110	ug/Kg
84-66-2	Diethylphthalate	53.4	U	53.4	86.6	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.1	U	57.1	86.6	110	ug/Kg
86-73-7	Fluorene	57	U	57	86.6	110	ug/Kg
100-01-6	4-Nitroaniline	71.3	U	71.3	86.6	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78	U	78	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54.4	U	54.4	86.6	110	ug/Kg
103-33-3	Azobenzene	53.1	U	53.1	86.6	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.6	U	52.6	86.6	110	ug/Kg
118-74-1	Hexachlorobenzene	56.7	U	56.7	86.6	110	ug/Kg
1912-24-9	Atrazine	60.9	U	60.9	86.6	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF061924
Lab Sample ID:	P2955-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
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
BF138254.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.5	U	51.5	180	220	ug/Kg
85-01-8	Phenanthrene	56	U	56	86.6	110	ug/Kg
120-12-7	Anthracene	56.3	U	56.3	86.6	110	ug/Kg
86-74-8	Carbazole	53.5	U	53.5	86.6	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.2	U	56.2	86.6	110	ug/Kg
206-44-0	Fluoranthene	54.5	U	54.5	86.6	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	55.3	U	55.3	86.6	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.5	U	64.5	86.6	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.7	U	65.7	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	53.8	U	53.8	86.6	110	ug/Kg
218-01-9	Chrysene	55.3	J	53	86.6	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.6	U	60.6	86.6	110	ug/Kg
117-84-0	Di-n-octyl phthalate	73.3	U	73.3	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	68.6	J	54.1	86.6	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.1	U	55.1	86.6	110	ug/Kg
50-32-8	Benzo(a)pyrene	62	U	62	86.6	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.1	U	52.1	86.6	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.1	U	54.1	86.6	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.4	U	53.4	86.6	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.9	U	57.9	86.6	110	ug/Kg
123-91-1	1,4-Dioxane	73.3	U	73.3	86.6	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.8	U	49.8	86.6	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.5	U	55.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	64.199		18-112		43	SPK: -150
13127-88-3	Phenol-d6	60.236		15-107		40	SPK: -150
4165-60-0	Nitrobenzene-d5	46.012		18-107		46	SPK: -100
321-60-8	2-Fluorobiphenyl	49.34		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BF061924
Lab Sample ID:	P2955-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.1
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
BF138254.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	56.419		10-110		38	SPK: -150
1718-51-0	Terphenyl-d14	40.438		14-112		40	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	307721	6.887				
1146-65-2	Naphthalene-d8	1098631	8.163				
15067-26-2	Acenaphthene-d10	469737	9.916				
1517-22-2	Phenanthrene-d10	682276	11.404				
1719-03-5	Chrysene-d12	487344	14.045				
1520-96-3	Perylene-d12	427697	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	930	J			2.187	
004254-14-2	R-(-)-1,2-propanediol	58	J			3.393	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	84	A			5.098	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	76.9	J			6.704	
000770-35-4	1-Phenoxypropan-2-ol	100	J			8.475	
	unknown9.316	73.1	J			9.316	
054832-83-6	1H-Indene, octahydro-2,2,4,4,7,7-h	50.4	J			9.628	
	unknown10.016	480	J			10.016	
	unknown10.833	83.8	J			10.833	
000057-10-3	n-Hexadecanoic acid	230	J			11.933	
000057-11-4	Octadecanoic acid	85.8	J			12.716	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	VK-1	SDG No.:	BF061924
Lab Sample ID:	P2955-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
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
BF138255.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	57.5	U	57.5	180	220	ug/Kg
110-86-1	Pyridine	52.9	U	52.9	86.1	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	64.2	U	64.2	86.1	110	ug/Kg
108-95-2	Phenol	54.9	U	54.9	86.1	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55.4	U	55.4	86.1	110	ug/Kg
95-57-8	2-Chlorophenol	55.3	U	55.3	86.1	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	56	U	56	86.1	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57	U	57	86.1	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.3	U	57.3	86.1	110	ug/Kg
100-51-6	Benzyl Alcohol	55	U	55	180	220	ug/Kg
95-48-7	2-Methylphenol	53.4	U	53.4	86.1	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60.2	U	60.2	86.1	110	ug/Kg
98-86-2	Acetophenone	57.6	U	57.6	86.1	110	ug/Kg
65794-96-9	3+4-Methylphenols	52.9	U	52.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	26.7	U	26.7	53	53	ug/Kg
67-72-1	Hexachloroethane	55	U	55	86.1	110	ug/Kg
98-95-3	Nitrobenzene	60.1	U	60.1	86.1	110	ug/Kg
78-59-1	Isophorone	56	U	56	86.1	110	ug/Kg
88-75-5	2-Nitrophenol	62.6	U	62.6	86.1	110	ug/Kg
105-67-9	2,4-Dimethylphenol	61.7	U	61.7	86.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56.8	U	56.8	86.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	86.1	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	56.6	U	56.6	86.1	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	54.7	U	54.7	86.1	110	ug/Kg
106-47-8	4-Chloroaniline	54.7	U	54.7	86.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.2	U	55.2	86.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	VK-1	SDG No.:	BF061924
Lab Sample ID:	P2955-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
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
BF138255.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	57.5	U	57.5	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51.3	U	51.3	86.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	54.6	U	54.6	86.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47.3	U	47.3	86.1	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	86.1	110	ug/Kg
92-52-4	1,1-Biphenyl	57.9	U	57.9	86.1	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.2	U	55.2	86.1	110	ug/Kg
88-74-4	2-Nitroaniline	62.9	U	62.9	86.1	110	ug/Kg
131-11-3	Dimethylphthalate	54.1	U	54.1	86.1	110	ug/Kg
208-96-8	Acenaphthylene	57.3	U	57.3	86.1	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	55.1	U	55.1	86.1	110	ug/Kg
99-09-2	3-Nitroaniline	59.1	U	59.1	86.1	110	ug/Kg
83-32-9	Acenaphthene	53.7	U	53.7	86.1	110	ug/Kg
Total PAH	Total PAH	877.6	U	877.6	86.1	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.8	U	76.8	180	220	ug/Kg
132-64-9	Dibenzofuran	55.9	U	55.9	86.1	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	57.1	U	57.1	86.1	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	112.2	U	112.2	86.1	220	ug/Kg
84-66-2	Diethylphthalate	53.1	U	53.1	86.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56.7	U	56.7	86.1	110	ug/Kg
86-73-7	Fluorene	56.6	U	56.6	86.1	110	ug/Kg
100-01-6	4-Nitroaniline	70.9	U	70.9	86.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77.5	U	77.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	54	U	54	86.1	110	ug/Kg
103-33-3	Azobenzene	52.7	U	52.7	86.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52.3	U	52.3	86.1	110	ug/Kg
118-74-1	Hexachlorobenzene	56.3	U	56.3	86.1	110	ug/Kg
1912-24-9	Atrazine	60.5	U	60.5	86.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	VK-1	SDG No.:	BF061924
Lab Sample ID:	P2955-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
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
BF138255.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	51.2	U	51.2	180	220	ug/Kg
85-01-8	Phenanthrene	55.6	U	55.6	86.1	110	ug/Kg
120-12-7	Anthracene	55.9	U	55.9	86.1	110	ug/Kg
86-74-8	Carbazole	53.2	U	53.2	86.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	55.8	U	55.8	86.1	110	ug/Kg
206-44-0	Fluoranthene	110		54.1	86.1	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	89.8	J	55	86.1	110	ug/Kg
85-68-7	Butylbenzylphthalate	64.1	U	64.1	86.1	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65.3	U	65.3	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	60	J	53.4	86.1	110	ug/Kg
218-01-9	Chrysene	61.7	J	52.7	86.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60.3	U	60.3	86.1	110	ug/Kg
117-84-0	Di-n-octyl phthalate	72.9	U	72.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	87.5	J	53.7	86.1	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	54.7	U	54.7	86.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	66.7	J	61.6	86.1	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	51.7	U	51.7	86.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53.8	U	53.8	86.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53.1	U	53.1	86.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57.5	U	57.5	86.1	110	ug/Kg
123-91-1	1,4-Dioxane	72.9	U	72.9	86.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49.5	U	49.5	86.1	110	ug/Kg
90-12-0	1-Methylnaphthalene	55.1	U	55.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	73.651		18-112		49	SPK: -150
13127-88-3	Phenol-d6	68.45		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	53.109		18-107		53	SPK: -100
321-60-8	2-Fluorobiphenyl	55.958		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	VK-1	SDG No.:	BF061924
Lab Sample ID:	P2955-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.5
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
BF138255.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	69.823		10-110		47	SPK: -150
1718-51-0	Terphenyl-d14	49.707		14-112		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	294041	6.886				
1146-65-2	Naphthalene-d8	1010708	8.163				
15067-26-2	Acenaphthene-d10	431408	9.916				
1517-22-2	Phenanthrene-d10	697325	11.404				
1719-03-5	Chrysene-d12	480283	14.039				
1520-96-3	Perylene-d12	404761	15.515				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J			2.181	
000057-55-6	Propylene Glycol	99.1	J			3.398	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	77.9	A			5.104	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	65.3	J			6.704	
000770-35-4	1-Phenoxypropan-2-ol	86.3	J			8.475	
000057-10-3	n-Hexadecanoic acid	88.3	J			11.927	
001599-67-3	1-Docosene	94.7	J			13.892	
000791-28-6	Triphenylphosphine oxide	54.5	J			14.139	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	SU-03-061824	SDG No.:	BF061924
Lab Sample ID:	P2940-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	1.5
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
BF138256.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52.8	U	52.8	160	200	ug/Kg
110-86-1	Pyridine	48.6	U	48.6	79.1	100	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	200	ug/Kg
62-53-3	Aniline	59	U	59	79.1	100	ug/Kg
108-95-2	Phenol	50.5	U	50.5	79.1	100	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	50.9	U	50.9	79.1	100	ug/Kg
95-57-8	2-Chlorophenol	50.8	U	50.8	79.1	100	ug/Kg
95-50-1	1,2-Dichlorobenzene	51.5	U	51.5	79.1	100	ug/Kg
541-73-1	1,3-Dichlorobenzene	52.3	U	52.3	79.1	100	ug/Kg
106-46-7	1,4-Dichlorobenzene	52.6	U	52.6	79.1	100	ug/Kg
100-51-6	Benzyl Alcohol	50.5	U	50.5	160	200	ug/Kg
95-48-7	2-Methylphenol	49.1	U	49.1	79.1	100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	55.3	U	55.3	79.1	100	ug/Kg
98-86-2	Acetophenone	52.9	U	52.9	79.1	100	ug/Kg
65794-96-9	3+4-Methylphenols	48.6	U	48.6	160	200	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	24.5	U	24.5	48.7	48.7	ug/Kg
67-72-1	Hexachloroethane	50.5	U	50.5	79.1	100	ug/Kg
98-95-3	Nitrobenzene	55.3	U	55.3	79.1	100	ug/Kg
78-59-1	Isophorone	51.5	U	51.5	79.1	100	ug/Kg
88-75-5	2-Nitrophenol	57.5	U	57.5	79.1	100	ug/Kg
105-67-9	2,4-Dimethylphenol	56.7	U	56.7	79.1	100	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	52.2	U	52.2	79.1	100	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	79.1	100	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52	U	52	79.1	100	ug/Kg
65-85-0	Benzoic acid	140	U	140	160	200	ug/Kg
91-20-3	Naphthalene	50.3	U	50.3	79.1	100	ug/Kg
106-47-8	4-Chloroaniline	50.3	U	50.3	79.1	100	ug/Kg
87-68-3	Hexachlorobutadiene	50.7	U	50.7	79.1	100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	SU-03-061824	SDG No.:	BF061924
Lab Sample ID:	P2940-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	1.5
Sample Wt/Vol:	50.04 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
BF138256.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	52.8	U	52.8	160	200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47.2	U	47.2	79.1	100	ug/Kg
91-57-6	2-Methylnaphthalene	50.2	U	50.2	79.1	100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94.9	U	94.9	160	200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43.5	U	43.5	79.1	100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	79.1	100	ug/Kg
92-52-4	1,1-Biphenyl	53.2	U	53.2	79.1	100	ug/Kg
91-58-7	2-Chloronaphthalene	50.7	U	50.7	79.1	100	ug/Kg
88-74-4	2-Nitroaniline	57.8	U	57.8	79.1	100	ug/Kg
131-11-3	Dimethylphthalate	49.7	U	49.7	79.1	100	ug/Kg
208-96-8	Acenaphthylene	52.6	U	52.6	79.1	100	ug/Kg
606-20-2	2,6-Dinitrotoluene	50.6	U	50.6	79.1	100	ug/Kg
99-09-2	3-Nitroaniline	54.3	U	54.3	79.1	100	ug/Kg
83-32-9	Acenaphthene	49.4	U	49.4	79.1	100	ug/Kg
Total PAH	Total PAH	806.5	U	806.5	79.1	1600	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	160	200	ug/Kg
100-02-7	4-Nitrophenol	70.6	U	70.6	160	200	ug/Kg
132-64-9	Dibenzofuran	51.4	U	51.4	79.1	100	ug/Kg
121-14-2	2,4-Dinitrotoluene	52.5	U	52.5	79.1	100	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	103.1	U	103.1	79.1	200	ug/Kg
84-66-2	Diethylphthalate	48.8	U	48.8	79.1	100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	52.1	U	52.1	79.1	100	ug/Kg
86-73-7	Fluorene	52	U	52	79.1	100	ug/Kg
100-01-6	4-Nitroaniline	65.1	U	65.1	79.1	100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	71.2	U	71.2	160	200	ug/Kg
86-30-6	n-Nitrosodiphenylamine	49.7	U	49.7	79.1	100	ug/Kg
103-33-3	Azobenzene	48.4	U	48.4	79.1	100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48	U	48	79.1	100	ug/Kg
118-74-1	Hexachlorobenzene	51.7	U	51.7	79.1	100	ug/Kg
1912-24-9	Atrazine	55.6	U	55.6	79.1	100	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	SU-03-061824	SDG No.:	BF061924
Lab Sample ID:	P2940-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	1.5
Sample Wt/Vol:	50.04 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
BF138256.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	47	U	47	160	200	ug/Kg
85-01-8	Phenanthrene	51.1	U	51.1	79.1	100	ug/Kg
120-12-7	Anthracene	51.4	U	51.4	79.1	100	ug/Kg
86-74-8	Carbazole	48.9	U	48.9	79.1	100	ug/Kg
84-74-2	Di-n-butylphthalate	51.3	U	51.3	79.1	100	ug/Kg
206-44-0	Fluoranthene	71.7	J	49.7	79.1	100	ug/Kg
92-87-5	Benzidine	99.2	U	99.2	160	200	ug/Kg
129-00-0	Pyrene	76.6	J	50.5	79.1	100	ug/Kg
85-68-7	Butylbenzylphthalate	58.9	U	58.9	79.1	100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	160	200	ug/Kg
56-55-3	Benzo(a)anthracene	49.1	U	49.1	79.1	100	ug/Kg
218-01-9	Chrysene	48.4	U	48.4	79.1	100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	55.4	U	55.4	79.1	100	ug/Kg
117-84-0	Di-n-octyl phthalate	67	U	67	160	200	ug/Kg
205-99-2	Benzo(b)fluoranthene	58.8	J	49.4	79.1	100	ug/Kg
207-08-9	Benzo(k)fluoranthene	50.3	U	50.3	79.1	100	ug/Kg
50-32-8	Benzo(a)pyrene	56.6	U	56.6	79.1	100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47.5	U	47.5	79.1	100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	49.4	U	49.4	79.1	100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	48.8	U	48.8	79.1	100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52.8	U	52.8	79.1	100	ug/Kg
123-91-1	1,4-Dioxane	67	U	67	79.1	100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45.5	U	45.5	79.1	100	ug/Kg
90-12-0	1-Methylnaphthalene	50.6	U	50.6	100	100	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.411		18-112		53	SPK: -150
13127-88-3	Phenol-d6	73.646		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	56.525		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	61.092		20-109		61	SPK: -100

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	SU-03-061824	SDG No.:	BF061924
Lab Sample ID:	P2940-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	1.5
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
BF138256.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.773		10-110		55	SPK: -150
1718-51-0	Terphenyl-d14	63.339		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	292757	6.887				
1146-65-2	Naphthalene-d8	959453	8.163				
15067-26-2	Acenaphthene-d10	404197	9.922				
1517-22-2	Phenanthrene-d10	728908	11.404				
1719-03-5	Chrysene-d12	451864	14.045				
1520-96-3	Perylene-d12	408499	15.521				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	890	J			2.169	
000067-63-0	Isopropyl Alcohol	110	J			3.387	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	75.1	A			5.104	
000770-35-4	1-Phenoxypropan-2-ol	71.6	J			8.475	
000629-62-9	Pentadecane	61.7	J			9.845	
000544-76-3	Hexadecane	92.3	J			10.345	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	68.8	J			10.569	
000629-78-7	Heptadecane	160	J			10.822	
000629-59-4	Tetradecane	100	J			11.269	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	61.1	J			11.298	
055045-08-4	Dodecane, 2-methyl-6-propyl-	87.8	J			11.698	
000112-39-0	Hexadecanoic acid, methyl ester	680	J			11.798	
000057-10-3	n-Hexadecanoic acid	240	J			11.933	
000112-95-8	Eicosane	95.6	J			12.104	
002462-85-3	9,12-Octadecadienoic acid, methyl	2900	J			12.492	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	1800	J			12.516	
000057-11-4	Octadecanoic acid	130	J			12.716	
000646-31-1	Tetracosane	92.3	J			13.222	
018835-33-1	1-Hexacosene	190	J			13.892	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	SU-03-061824	SDG No.:	BF061924
Lab Sample ID:	P2940-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	1.5
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
BF138256.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000929-77-1	Docosanoic acid, methyl ester	64.7	J			13.986	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	72-11944	SDG No.:	BF061924
Lab Sample ID:	P2952-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.7
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
BF138257.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	61.7	U	61.7	190	230	ug/Kg
110-86-1	Pyridine	56.8	U	56.8	92.4	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	68.9	U	68.9	92.4	120	ug/Kg
108-95-2	Phenol	58.9	U	58.9	92.4	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59.5	U	59.5	92.4	120	ug/Kg
95-57-8	2-Chlorophenol	59.3	U	59.3	92.4	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	60.1	U	60.1	92.4	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	61.1	U	61.1	92.4	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	61.5	U	61.5	92.4	120	ug/Kg
100-51-6	Benzyl Alcohol	59	U	59	190	230	ug/Kg
95-48-7	2-Methylphenol	57.3	U	57.3	92.4	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64.6	U	64.6	92.4	120	ug/Kg
98-86-2	Acetophenone	61.8	U	61.8	92.4	120	ug/Kg
65794-96-9	3+4-Methylphenols	56.7	U	56.7	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	28.6	U	28.6	56.8	56.8	ug/Kg
67-72-1	Hexachloroethane	59	U	59	92.4	120	ug/Kg
98-95-3	Nitrobenzene	64.5	U	64.5	92.4	120	ug/Kg
78-59-1	Isophorone	60.1	U	60.1	92.4	120	ug/Kg
88-75-5	2-Nitrophenol	67.2	U	67.2	92.4	120	ug/Kg
105-67-9	2,4-Dimethylphenol	66.2	U	66.2	92.4	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	61	U	61	92.4	120	ug/Kg
120-83-2	2,4-Dichlorophenol	53.7	U	53.7	92.4	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	60.7	U	60.7	92.4	120	ug/Kg
65-85-0	Benzoic acid	170	U	170	190	230	ug/Kg
91-20-3	Naphthalene	58.7	U	58.7	92.4	120	ug/Kg
106-47-8	4-Chloroaniline	58.7	U	58.7	92.4	120	ug/Kg
87-68-3	Hexachlorobutadiene	59.2	U	59.2	92.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	72-11944	SDG No.:	BF061924
Lab Sample ID:	P2952-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.7
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
BF138257.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	61.7	U	61.7	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55.1	U	55.1	92.4	120	ug/Kg
91-57-6	2-Methylnaphthalene	58.6	U	58.6	92.4	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.7	U	50.7	92.4	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52.6	U	52.6	92.4	120	ug/Kg
92-52-4	1,1-Biphenyl	62.1	U	62.1	92.4	120	ug/Kg
91-58-7	2-Chloronaphthalene	59.2	U	59.2	92.4	120	ug/Kg
88-74-4	2-Nitroaniline	67.5	U	67.5	92.4	120	ug/Kg
131-11-3	Dimethylphthalate	58.1	U	58.1	92.4	120	ug/Kg
208-96-8	Acenaphthylene	61.5	U	61.5	92.4	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	59.1	U	59.1	92.4	120	ug/Kg
99-09-2	3-Nitroaniline	63.4	U	63.4	92.4	120	ug/Kg
83-32-9	Acenaphthene	57.6	U	57.6	92.4	120	ug/Kg
Total PAH	Total PAH	7870	U	941.7	92.4	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	82.4	U	82.4	190	230	ug/Kg
132-64-9	Dibenzofuran	60	U	60	92.4	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	20.4	U	120.4	92.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61.3	U	61.3	92.4	120	ug/Kg
84-66-2	Diethylphthalate	56.9	U	56.9	92.4	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.8	U	60.8	92.4	120	ug/Kg
86-73-7	Fluorene	60.8	U	60.8	92.4	120	ug/Kg
100-01-6	4-Nitroaniline	76	U	76	92.4	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83.1	U	83.1	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	58	U	58	92.4	120	ug/Kg
103-33-3	Azobenzene	56.6	U	56.6	92.4	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56.1	U	56.1	92.4	120	ug/Kg
118-74-1	Hexachlorobenzene	60.4	U	60.4	92.4	120	ug/Kg
1912-24-9	Atrazine	64.9	U	64.9	92.4	120	ug/Kg

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	72-11944	SDG No.:	BF061924
Lab Sample ID:	P2952-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.7
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
BF138257.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	54.9	U	54.9	190	230	ug/Kg
85-01-8	Phenanthrene	540		59.7	92.4	120	ug/Kg
120-12-7	Anthracene	120		60	92.4	120	ug/Kg
86-74-8	Carbazole	57.1	U	57.1	92.4	120	ug/Kg
84-74-2	Di-n-butylphthalate	59.9	U	59.9	92.4	120	ug/Kg
206-44-0	Fluoranthene	1600		58.1	92.4	120	ug/Kg
92-87-5	Benzidine	120	U	120	190	230	ug/Kg
129-00-0	Pyrene	870		59	92.4	120	ug/Kg
85-68-7	Butylbenzylphthalate	68.8	U	68.8	92.4	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70.1	U	70.1	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	740		57.3	92.4	120	ug/Kg
218-01-9	Chrysene	810		56.5	92.4	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200		64.7	92.4	120	ug/Kg
117-84-0	Di-n-octyl phthalate	78.2	U	78.2	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	990		57.6	92.4	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	400		58.7	92.4	120	ug/Kg
50-32-8	Benzo(a)pyrene	810		66.1	92.4	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	400		55.5	92.4	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130		57.7	92.4	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	460		56.9	92.4	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61.7	U	61.7	92.4	120	ug/Kg
123-91-1	1,4-Dioxane	78.2	U	78.2	92.4	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53.1	U	53.1	92.4	120	ug/Kg
90-12-0	1-Methylnaphthalene	59.1	U	59.1	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	82.861		18-112		55	SPK: -150
13127-88-3	Phenol-d6	74.968		15-107		50	SPK: -150
4165-60-0	Nitrobenzene-d5	56.916		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	79.244		20-109		79	SPK: -100

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	72-11944	SDG No.:	BF061924
Lab Sample ID:	P2952-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.7
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
BF138257.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	87.826		10-110		59	SPK: -150
1718-51-0	Terphenyl-d14	44.169		14-112		44	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	232237	6.886				
1146-65-2	Naphthalene-d8	749902	8.169				
15067-26-2	Acenaphthene-d10	223020	9.939				
1517-22-2	Phenanthrene-d10	254408	11.463				
1719-03-5	Chrysene-d12	271156	14.08				
1520-96-3	Perylene-d12	320727	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	91.9	A			5.098	
000770-35-4	1-Phenoxypropan-2-ol	130	J			8.475	
	unknown8.551	63.7	J			8.551	
	unknown8.610	72.5	J			8.61	
024139-37-5	1,3,6-Trimethyladamantane	110	J			8.633	
014451-88-8	2-n-Propyladamantane	170	J			8.716	
1010185-23-8	5-Isopropyl-2,8-dimethyl-9-oxatric	130	J			8.792	
	unknown8.857	110	J			8.857	
	unknown8.916	79.8	J			8.916	
1000353-98-7	Adipic acid, di(cis-hex-3-enyl) es	120	J			8.939	
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	56.8	J			8.992	
	unknown9.051	190	J			9.051	
	unknown9.163	140	J			9.163	
	unknown9.192	140	J			9.192	
	unknown9.322	670	J			9.322	
	unknown9.639	470	J			9.639	
017301-81-4	Strychnidin-10-one, 2,3-dimethoxy-	470	J			14.551	
000192-97-2	Benzo[e]pyrene	700	J			15.409	

Report of Analysis

Client:		Date Collected:	6/18/2024 12:00:00 AM
Project:		Date Received:	6/18/2024 12:00:00 AM
Client Sample ID:	72-11944	SDG No.:	BF061924
Lab Sample ID:	P2952-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.7
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
BF138257.D	1	6/19/2024 12:00:00 AM	6/19/2024 12:00:00 AM	PB161582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
004555-56-0	D:C-Friedo-B:A-neogammacer-9(11)	1100	J			18.203	

Hit Summary Sheet SW-846

SDG No.: BF061924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WCS-TPE								
P2930-01	WCS-TPE	Solid	1-Heneicosanol	*	120.000	J		
P2930-01	WCS-TPE	Solid	1-Phenoxypropan-2-ol	*	160.000	J		
P2930-01	WCS-TPE	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P2930-01	WCS-TPE	Solid	4H-Cyclopenta[def]phenanthrene	*	130.000	J		
P2930-01	WCS-TPE	Solid	9-Octadecenamide, (Z)-	*	60.700	J		
P2930-01	WCS-TPE	Solid	Anthracene, 2-methyl-	*	83.600	J		
P2930-01	WCS-TPE	Solid	Benzo[e]pyrene	*	74.300	J		
P2930-01	WCS-TPE	Solid	Butane, 2-methoxy-2-methyl-	*	1,500.000	J		
P2930-01	WCS-TPE	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	140.000	J		
P2930-01	WCS-TPE	Solid	Hexadecane, 7,9-dimethyl-	*	56.900	J		
P2930-01	WCS-TPE	Solid	Naphthalene, 2-phenyl-	*	60.200	J		
P2930-01	WCS-TPE	Solid	Octadecanoic acid	*	56.200	J		
P2930-01	WCS-TPE	Solid	Perylene	*	160.000	J		
P2930-01	WCS-TPE	Solid	Phenanthrene, 2,5-dimethyl-	*	72.900	J		
P2930-01	WCS-TPE	Solid	Phenanthrene, 2-methyl-	*	290.000	J		
P2930-01	WCS-TPE	Solid	Phenanthrene, 3-methyl-	*	58.100	J		
P2930-01	WCS-TPE	Solid	Phenanthrene, 4-methyl-	*	54.800	J		
P2930-01	WCS-TPE	Solid	Propylene Glycol	*	250.000	J		
P2930-01	WCS-TPE	Solid	unknown10.022	*	1,000.000	J		
P2930-01	WCS-TPE	Solid	unknown12.498	*	88.300	J		
Total Tics :					4,556.00			
P2930-01	WCS-TPE	Solid	Anthracene		120.000	59.8	120	ug/Kg
P2930-01	WCS-TPE	Solid	Benzo(a)anthracene		320.000	57.1	120	ug/Kg
P2930-01	WCS-TPE	Solid	Benzo(a)pyrene		260.000	65.9	120	ug/Kg
P2930-01	WCS-TPE	Solid	Benzo(b)fluoranthene		310.000	57.4	120	ug/Kg
P2930-01	WCS-TPE	Solid	Benzo(g,h,i)perylene		90.400	J 56.7	120	ug/Kg
P2930-01	WCS-TPE	Solid	Benzo(k)fluoranthene		120.000	58.5	120	ug/Kg
P2930-01	WCS-TPE	Solid	Chrysene		300.000	56.3	120	ug/Kg
P2930-01	WCS-TPE	Solid	Fluoranthene		530.000	57.9	120	ug/Kg
P2930-01	WCS-TPE	Solid	Indeno(1,2,3-cd)pyrene		91.000	J 55.3	120	ug/Kg
P2930-01	WCS-TPE	Solid	Phenanthrene		410.000	59.5	120	ug/Kg
P2930-01	WCS-TPE	Solid	Pyrene		410.000	58.8	120	ug/Kg
Total Svoc :					2,961.40			
Total Concentration:					7,517.40			
Client ID : SU-03-061824								
P2940-01	SU-03-061824	Solid	1-Hexacosene	*	190.000	J		
P2940-01	SU-03-061824	Solid	1-Phenoxypropan-2-ol	*	71.600	J		

Hit Summary Sheet SW-846

SDG No.: BF061924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2940-01	SU-03-061824	Solid	2-Pentanone, 4-hydroxy-4-methyl *	75.100	A			
P2940-01	SU-03-061824	Solid	9,12-Octadecadienoic acid, methyl *	2,900.000	J			
P2940-01	SU-03-061824	Solid	9-Octadecenoic acid (Z)-, methyl *	1,800.000	J			
P2940-01	SU-03-061824	Solid	Butane, 2-methoxy-2-methyl- *	890.000	J			
P2940-01	SU-03-061824	Solid	Docosanoic acid, methyl ester *	64.700	J			
P2940-01	SU-03-061824	Solid	Dodecane, 2-methyl-6-propyl- *	87.800	J			
P2940-01	SU-03-061824	Solid	Eicosane *	95.600	J			
P2940-01	SU-03-061824	Solid	Heptadecane *	160.000	J			
P2940-01	SU-03-061824	Solid	Hexadecane *	92.300	J			
P2940-01	SU-03-061824	Solid	Hexadecane, 2,6,10,14-tetramethyl *	61.100	J			
P2940-01	SU-03-061824	Solid	Hexadecanoic acid, methyl ester *	680.000	J			
P2940-01	SU-03-061824	Solid	Isopropyl Alcohol *	110.000	J			
P2940-01	SU-03-061824	Solid	n-Hexadecanoic acid *	240.000	J			
P2940-01	SU-03-061824	Solid	Octadecanoic acid *	130.000	J			
P2940-01	SU-03-061824	Solid	Pentadecane *	61.700	J			
P2940-01	SU-03-061824	Solid	Pentadecane, 2,6,10-trimethyl- *	68.800	J			
P2940-01	SU-03-061824	Solid	Tetracosane *	92.300	J			
P2940-01	SU-03-061824	Solid	Tetradecane *	100.000	J			
Total Tics :				7,971.00				
P2940-01	SU-03-061824	Solid	Benzo(b)fluoranthene	58.800	J	49.4	100	ug/Kg
P2940-01	SU-03-061824	Solid	Fluoranthene	71.700	J	49.7	100	ug/Kg
P2940-01	SU-03-061824	Solid	Pyrene	76.600	J	50.5	100	ug/Kg
Total Svoc :				207.10				
Total Concentration:				8,178.10				
Client ID : GRAY-WATER								
P2942-01	GRAY-WATER	Water	1-Butanol, 2-methyl- *	15.800	J			
P2942-01	GRAY-WATER	Water	1-Butanol, 3-methyl- *	34.600	J			
P2942-01	GRAY-WATER	Water	1-Hexanol, 2-ethyl- *	40.500	J			
P2942-01	GRAY-WATER	Water	2-[2-[2-[2-[2-[2-(2-Methoxy *	20.100	J			
P2942-01	GRAY-WATER	Water	Benzeneacetic acid *	67.100	J			
P2942-01	GRAY-WATER	Water	Benzonitrile *	15.200	J			
P2942-01	GRAY-WATER	Water	Benzyl nitrile *	99.700	J			
P2942-01	GRAY-WATER	Water	Bicyclohexyl, 4-phenyl- *	15.300	J			
P2942-01	GRAY-WATER	Water	Butane, 2-methoxy-2-methyl- *	110.000	J			
P2942-01	GRAY-WATER	Water	Butanenitrile, 2-methyl- *	110.000	J			
P2942-01	GRAY-WATER	Water	Butanenitrile, 3-methyl- *	150.000	J			
P2942-01	GRAY-WATER	Water	Butanoic acid, 2-methyl- *	14.600	J			
P2942-01	GRAY-WATER	Water	cyclohexane, [1,1-biphenyl]-4-yl- *	12.100	J			
P2942-01	GRAY-WATER	Water	Ethane, 2,2-dichloro-1,1,1-trifluo *	18.000	J			
P2942-01	GRAY-WATER	Water	Ethanol, 2-phenoxy- *	15.800	J			

Hit Summary Sheet SW-846

SDG No.: BF061924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P2942-01	GRAY-WATER	Water	n-Decanoic acid	*	26.000	J		
P2942-01	GRAY-WATER	Water	n-Hexadecanoic acid	*	12.300	J		
P2942-01	GRAY-WATER	Water	Octadecanoic acid	*	21.100	J		
P2942-01	GRAY-WATER	Water	unknown13.451	*	15.700	J		
P2942-01	GRAY-WATER	Water	unknown13.604	*	14.900	J		
Total Tics :					828.80			
P2942-01	GRAY-WATER	Water	Acetophenone		5.800	1.1	5	ug/L
P2942-01	GRAY-WATER	Water	Benzaldehyde		19.700	4	10	ug/L
P2942-01	GRAY-WATER	Water	Benzoic acid		280.000	E 5.5	10	ug/L
P2942-01	GRAY-WATER	Water	Benzyl Alcohol		94.000	E 1.6	10	ug/L
P2942-01	GRAY-WATER	Water	Bis(2-ethylhexyl)phthalate		4.700	J 1.9	5	ug/L
P2942-01	GRAY-WATER	Water	Phenol		16.000	0.93	5	ug/L
Total Svoc :					420.20			
Total Concentration:					1,249.00			
Client ID : VNJ-212								
P2943-01	VNJ-212	Solid	1,3-Benzenedicarboxylic acid, bis *		69.200	J		
P2943-01	VNJ-212	Solid	1-Phenoxypropan-2-ol *		88.800	J		
P2943-01	VNJ-212	Solid	2-Pentanone, 4-hydroxy-4-methyl *		77.600	A		
P2943-01	VNJ-212	Solid	4H-Cyclopenta[def]phenanthrene *		52.200	J		
P2943-01	VNJ-212	Solid	Benzo[b]naphtho[2,1-d]thiophene *		46.100	J		
P2943-01	VNJ-212	Solid	Benzo[e]pyrene *		73.600	J		
P2943-01	VNJ-212	Solid	Benzo[j]fluoranthene *		200.000	J		
P2943-01	VNJ-212	Solid	Butane, 2-methoxy-2-methyl- *		1,200.000	J		
P2943-01	VNJ-212	Solid	Ethanol, 2-(2-ethoxyethoxy)- *		66.500	J		
P2943-01	VNJ-212	Solid	n-Hexadecanoic acid *		120.000	J		
P2943-01	VNJ-212	Solid	Octadecane *		47.400	J		
P2943-01	VNJ-212	Solid	Pentadecafluorooctanoic acid, oct *		88.600	J		
P2943-01	VNJ-212	Solid	Propylene Glycol *		140.000	J		
P2943-01	VNJ-212	Solid	Tetracosane *		59.300	J		
P2943-01	VNJ-212	Solid	Triphenylphosphine oxide *		51.100	J		
Total Tics :					2,380.40			
P2943-01	VNJ-212	Solid	Benzo(a)anthracene		180.000	53.3	110	ug/Kg
P2943-01	VNJ-212	Solid	Benzo(a)pyrene		220.000	61.5	110	ug/Kg
P2943-01	VNJ-212	Solid	Benzo(b)fluoranthene		330.000	53.6	110	ug/Kg
P2943-01	VNJ-212	Solid	Benzo(g,h,i)perylene		140.000	53	110	ug/Kg
P2943-01	VNJ-212	Solid	Benzo(k)fluoranthene		120.000	54.6	110	ug/Kg
P2943-01	VNJ-212	Solid	Chrysene		220.000	52.6	110	ug/Kg
P2943-01	VNJ-212	Solid	Fluoranthene		360.000	54	110	ug/Kg
P2943-01	VNJ-212	Solid	Indeno(1,2,3-cd)pyrene		120.000	51.6	110	ug/Kg
P2943-01	VNJ-212	Solid	Phenanthrene		140.000	55.5	110	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF061924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2943-01	VNJ-212	Solid	Pyrene	300.000		54.9	110	ug/Kg
Total Svoc :				2,130.00				
Total Concentration:				4,510.40				
Client ID : 72-11978								
P2943-03	72-11978	Solid	1,4-Benzenedicarboxylic acid, bis *	73.300	J			
P2943-03	72-11978	Solid	1-Nonadecene *	73.700	J			
P2943-03	72-11978	Solid	1-Phenoxypropan-2-ol *	85.200	J			
P2943-03	72-11978	Solid	2-Pentanone, 4-hydroxy-4-methyl *	77.400	A			
P2943-03	72-11978	Solid	Anthracene, 1-methyl- *	80.700	J			
P2943-03	72-11978	Solid	Benzo[e]pyrene *	82.400	J			
P2943-03	72-11978	Solid	Butane, 2-methoxy-2-methyl- *	1,200.000	J			
P2943-03	72-11978	Solid	Ethanol, 2-(2-ethoxyethoxy)- *	75.400	J			
P2943-03	72-11978	Solid	Heptadecane, 2,6,10,15-tetramethyl *	61.000	J			
P2943-03	72-11978	Solid	Hexadecane *	62.400	J			
P2943-03	72-11978	Solid	Perylene *	110.000	J			
P2943-03	72-11978	Solid	Triphenylphosphine oxide *	50.600	J			
P2943-03	72-11978	Solid	unknown18.174 *	100.000	J			
P2943-03	72-11978	Solid	unknown3.422 *	130.000	J			
Total Tics :				2,262.10				
P2943-03	72-11978	Solid	Benzo(a)anthracene	150.000		52.8	110	ug/Kg
P2943-03	72-11978	Solid	Benzo(a)pyrene	150.000		60.8	110	ug/Kg
P2943-03	72-11978	Solid	Benzo(b)fluoranthene	220.000		53	110	ug/Kg
P2943-03	72-11978	Solid	Benzo(g,h,i)perylene	78.900	J	52.4	110	ug/Kg
P2943-03	72-11978	Solid	Benzo(k)fluoranthene	78.800	J	54	110	ug/Kg
P2943-03	72-11978	Solid	Chrysene	170.000		52	110	ug/Kg
P2943-03	72-11978	Solid	Fluoranthene	250.000		53.4	110	ug/Kg
P2943-03	72-11978	Solid	Indeno(1,2,3-cd)pyrene	68.700	J	51.1	110	ug/Kg
P2943-03	72-11978	Solid	Phenanthrene	97.900	J	54.9	110	ug/Kg
P2943-03	72-11978	Solid	Pyrene	210.000		54.3	110	ug/Kg
Total Svoc :				1,474.30				
Total Concentration:				3,736.40				
Client ID : 72-11944								
P2952-01	72-11944	Solid	1,3,6-Trimethyladamantane *	110.000	J			
P2952-01	72-11944	Solid	1-Phenoxypropan-2-ol *	130.000	J			
P2952-01	72-11944	Solid	2-n-Propyladamantane *	170.000	J			
P2952-01	72-11944	Solid	2-Pentanone, 4-hydroxy-4-methyl *	91.900	A			
P2952-01	72-11944	Solid	5-Isopropyl-2,8-dimethyl-9-oxatri *	130.000	J			
P2952-01	72-11944	Solid	Adipic acid, di(cis-hex-3-enyl) es *	120.000	J			
P2952-01	72-11944	Solid	Benzo[e]pyrene *	700.000	J			

Hit Summary Sheet SW-846

SDG No.: BF061924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2952-01	72-11944	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P2952-01	72-11944	Solid	D:C-Friedo-B:A-neogammacer-9(	*	1,100.000	J		
P2952-01	72-11944	Solid	Naphthalene, 1,2,3,4-tetrahydro-1.	*	56.800	J		
P2952-01	72-11944	Solid	Strychnidin-10-one, 2,3-dimethox	*	470.000	J		
P2952-01	72-11944	Solid	unknown8.551	*	63.700	J		
P2952-01	72-11944	Solid	unknown8.610	*	72.500	J		
P2952-01	72-11944	Solid	unknown8.857	*	110.000	J		
P2952-01	72-11944	Solid	unknown8.916	*	79.800	J		
P2952-01	72-11944	Solid	unknown9.051	*	190.000	J		
P2952-01	72-11944	Solid	unknown9.163	*	140.000	J		
P2952-01	72-11944	Solid	unknown9.192	*	140.000	J		
P2952-01	72-11944	Solid	unknown9.322	*	670.000	J		
P2952-01	72-11944	Solid	unknown9.639	*	470.000	J		
Total Tics :					6,314.70			
P2952-01	72-11944	Solid	Anthracene		120.000	60	120	ug/Kg
P2952-01	72-11944	Solid	Benzo(a)anthracene		740.000	57.3	120	ug/Kg
P2952-01	72-11944	Solid	Benzo(a)pyrene		810.000	66.1	120	ug/Kg
P2952-01	72-11944	Solid	Benzo(b)fluoranthene		990.000	57.6	120	ug/Kg
P2952-01	72-11944	Solid	Benzo(g,h,i)perylene		460.000	56.9	120	ug/Kg
P2952-01	72-11944	Solid	Benzo(k)fluoranthene		400.000	58.7	120	ug/Kg
P2952-01	72-11944	Solid	Bis(2-ethylhexyl)phthalate		200.000	64.7	120	ug/Kg
P2952-01	72-11944	Solid	Chrysene		810.000	56.5	120	ug/Kg
P2952-01	72-11944	Solid	Dibenzo(a,h)anthracene		130.000	57.7	120	ug/Kg
P2952-01	72-11944	Solid	Fluoranthene		1,600.000	58.1	120	ug/Kg
P2952-01	72-11944	Solid	Indeno(1,2,3-cd)pyrene		400.000	55.5	120	ug/Kg
P2952-01	72-11944	Solid	Phenanthrene		540.000	59.7	120	ug/Kg
P2952-01	72-11944	Solid	Pyrene		870.000	59	120	ug/Kg
Total Svoc :					8,070.00			
Total Concentration:					14,384.70			
Client ID : VK-1								
P2955-01	VK-1	Solid	1-Docosene	*	94.700	J		
P2955-01	VK-1	Solid	1-Phenoxypropan-2-ol	*	86.300	J		
P2955-01	VK-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	77.900	A		
P2955-01	VK-1	Solid	Butane, 2-methoxy-2-methyl-	*	1,100.000	J		
P2955-01	VK-1	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	65.300	J		
P2955-01	VK-1	Solid	n-Hexadecanoic acid	*	88.300	J		
P2955-01	VK-1	Solid	Propylene Glycol	*	99.100	J		
P2955-01	VK-1	Solid	Triphenylphosphine oxide	*	54.500	J		
Total Tics :					1,666.10			
P2955-01	VK-1	Solid	Benzo(a)anthracene		60.000	J 53.4	110	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BF061924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2955-01	VK-1	Solid	Benzo(a)pyrene	66.700	J	61.6	110	ug/Kg
P2955-01	VK-1	Solid	Benzo(b)fluoranthene	87.500	J	53.7	110	ug/Kg
P2955-01	VK-1	Solid	Chrysene	61.700	J	52.7	110	ug/Kg
P2955-01	VK-1	Solid	Fluoranthene	110.000		54.1	110	ug/Kg
P2955-01	VK-1	Solid	Pyrene	89.800	J	55	110	ug/Kg
Total Svoc :				475.70				
Total Concentration:				2,141.80				
Client ID : TP-1								
P2955-05	TP-1	Solid	1-Phenoxypropan-2-ol	*	100.000	J		
P2955-05	TP-1	Solid	1H-Indene, octahydro-2,2,4,4,7,7-	*	50.400	J		
P2955-05	TP-1	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	84.000	A		
P2955-05	TP-1	Solid	Butane, 2-methoxy-2-methyl-	*	930.000	J		
P2955-05	TP-1	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	76.900	J		
P2955-05	TP-1	Solid	n-Hexadecanoic acid	*	230.000	J		
P2955-05	TP-1	Solid	Octadecanoic acid	*	85.800	J		
P2955-05	TP-1	Solid	R-(-)-1,2-propanediol	*	58.000	J		
P2955-05	TP-1	Solid	unknown10.016	*	480.000	J		
P2955-05	TP-1	Solid	unknown10.833	*	83.800	J		
P2955-05	TP-1	Solid	unknown9.316	*	73.100	J		
Total Tics :				2,252.00				
P2955-05	TP-1	Solid	Benzo(b)fluoranthene	68.600	J	54.1	110	ug/Kg
P2955-05	TP-1	Solid	Chrysene	55.300	J	53	110	ug/Kg
Total Svoc :				123.90				
Total Concentration:				2,375.90				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF061224 SAS No.: BF061224 SDG No.: BF061224
Instrument ID: _____ Calibration Date(s): 6/12/2024 : _____
Calibration Time(s): 11:41 _____

LAB FILE ID:		RRF2.5 = BF138187.D			RRF005 = BF138188.D		RRF010 = BF138189.D	
		RRF020 = BF138190.D			RRF040 = BF138191.D		RRF050 = BF138192.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.615	0.593	0.629	0.628	0.581	0.602	3.8
Pyridine		1.345	1.345	1.383	1.318	1.238	1.300	4.8
2-Fluorophenol		1.269	1.259	1.297	1.228	1.133	1.196	7.5
Benzaldehyde			1.000	0.931	0.776	0.676	0.805	19.4
Aniline		1.553	1.504	1.568	1.542	1.422	1.483	5.1
Phenol-d6		1.637	1.601	1.615	1.558	1.431	1.516	7.6
Phenol		1.591	1.584	1.646	1.592	1.476	1.539	5.7
bis(2-Chloroethyl)ether		1.311	1.262	1.279	1.257	1.165	1.231	5.6
2-Chlorophenol		1.353	1.338	1.376	1.353	1.238	1.293	6.5
1,2-Dichlorobenzene		1.519	1.483	1.520	1.440	1.297	1.388	9.9
1,3-Dichlorobenzene		1.594	1.546	1.563	1.514	1.388	1.469	7.7
1,4-Dichlorobenzene		1.619	1.567	1.573	1.520	1.396	1.478	8.3
Benzyl Alcohol		1.038	1.042	1.096	1.078	0.982	1.022	5.7
2-Methylphenol		1.051	1.034	1.074	1.062	0.962	1.020	4.7
2,2-oxybis(1-Chloropropane)		1.841	1.819	1.833	1.791	1.644	1.738	6.3
Acetophenone		0.501	0.493	0.499	0.462	0.427	0.457	9.5
3+4-Methylphenols		1.396	1.392	1.410	1.340	1.207	1.284	10.5
n-Nitroso-di-n-propylamine	0.921	0.954	0.957	0.947	0.917	0.841	0.899	6.6
Nitrobenzene-d5		0.329	0.341	0.364	0.360	0.338	0.344	4.2
Hexachloroethane		0.501	0.505	0.530	0.522	0.486	0.501	4.4
Nitrobenzene		0.350	0.353	0.374	0.369	0.345	0.355	4.0
Isophorone		0.646	0.641	0.648	0.629	0.587	0.621	4.2
2-Nitrophenol		0.094	0.115	0.142	0.159	0.157	0.143	19.6
2,4-Dimethylphenol		0.219	0.217	0.230	0.223	0.209	0.217	3.6
bis(2-Chloroethoxy)methane		0.411	0.401	0.411	0.396	0.369	0.389	5.6
2,4-Dichlorophenol		0.269	0.281	0.295	0.291	0.273	0.280	3.7
1,2,4-Trichlorobenzene		0.351	0.345	0.349	0.339	0.312	0.330	6.7
Benzoic acid			0.132	0.172	0.193	0.202	0.191	18.5
Naphthalene		1.103	1.074	1.073	1.012	0.924	0.989	10.6
4-Chloroaniline		0.382	0.383	0.386	0.373	0.348	0.370	4.3
Hexachlorobutadiene		0.207	0.199	0.204	0.198	0.184	0.193	6.4
Caprolactam		0.078	0.085	0.088	0.088	0.080	0.084	4.7
4-Chloro-3-methylphenol		0.279	0.286	0.292	0.285	0.266	0.278	3.6
2-Methylnaphthalene		0.721	0.703	0.698	0.662	0.603	0.649	9.8
Hexachlorocyclopentadiene		0.152	0.169	0.197	0.207	0.208	0.191	11.3
2,4,6-Trichlorophenol		0.336	0.361	0.383	0.388	0.371	0.366	5.1

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.: BF061224 SAS No.: BF061224 SDG No.: BF061224
Instrument ID: _____ Calibration Date(s): 6/12/2024 : _____
Calibration Time(s): 11:41 _____

LAB FILE ID:		RRF2.5 = BF138187.D		RRF005 = BF138188.D		RRF010 = BF138189.D		
		RRF020 = BF138190.D		RRF040 = BF138191.D		RRF050 = BF138192.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.531	1.465	1.430	1.247	1.127	1.258	17.8
2,4,5-Trichlorophenol		0.385	0.403	0.423	0.418	0.399	0.402	3.8
1,1-Biphenyl		1.629	1.601	1.607	1.483	1.400	1.468	10.7
2-Chloronaphthalene		1.258	1.247	1.253	1.174	1.099	1.160	8.7
2-Nitroaniline		0.210	0.249	0.288	0.307	0.295	0.279	13.0
Dimethylphthalate		1.318	1.292	1.305	1.240	1.153	1.225	7.0
Acenaphthylene		1.748	1.746	1.763	1.658	1.552	1.626	8.7
2,6-Dinitrotoluene		0.212	0.250	0.277	0.288	0.274	0.266	10.1
3-Nitroaniline		0.244	0.276	0.293	0.305	0.285	0.284	7.1
Acenaphthene		1.192	1.174	1.191	1.132	1.055	1.109	7.7
2,4-Dinitrophenol			0.062	0.083	0.107	0.109	0.104	26.2
4-Nitrophenol		0.174	0.211	0.235	0.245	0.224	0.224	11.3
Dibenzofuran		1.724	1.680	1.674	1.587	1.447	1.550	10.1
2,4-Dinitrotoluene		0.241	0.293	0.345	0.360	0.336	0.328	13.9
Diethylphthalate		1.238	1.240	1.258	1.188	1.083	1.163	7.8
4-Chlorophenyl-phenylether		0.688	0.671	0.661	0.613	0.562	0.607	11.5
Fluorene		1.390	1.351	1.343	1.227	1.119	1.219	12.3
4-Nitroaniline		0.252	0.289	0.299	0.303	0.268	0.284	6.3
4,6-Dinitro-2-methylphenol			0.055	0.076	0.095	0.096	0.090	23.2
n-Nitrosodiphenylamine		0.647	0.635	0.651	0.625	0.602	0.612	6.6
Azobenzene		1.251	1.254	1.249	1.174	1.092	1.165	7.9
2,4,6-Tribromophenol		0.193	0.205	0.215	0.210	0.192	0.199	5.7
4-Bromophenyl-phenylether		0.227	0.226	0.238	0.232	0.223	0.225	4.0
Hexachlorobenzene		0.275	0.273	0.278	0.269	0.259	0.263	6.0
Atrazine		0.181	0.189	0.189	0.177	0.162	0.174	7.6
Pentachlorophenol		0.122	0.143	0.163	0.167	0.158	0.153	10.2
Phenanthrene		1.101	1.069	1.078	1.004	0.926	0.989	10.3
Anthracene		1.079	1.058	1.075	1.003	0.921	0.982	10.0
Carbazole		0.992	0.987	0.983	0.920	0.819	0.901	10.4
Di-n-butylphthalate		0.939	1.021	1.038	0.966	0.852	0.932	9.0
Fluoranthene		1.121	1.154	1.126	1.027	0.872	1.009	13.1
Benzidine		0.200	0.142	0.236	0.406	0.254	0.231	42.3
Pyrene		1.736	1.571	1.840	1.842	1.741	1.725	6.4
Terphenyl-d14		1.406	1.259	1.400	1.318	1.217	1.263	9.9
Butylbenzylphthalate		0.344	0.415	0.490	0.525	0.473	0.469	14.3
3,3-Dichlorobenzidine		0.355	0.407	0.383	0.365	0.336	0.353	10.3

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.: BF061224 SAS No.: BF061224 SDG No.: BF061224
Instrument ID: _____ Calibration Date(s): 6/12/2024 : _____
Calibration Time(s): 11:41 _____

LAB FILE ID:		RRF2.5 = BF138187.D			RRF005 = BF138188.D		RRF010 = BF138189.D	
		RRF020 = BF138190.D			RRF040 = BF138191.D		RRF050 = BF138192.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.355	1.332	1.358	1.317	1.237	1.283	6.1
Chrysene		1.282	1.265	1.300	1.251	1.188	1.223	5.8
Bis(2-ethylhexyl)phthalate		0.402	0.547	0.551	0.589	0.561	0.546	12.1
Di-n-octyl phthalate			0.676	0.677	0.818	0.922	0.811	13.5
Benzo(b)fluoranthene		1.231	1.223	1.311	1.172	1.082	1.179	7.3
Benzo(k)fluoranthene		1.271	1.279	1.214	1.153	1.077	1.156	8.8
Benzo(a)pyrene		1.000	1.015	1.058	1.044	0.985	1.013	3.0
Indeno(1,2,3-cd)pyrene		0.995	1.011	1.395	1.492	1.408	1.304	16.0
Dibenzo(a,h)anthracene		0.834	0.828	1.155	1.223	1.157	1.070	15.6
Benzo(g,h,i)perylene		0.837	0.840	1.193	1.273	1.196	1.107	16.8
1,2,4,5-Tetrachlorobenzene		0.621	0.608	0.626	0.597	0.569	0.584	7.0
1,4-Dioxane		0.559	0.559	0.573	0.563	0.526	0.547	4.0
2,3,4,6-Tetrachlorophenol		0.294	0.320	0.335	0.330	0.303	0.314	5.0
1-Methylnaphthalene		0.714	0.689	0.693	0.645	0.591	0.636	10.6

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.: BF061924 SAS No.: BF061924 SDG NO.: BF061924

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 19 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 11:31

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	340504	6.893	1.29686e+01	8.18	696204	9.93
UPPER LIMIT	681008	7.393	2593720	8.675	1392408	10.428
LOWER LIMIT	170252	6.393	648430	7.675	348102	9.428
EPA SAMPLE NO.						
01 PB161543BL	372343	6.89	1.5106e+	8.18	855295	9.93
02 PB161543BS	394589	6.89	1.60962e	8.18	890244	9.93
03 PB161530TB	363122	6.89	1.45452e	8.18	841466	9.93
04 PB161582BL	386608	6.88	1.53917e	8.16	863587	9.92
05 PB161582BS	422717	6.89	1.71046e	8.17	975535	9.93
06 GRAY-WATER	303412	6.89	1.0922e+	8.17	483076	9.92
07 WCS-TPE	317316	6.89	1.18069e	8.16	573331	9.92
08 WCS-TPEMS	331887	6.89	1.23596e	8.17	583708	9.92
09 WCS-TPEMSD	323717	6.89	1.20159e	8.17	564185	9.92
10 72-11978	292176	6.88	1.08519e	8.16	501043	9.92
11 VNJ-212	301739	6.88	1.09132e	8.16	494242	9.92
12 TP-1	307721	6.89	1.09863e	8.16	469737	9.92
13 VK-1	294041	6.89	1.01071e	8.16	431408	9.92
14 SU-03-061824	292757	6.89	959453	8.16	404197	9.92
15 72-11944	232237	6.89	749902	8.17	223020 *	9.94

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.: BF061924 SAS No.: BF061924 SDG NO.: BF061924

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 19 2024 12:00AM

Lab File ID: BF138240.D Time Analyzed: 11:31

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	325697	6.892	1.27901e+01	8.18	703652	9.93
UPPER LIMIT	651394	7.392	2558020	8.675	1407304	10.427
LOWER LIMIT	162848.5	6.392	639505	7.675	351826	9.427
EPA SAMPLE NO.						
01 PB161543BL	372343	6.89	1.5106e+	8.18	855295	9.93
02 PB161543BS	394589	6.89	1.60962e	8.18	890244	9.93
03 PB161530TB	363122	6.89	1.45452e	8.18	841466	9.93

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.: BF061924 SAS No.: BF061924 SDG NO.: BF061924

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 19 2024 12:00AM

Lab File ID: BF138245.D Time Analyzed: 15:19

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	355101	6.886	1.39389e+01	8.17	780519	9.92
UPPER LIMIT	710202	7.386	2787780	8.669	1561038	10.422
LOWER LIMIT	177550.5	6.386	696945	7.669	390259.5	9.422
EPA SAMPLE NO.						
01 PB161582BL	386608	6.88	1.53917e	8.16	863587	9.92
02 PB161582BS	422717	6.89	1.71046e	8.17	975535	9.93
03 GRAY-WATER	303412	6.89	1.0922e+	8.17	483076	9.92
04 WCS-TPE	317316	6.89	1.18069e	8.16	573331	9.92
05 WCS-TPEMS	331887	6.89	1.23596e	8.17	583708	9.92
06 WCS-TPEMSD	323717	6.89	1.20159e	8.17	564185	9.92
07 72-11978	292176	6.88	1.08519e	8.16	501043	9.92
08 VNJ-212	301739	6.88	1.09132e	8.16	494242	9.92
09 TP-1	307721	6.89	1.09863e	8.16	469737	9.92
10 VK-1	294041	6.89	1.01071e	8.16	431408	9.92
11 SU-03-061824	292757	6.89	959453	8.16	404197	9.92
12 72-11944	232237	6.89	749902	8.17	223020 *	9.94

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.: BF061924 SAS No.: BF061924 SDG NO.: BF061924

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 19 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 11:31

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	1.18359e+0	11.416	674197	14.051	644245	15.521
	UPPER LIMIT	2367180	11.916	1348394	14.551	1288490	16.021
	LOWER LIMIT	591795	10.916	337098.5	13.551	322122.5	15.021
	EPA SAMPLE NO.						
01	PB161543BL	1.56337	11.41	968958	14.05	840237	15.52
02	PB161543BS	1.53786	11.42	842780	14.05	772756	15.52
03	PB161530TB	1.53e+0	11.41	955482	14.05	830783	15.52
04	PB161582BL	1.59324	11.40	1.11549e+	14.04	901082	15.52
05	PB161582BS	1.71052	11.41	909307	14.05	748939	15.52
06	GRAY-WATER	699551	11.40	541566	14.04	493241	15.52
07	WCS-TPE	845305	11.40	591201	14.04	530473	15.52
08	WCS-TPEMS	844336	11.40	543635	14.05	502170	15.52
09	WCS-TPEMSD	799845	11.40	508558	14.05	472787	15.52
10	72-11978	712243	11.40	508471	14.04	447760	15.52
11	VNJ-212	696668	11.40	523882	14.04	453725	15.52
12	TP-1	682276	11.40	487344	14.05	427697	15.52
13	VK-1	697325	11.40	480283	14.04	404761	15.52
14	SU-03-061824	728908	11.40	451864	14.05	408499	15.52
15	72-11944	254408 *	11.46	271156 *	14.08	320727 *	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF061924 SAS No.: BF061924 SDG NO.: BF061924

EPA Sample No.: SSTDICCC040 Date Analyzed: Jun 19 2024 12:00AM

Lab File ID: BF138191.D Time Analyzed: 20:58

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	1.18359e+0	11.416	674197	14.051	644245	15.521
UPPER LIMIT	2367180	11.916	1348394	14.551	1288490	16.021
LOWER LIMIT	591795	10.916	337098.5	13.551	322122.5	15.021
EPA SAMPLE NO.						

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.: BF061924 SAS No.: BF061924 SDG NO.: BF061924

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 19 2024 12:00AM

Lab File ID: BF138240.D Time Analyzed: 11:31

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	1.21834e+0	11.416	666772	14.051	669856	15.521
UPPER LIMIT	2436680	11.916	1333544	14.551	1339712	16.021
LOWER LIMIT	609170	10.916	333386	13.551	334928	15.021
EPA SAMPLE NO.						
01 PB161543BL	1.56337	11.41	968958	14.05	840237	15.52
02 PB161543BS	1.53786	11.42	842780	14.05	772756	15.52
03 PB161530TB	1.53e+0	11.41	955482	14.05	830783	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.: BF061924 SAS No.: BF061924 SDG NO.: BF061924

EPA Sample No.: SSTDCCC040 Date Analyzed: Jun 19 2024 12:00AM

Lab File ID: BF138245.D Time Analyzed: 15:19

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	1.38104e+0	11.41	740234	14.045	683799	15.515
	UPPER LIMIT	2762080	11.91	1480468	14.545	1367598	16.015
	LOWER LIMIT	690520	10.91	370117	13.545	341899.5	15.015
	EPA SAMPLE NO.						
01	PB161582BL	1.59324	11.40	1.11549e+	14.04	901082	15.52
02	PB161582BS	1.71052	11.41	909307	14.05	748939	15.52
03	GRAY-WATER	699551	11.40	541566	14.04	493241	15.52
04	WCS-TPE	845305	11.40	591201	14.04	530473	15.52
05	WCS-TPEMS	844336	11.40	543635	14.05	502170	15.52
06	WCS-TPEMSD	799845	11.40	508558	14.05	472787	15.52
07	72-11978	712243	11.40	508471	14.04	447760	15.52
08	VNJ-212	696668	11.40	523882	14.04	453725	15.52
09	TP-1	682276 *	11.40	487344	14.05	427697	15.52
10	VK-1	697325	11.40	480283	14.04	404761	15.52
11	SU-03-061824	728908	11.40	451864	14.05	408499	15.52
12	72-11944	254408 *	11.46	271156 *	14.08	320727 *	15.53

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF061924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161543BS	n-Nitrosodimethylamine	50	40.1	ug/L	80				55	108	
	Pyridine	50	31	ug/L	62				29	97	
	Benzaldehyde	50	30.8	ug/L	62				15	121	
	Aniline	50	25.1	ug/L	50				10	130	
	Phenol	50	42.9	ug/L	86				66	118	
	bis(2-Chloroethyl)ether	50	43.8	ug/L	88				62	103	
	2-Chlorophenol	50	45.1	ug/L	90				70	117	
	1,2-Dichlorobenzene	50	40.3	ug/L	81				72	102	
	1,3-Dichlorobenzene	50	38.5	ug/L	77				71	103	
	1,4-Dichlorobenzene	50	39.2	ug/L	78				76	103	
	Benzyl Alcohol	50	46.1	ug/L	92				36	93	
	2-Methylphenol	50	44.4	ug/L	89				69	109	
	2,2-oxybis(1-Chloropropane)	50	41.9	ug/L	84				52	103	
	Acetophenone	50	38.9	ug/L	78				60	104	
	3+4-Methylphenols	50	40.7	ug/L	81				67	106	
	N-Nitroso-di-n-propylamine	50	42.9	ug/L	86				57	107	
	Hexachloroethane	50	41.9	ug/L	84				76	118	
	Nitrobenzene	50	39.3	ug/L	79				58	106	
	Isophorone	50	42.5	ug/L	85				61	102	
	2-Nitrophenol	50	53.6	ug/L	107				70	115	
	2,4-Dimethylphenol	50	45.1	ug/L	90				67	130	
	bis(2-Chloroethoxy)methane	50	42.3	ug/L	85				58	109	
	2,4-Dichlorophenol	50	42.6	ug/L	85				66	115	
	1,2,4-Trichlorobenzene	50	39.2	ug/L	78				41	115	
	Benzoic acid	50	52	ug/L	104				10	125	
	Naphthalene	50	38.6	ug/L	77				64	107	
	4-Chloroaniline	50	22.3	ug/L	45				10	85	
	Hexachlorobutadiene	50	38.5	ug/L	77				69	101	
	Caprolactam	50	46.5	ug/L	93				58	128	
	4-Chloro-3-methylphenol	50	43.9	ug/L	88				65	114	
	2-Methylnaphthalene	50	39.7	ug/L	79				64	107	
	Hexachlorocyclopentadiene	100	99.2	ug/L	99				36	160	
	2,4,6-Trichlorophenol	50	43.6	ug/L	87				61	110	
	2,4,5-Trichlorophenol	50	41.8	ug/L	84				70	106	
	1,1-Biphenyl	50	38.8	ug/L	78				72	98	
	2-Chloronaphthalene	50	38.8	ug/L	78				59	106	
	2-Nitroaniline	50	48	ug/L	96				58	107	
	Dimethylphthalate	50	43.2	ug/L	86				64	103	
	Acenaphthylene	50	41.7	ug/L	83				65	108	
	2,6-Dinitrotoluene	50	46.5	ug/L	93				64	110	
	3-Nitroaniline	50	34.4	ug/L	69				28	100	
	Acenaphthene	50	43.2	ug/L	86				59	113	
	Total PAH	800	705.8	ug/L	88				59	113	
	2,4-Dinitrophenol	100	92.5	ug/L	93				64	132	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF061924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161543BS	4-Nitrophenol	100	91.7	ug/L	92				68	116	
	Dibenzofuran	50	39.5	ug/L	79				65	106	
	2,4-Dinitrotoluene	50	49.5	ug/L	99				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotr	100	96	ug/L	96				60	115	
	Diethylphthalate	50	43	ug/L	86				63	105	
	4-Chlorophenyl-phenylether	50	39.3	ug/L	79				61	104	
	Fluorene	50	38.1	ug/L	76				64	107	
	4-Nitroaniline	50	40.6	ug/L	81				69	112	
	4,6-Dinitro-2-methylphenol	50	50.6	ug/L	101				62	132	
	N-Nitrosodiphenylamine	50	41	ug/L	82				61	109	
	Azobenzene	50	41.1	ug/L	82				59	106	
	4-Bromophenyl-phenylether	50	41.4	ug/L	83				73	103	
	Hexachlorobenzene	50	40.1	ug/L	80				73	106	
	Atrazine	50	47	ug/L	94				76	120	
	Pentachlorophenol	100	77.9	ug/L	78				47	114	
	Phenanthrene	50	39.7	ug/L	79				62	109	
	Anthracene	50	39.8	ug/L	80				65	110	
	Carbazole	50	39.4	ug/L	79				62	106	
	Di-n-butylphthalate	50	45.2	ug/L	90				64	106	
	Fluoranthene	50	38.7	ug/L	77				64	110	
	Benzidine	100	9.8	ug/L	10				10	94	
	Pyrene	50	41.8	ug/L	84				71	103	
	Butylbenzylphthalate	50	58.5	ug/L	117		*		61	105	
	3,3-Dichlorobenzidine	50	42.6	ug/L	85				43	108	
	Benzo(a)anthracene	50	42.2	ug/L	84				62	107	
	Chrysene	50	42.8	ug/L	86				61	108	
	bis(2-Ethylhexyl)phthalate	50	61.9	ug/L	124		*		59	110	
	Di-n-octyl phthalate	50	65.2	ug/L	130		*		67	126	
	Benzo(b)fluoranthene	50	49.9	ug/L	100				77	113	
	Benzo(k)fluoranthene	50	45.5	ug/L	91				64	113	
	Benzo(a)pyrene	50	50.9	ug/L	102				72	131	
	Indeno(1,2,3-cd)pyrene	50	51.9	ug/L	104				72	105	
	Dibenz(a,h)anthracene	50	52.5	ug/L	105				78	115	
	Benzo(g,h,i)perylene	50	48.5	ug/L	97				75	118	
	1,2,4,5-Tetrachlorobenzene	50	39.6	ug/L	79				72	101	
	1,4-Dioxane	50	30.7	ug/L	61				38	125	
	2,3,4,6-Tetrachlorophenol	50	44.9	ug/L	90				63	116	
	1-Methylnaphthalene	50	37.8	ug/L	76				51	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF061924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB161582BS	n-Nitrosodimethylamine	1700	1300	ug/Kg	76				57	103	
	Pyridine	1700	1000	ug/Kg	59				28	98	
	Benzaldehyde	1700	1000	ug/Kg	59				10	147	
	Aniline	1700	830	ug/Kg	49				38	100	
	Phenol	1700	1400	ug/Kg	82				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1500	ug/Kg	88				65	112	
	1,2-Dichlorobenzene	1700	1300	ug/Kg	76				51	102	
	1,3-Dichlorobenzene	1700	1300	ug/Kg	76				52	99	
	1,4-Dichlorobenzene	1700	1300	ug/Kg	76				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1300	ug/Kg	76				55	104	
	3+4-Methylphenols	1700	1400	ug/Kg	82				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1300	ug/Kg	76				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	1500	ug/Kg	88				67	119	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				53	105	
	2,4-Dichlorophenol	1700	1400	ug/Kg	82				62	107	
	1,2,4-Trichlorobenzene	1700	1300	ug/Kg	76				44	110	
	Benzoic acid	1700	1800	ug/Kg	106				10	140	
	Naphthalene	1700	1300	ug/Kg	76				62	100	
	4-Chloroaniline	1700	700	ug/Kg	41				16	100	
	Hexachlorobutadiene	1700	1300	ug/Kg	76				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1300	ug/Kg	76				60	104	
	Hexachlorocyclopentadiene	3300	3200	ug/Kg	97				45	134	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				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	1400	ug/Kg	82				61	99	
	Acenaphthylene	1700	1400	ug/Kg	82				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	1400	ug/Kg	82				57	104	
	Total PAH	27200	23600	ug/Kg	87				57	104	
	2,4-Dinitrophenol	3300	3100	ug/Kg	94				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF061924**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161582BS	4-Nitrophenol	3300	3200	ug/Kg	97				48	119	
	Dibenzofuran	1700	1300	ug/Kg	76				63	99	
	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3300	ug/Kg	97				60	106	
	Diethylphthalate	1700	1500	ug/Kg	88				60	101	
	4-Chlorophenyl-phenylether	1700	1300	ug/Kg	76				58	98	
	Fluorene	1700	1200	ug/Kg	71				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1700	ug/Kg	100				76	113	
	N-Nitrosodiphenylamine	1700	1300	ug/Kg	76				56	107	
	Azobenzene	1700	1400	ug/Kg	82				54	103	
	4-Bromophenyl-phenylether	1700	1400	ug/Kg	82				55	99	
	Hexachlorobenzene	1700	1300	ug/Kg	76				64	98	
	Atrazine	1700	1600	ug/Kg	94				67	113	
	Pentachlorophenol	3300	2600	ug/Kg	79				67	105	
	Phenanthrene	1700	1300	ug/Kg	76				59	103	
	Anthracene	1700	1300	ug/Kg	76				61	105	
	Carbazole	1700	1300	ug/Kg	76				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1300	ug/Kg	76				57	107	
	Benzidine	3300	0	ug/Kg	0		*		10	98	
	Pyrene	1700	1400	ug/Kg	82				59	103	
	Butylbenzylphthalate	1700	2000	ug/Kg	118		*		55	103	
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				42	91	
	Benzo(a)anthracene	1700	1400	ug/Kg	82				60	102	
	Chrysene	1700	1400	ug/Kg	82				59	101	
	bis(2-Ethylhexyl)phthalate	1700	2000	ug/Kg	118		*		63	111	
	Di-n-octyl phthalate	1700	2000	ug/Kg	118		*		70	108	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101	
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				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	1500	ug/Kg	88				59	108	
	1-Methylnaphthalene	1700	1300	ug/Kg	76				70	130	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161543BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF061924

SAS No.: BF061924 SDG NO.: BF061924

Lab File ID: BF138241.D

Lab Sample ID: PB161543BL

Instrument ID: BNA_F

Date Extracted: 06/18/2024

Matrix: (soil/water) water

Date Analyzed: 06/19/2024

Level: (low/med) LOW

Time Analyzed: 11:31

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161543BS	PB161543BS	BF138242.D	06/19/2024
PB161530TB	PB161530TB	BF138243.D	06/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

GRAY-WATER

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF061924

SAS No.: BF061924 SDG NO.: BF061924

Lab File ID: BF138248.D

Lab Sample ID: P2942-01

Instrument ID: BNA_F

Date Extracted: 06/19/2024

Matrix: (soil/water) Water

Date Analyzed: 06/19/2024

Level: (low/med) LOW

Time Analyzed: 16:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
GRAY-WATER	P2942-01	BF138248.D	06/19/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB161582BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF061924SAS No.: BF061924 SDG NO.: BF061924Lab File ID: BF138246.DLab Sample ID: PB161582BLInstrument ID: BNA_FDate Extracted: 06/19/2024Matrix: (soil/water) SolidDate Analyzed: 06/19/2024Level: (low/med) LOWTime Analyzed: 15:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB161582BS	PB161582BS	BF138247.D	06/19/2024
WCS-TPE	P2930-01	BF138249.D	06/19/2024
WCS-TPEMS	P2930-01MS	BF138250.D	06/19/2024
WCS-TPEMSD	P2930-01MSD	BF138251.D	06/19/2024
72-11978	P2943-03	BF138252.D	06/19/2024
VNJ-212	P2943-01	BF138253.D	06/19/2024
TP-1	P2955-05	BF138254.D	06/19/2024
VK-1	P2955-01	BF138255.D	06/19/2024
SU-03-061824	P2940-01	BF138256.D	06/19/2024
72-11944	P2952-01	BF138257.D	06/19/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF061924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2930-01MS		Client Sample ID: WCS-TPEMS		DataFile: BF138250.D							
n-Nitrosodimethylamine	1200		1100	ug/Kg	92				66	124	
Pyridine	1200		930	ug/Kg	78				45	119	
Benzaldehyde	1200		490	ug/Kg	41				26	163	
Aniline	1200		560	ug/Kg	47				10	88	
Phenol	1200		1100	ug/Kg	92				67	126	
bis(2-Chloroethyl)ether	1200		1100	ug/Kg	92				74	116	
2-Chlorophenol	1200		1100	ug/Kg	92				61	138	
1,2-Dichlorobenzene	1200		1000	ug/Kg	83				61	105	
1,3-Dichlorobenzene	1200		980	ug/Kg	82				62	101	
1,4-Dichlorobenzene	1200		990	ug/Kg	83				63	104	
Benzyl Alcohol	1200		1100	ug/Kg	92				47	126	
2-Methylphenol	1200		1000	ug/Kg	83				66	122	
2,2-oxybis(1-Chloropropane)	1200		1000	ug/Kg	83				52	115	
Acetophenone	1200		930	ug/Kg	78				75	111	
3+4-Methylphenols	1200		980	ug/Kg	82				53	132	
N-Nitroso-di-n-propylamine	1200		1000	ug/Kg	83				59	119	
Hexachloroethane	1200		1000	ug/Kg	83				65	117	
Nitrobenzene	1200		1000	ug/Kg	83				70	119	
Isophorone	1200		1100	ug/Kg	92				76	122	
2-Nitrophenol	1200		1400	ug/Kg	117				54	145	
2,4-Dimethylphenol	1200		1100	ug/Kg	92				83	144	
bis(2-Chloroethoxy)methane	1200		1100	ug/Kg	92				68	112	
2,4-Dichlorophenol	1200		1000	ug/Kg	83				72	118	
1,2,4-Trichlorobenzene	1200		1000	ug/Kg	83				57	103	
Benzoic acid	1200		1100	ug/Kg	92				50	104	
Naphthalene	1200		990	ug/Kg	83				72	110	
4-Chloroaniline	1200		170	ug/Kg	14				10	100	
Hexachlorobutadiene	1200		990	ug/Kg	83				66	114	
Caprolactam	1200		1000	ug/Kg	83				51	134	
4-Chloro-3-methylphenol	1200		1000	ug/Kg	83				57	132	
2-Methylnaphthalene	1200		970	ug/Kg	81				59	123	
Hexachlorocyclopentadiene	2400		2200	ug/Kg	92				10	175	
2,4,6-Trichlorophenol	1200		1200	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1200		1100	ug/Kg	92				72	117	
1,1-Biphenyl	1200		1000	ug/Kg	83				75	113	
2-Chloronaphthalene	1200		1000	ug/Kg	83				67	118	
2-Nitroaniline	1200		1200	ug/Kg	100				69	127	
Dimethylphthalate	1200		1200	ug/Kg	100				70	113	
Acenaphthylene	1200		1100	ug/Kg	92				79	118	
2,6-Dinitrotoluene	1200		1200	ug/Kg	100				70	125	
3-Nitroaniline	1200		750	ug/Kg	63				20	111	
Acenaphthene	1200		1100	ug/Kg	92				70	121	
Total PAH	19200	2961.4	18990	ug/Kg	99				70	121	
2,4-Dinitrophenol	2400		1700	ug/Kg	71				16	160	
4-Nitrophenol	2400		1800	ug/Kg	75				45	133	
Dibenzofuran	1200		1000	ug/Kg	83				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF061924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1200	ug/Kg	100				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2400	ug/Kg	100				55	128	
Diethylphthalate	1200		1100	ug/Kg	92				70	112	
4-Chlorophenyl-phenylether	1200		1000	ug/Kg	83				71	108	
Fluorene	1200		950	ug/Kg	79				68	116	
4-Nitroaniline	1200		910	ug/Kg	76				55	120	
4,6-Dinitro-2-methylphenol	1200		1100	ug/Kg	92				32	145	
N-Nitrosodiphenylamine	1200		1200	ug/Kg	100				73	118	
Azobenzene	1200		1000	ug/Kg	83				73	110	
4-Bromophenyl-phenylether	1200		1100	ug/Kg	92				65	121	
Hexachlorobenzene	1200		1000	ug/Kg	83				67	118	
Atrazine	1200		1200	ug/Kg	100				79	127	
Pentachlorophenol	2400		2000	ug/Kg	83				47	128	
Phenanthrene	1200	410	1300	ug/Kg	74				72	113	
Anthracene	1200	120	1200	ug/Kg	90				62	124	
Carbazole	1200		1000	ug/Kg	83				59	119	
Di-n-butylphthalate	1200		1200	ug/Kg	100				69	118	
Fluoranthene	1200	530	1400	ug/Kg	73				59	125	
Benzydine	2400		2400	ug/Kg	100				10	119	
Pyrene	1200	410	1300	ug/Kg	74				52	128	
Butylbenzylphthalate	1200		1500	ug/Kg	125				64	126	
3,3-Dichlorobenzidine	1200		950	ug/Kg	79				10	164	
Benzo(a)anthracene	1200	320	1300	ug/Kg	82				71	114	
Chrysene	1200	300	1300	ug/Kg	83				57	121	
bis(2-Ethylhexyl)phthalate	1200		1800	ug/Kg	150	*			66	127	
Di-n-octyl phthalate	1200		2000	ug/Kg	167	*			71	126	
Benzo(b)fluoranthene	1200	310	1300	ug/Kg	83				67	121	
Benzo(k)fluoranthene	1200	120	1300	ug/Kg	98				74	114	
Benzo(a)pyrene	1200	260	1400	ug/Kg	95				70	142	
Indeno(1,2,3-cd)pyrene	1200	91	1100	ug/Kg	84				61	125	
Dibenz(a,h)anthracene	1200		1000	ug/Kg	83				67	130	
Benzo(g,h,i)perylene	1200	90.4	950	ug/Kg	72				53	140	
1,2,4,5-Tetrachlorobenzene	1200		1000	ug/Kg	83				69	124	
1,4-Dioxane	1200		880	ug/Kg	73				46	112	
2,3,4,6-Tetrachlorophenol	1200		1000	ug/Kg	83				56	133	
1-Methylnaphthalene	1200		920	ug/Kg	77				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF061924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P2930-01MSD		Client Sample ID: WCS-TPEMSD		DataFile: BF138251.D							
n-Nitrosodimethylamine	1200		1100	ug/Kg	92		0		66	124	20
Pyridine	1200		990	ug/Kg	83		6		45	119	20
Benzaldehyde	1200		500	ug/Kg	42		2		26	163	20
Aniline	1200		600	ug/Kg	50		6		10	88	20
Phenol	1200		1100	ug/Kg	92		0		67	126	20
bis(2-Chloroethyl)ether	1200		1100	ug/Kg	92		0		74	116	20
2-Chlorophenol	1200		1100	ug/Kg	92		0		61	138	20
1,2-Dichlorobenzene	1200		1000	ug/Kg	83		0		61	105	20
1,3-Dichlorobenzene	1200		1000	ug/Kg	83		1		62	101	20
1,4-Dichlorobenzene	1200		1000	ug/Kg	83		0		63	104	20
Benzyl Alcohol	1200		1100	ug/Kg	92		0		47	126	20
2-Methylphenol	1200		1100	ug/Kg	92		10		66	122	20
2,2-oxybis(1-Chloropropane)	1200		1000	ug/Kg	83		0		52	115	20
Acetophenone	1200		960	ug/Kg	80		3		75	111	20
3+4-Methylphenols	1200		990	ug/Kg	83		1		53	132	20
N-Nitroso-di-n-propylamine	1200		1000	ug/Kg	83		0		59	119	20
Hexachloroethane	1200		1100	ug/Kg	92		10		65	117	20
Nitrobenzene	1200		1100	ug/Kg	92		10		70	119	20
Isophorone	1200		1100	ug/Kg	92		0		76	122	20
2-Nitrophenol	1200		1400	ug/Kg	117		0		54	145	20
2,4-Dimethylphenol	1200		1200	ug/Kg	100		8		83	144	20
bis(2-Chloroethoxy)methane	1200		1100	ug/Kg	92		0		68	112	20
2,4-Dichlorophenol	1200		1100	ug/Kg	92		10		72	118	20
1,2,4-Trichlorobenzene	1200		1000	ug/Kg	83		0		57	103	20
Benzoic acid	1200		1100	ug/Kg	92		0		50	104	20
Naphthalene	1200		1000	ug/Kg	83		0		72	110	20
4-Chloroaniline	1200		190	ug/Kg	16		13		10	100	20
Hexachlorobutadiene	1200		1000	ug/Kg	83		0		66	114	20
Caprolactam	1200		1100	ug/Kg	92		10		51	134	20
4-Chloro-3-methylphenol	1200		1100	ug/Kg	92		10		57	132	20
2-Methylnaphthalene	1200		990	ug/Kg	83		2		59	123	20
Hexachlorocyclopentadiene	2400		2100	ug/Kg	88		4		10	175	20
2,4,6-Trichlorophenol	1200		1200	ug/Kg	100		0		72	117	20
2,4,5-Trichlorophenol	1200		1100	ug/Kg	92		0		72	117	20
1,1-Biphenyl	1200		1000	ug/Kg	83		0		75	113	20
2-Chloronaphthalene	1200		1100	ug/Kg	92		10		67	118	20
2-Nitroaniline	1200		1300	ug/Kg	108		8		69	127	20
Dimethylphthalate	1200		1200	ug/Kg	100		0		70	113	20
Acenaphthylene	1200		1100	ug/Kg	92		0		79	118	20
2,6-Dinitrotoluene	1200		1200	ug/Kg	100		0		70	125	20
3-Nitroaniline	1200		790	ug/Kg	66		5		20	111	20
Acenaphthene	1200		1100	ug/Kg	92		0		70	121	20
Total PAH	19200	2961.4	19460	ug/Kg	101		2		70	121	20
2,4-Dinitrophenol	2400		1700	ug/Kg	71		0		16	160	20
4-Nitrophenol	2400		1800	ug/Kg	75		0		45	133	20
Dibenzofuran	1200		1000	ug/Kg	83		0		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF061924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1200		1200	ug/Kg	100		0		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2400		2400	ug/Kg	100		0		55	128	20
Diethylphthalate	1200		1200	ug/Kg	100		8		70	112	20
4-Chlorophenyl-phenylether	1200		1000	ug/Kg	83		0		71	108	20
Fluorene	1200		970	ug/Kg	81		3		68	116	20
4-Nitroaniline	1200		940	ug/Kg	78		3		55	120	20
4,6-Dinitro-2-methylphenol	1200		1100	ug/Kg	92		0		32	145	20
N-Nitrosodiphenylamine	1200		1200	ug/Kg	100		0		73	118	20
Azobenzene	1200		1000	ug/Kg	83		0		73	110	20
4-Bromophenyl-phenylether	1200		1200	ug/Kg	100		8		65	121	20
Hexachlorobenzene	1200		1100	ug/Kg	92		10		67	118	20
Atrazine	1200		1300	ug/Kg	108		8		79	127	20
Pentachlorophenol	2400		2000	ug/Kg	83		0		47	128	20
Phenanthrene	1200	410	1400	ug/Kg	83		11		72	113	20
Anthracene	1200	120	1200	ug/Kg	90		0		62	124	20
Carbazole	1200		1100	ug/Kg	92		10		59	119	20
Di-n-butylphthalate	1200		1300	ug/Kg	108		8		69	118	20
Fluoranthene	1200	530	1400	ug/Kg	73		0		59	125	20
Benzydine	2400		2600	ug/Kg	108		8		10	119	20
Pyrene	1200	410	1300	ug/Kg	74		0		52	128	20
Butylbenzylphthalate	1200		1600	ug/Kg	133	*	6		64	126	20
3,3-Dichlorobenzidine	1200		1000	ug/Kg	83		5		10	164	20
Benzo(a)anthracene	1200	320	1400	ug/Kg	90		9		71	114	20
Chrysene	1200	300	1400	ug/Kg	92		10		57	121	20
bis(2-Ethylhexyl)phthalate	1200		1800	ug/Kg	150	*	0		66	127	20
Di-n-octyl phthalate	1200		2100	ug/Kg	175	*	5		71	126	20
Benzo(b)fluoranthene	1200	310	1500	ug/Kg	99		18		67	121	20
Benzo(k)fluoranthene	1200	120	1100	ug/Kg	82		18		74	114	20
Benzo(a)pyrene	1200	260	1400	ug/Kg	95		0		70	142	20
Indeno(1,2,3-cd)pyrene	1200	91	1100	ug/Kg	84		0		61	125	20
Dibenz(a,h)anthracene	1200		1100	ug/Kg	92		10		67	130	20
Benzo(g,h,i)perylene	1200	90.4	990	ug/Kg	75		4		53	140	20
1,2,4,5-Tetrachlorobenzene	1200		1000	ug/Kg	83		0		69	124	20
1,4-Dioxane	1200		900	ug/Kg	75		3		46	112	20
2,3,4,6-Tetrachlorophenol	1200		1000	ug/Kg	83		0		56	133	20
1-Methylnaphthalene	1200		940	ug/Kg	78		1		70	130	20



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

Surrogate Summary

SW-846

SDG No.: BF061924

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161530TB	PB161530TB	BF138243.D	2-Fluorophenol	150	111.43	74		10	139
			Phenol-d6	150	108.34	72		10	134
			Nitrobenzene-d5	100	76.64	77		49	133
			2-Fluorobiphenyl	100	68.43	68		52	132
			2,4,6-Tribromophenol	150	114.42	76		32	145
			Terphenyl-d14	100	70.95	71		36	145
PB161543BL	PB161543BL	BF138241.D	2-Fluorophenol	150	112.05	75		10	139
			Phenol-d6	150	109.33	73		10	134
			Nitrobenzene-d5	100	75.82	76		49	133
			2-Fluorobiphenyl	100	68.81	69		52	132
			2,4,6-Tribromophenol	150	116.27	78		32	145
			Terphenyl-d14	100	70.78	71		36	145
PB161543BS	PB161543BS	BF138242.D	2-Fluorophenol	150	112.64	75		10	139
			Phenol-d6	150	112.83	75		10	134
			Nitrobenzene-d5	100	78.01	78		49	133
			2-Fluorobiphenyl	100	69.66	70		52	132
			2,4,6-Tribromophenol	150	118.55	79		32	145
			Terphenyl-d14	100	76.83	77		36	145



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

Surrogate Summary

SW-846

SDG No.: BF061924

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2942-01	GRAY-WATER	BF138248.D	2-Fluorophenol	150	50.64	34		10	139
			Phenol-d6	150	31.18	21		10	134
			Nitrobenzene-d5	100	72.13	72		49	133
			2-Fluorobiphenyl	100	76.35	76		52	132
			2,4,6-Tribromophenol	150	97.07	65		32	145
			Terphenyl-d14	100	58.75	59		36	145

Surrogate Summary

SW-846

SDG No.: **BF061924**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2930-01	WCS-TPE	BF138249.D	2-Fluorophenol	150	110.41	74		18	112
			Phenol-d6	150	105.43	70		15	107
			Nitrobenzene-d5	100	78.16	78		18	107
			2-Fluorobiphenyl	100	73.50	74		20	109
			2,4,6-Tribromophenol	150	101.82	68		10	110
			Terphenyl-d14	100	63.71	64		14	112
P2930-01MS	WCS-TPEMS	BF138250.D	2-Fluorophenol	150	97.42	65		18	112
			Phenol-d6	150	95.38	64		15	107
			Nitrobenzene-d5	100	69.45	69		18	107
			2-Fluorobiphenyl	100	67.59	68		20	109
			2,4,6-Tribromophenol	150	91.81	61		10	110
			Terphenyl-d14	100	61.80	62		14	112
P2930-01MSD	WCS-TPEMSD	BF138251.D	2-Fluorophenol	150	99.88	67		18	112
			Phenol-d6	150	98.23	65		15	107
			Nitrobenzene-d5	100	71.38	71		18	107
			2-Fluorobiphenyl	100	69.57	70		20	109
			2,4,6-Tribromophenol	150	93.82	63		10	110
			Terphenyl-d14	100	64.34	64		14	112
P2940-01	SU-03-061824	BF138256.D	2-Fluorophenol	150	79.41	53		18	112
			Phenol-d6	150	73.65	49		15	107
			Nitrobenzene-d5	100	56.53	57		18	107
			2-Fluorobiphenyl	100	61.09	61		20	109
			2,4,6-Tribromophenol	150	82.77	55		10	110
			Terphenyl-d14	100	63.34	63		14	112
P2943-01	VNJ-212	BF138253.D	2-Fluorophenol	150	79.88	53		18	112
			Phenol-d6	150	75.62	50		15	107
			Nitrobenzene-d5	100	54.23	54		18	107
			2-Fluorobiphenyl	100	57.81	58		20	109
			2,4,6-Tribromophenol	150	71.35	48		10	110
			Terphenyl-d14	100	50.02	50		14	112
P2943-03	72-11978	BF138252.D	2-Fluorophenol	150	79.68	53		18	112
			Phenol-d6	150	75.27	50		15	107
			Nitrobenzene-d5	100	54.29	54		18	107
			2-Fluorobiphenyl	100	58.28	58		20	109
			2,4,6-Tribromophenol	150	69.84	47		10	110
			Terphenyl-d14	100	49.33	49		14	112
P2952-01	72-11944	BF138257.D	2-Fluorophenol	150	82.86	55		18	112
			Phenol-d6	150	74.97	50		15	107
			Nitrobenzene-d5	100	56.92	57		18	107
			2-Fluorobiphenyl	100	79.24	79		20	109
			2,4,6-Tribromophenol	150	87.83	59		10	110
			Terphenyl-d14	100	44.17	44		14	112
P2955-01	VK-1	BF138255.D	2-Fluorophenol	150	73.65	49		18	112
			Phenol-d6	150	68.45	46		15	107
			Nitrobenzene-d5	100	53.11	53		18	107
			2-Fluorobiphenyl	100	55.96	56		20	109
			2,4,6-Tribromophenol	150	69.82	47		10	110
			Terphenyl-d14	100	49.71	50		14	112
P2955-05	TP-1	BF138254.D	2-Fluorophenol	150	64.20	43		18	112

Surrogate Summary

SW-846

SDG No.: **BF061924**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2955-05	TP-1	BF138254.D	Phenol-d6	150	60.24	40		15	107
			Nitrobenzene-d5	100	46.01	46		18	107
			2-Fluorobiphenyl	100	49.34	49		20	109
			2,4,6-Tribromophenol	150	56.42	38		10	110
			Terphenyl-d14	100	40.44	40		14	112
PB161582BL	PB161582BL	BF138246.D	2-Fluorophenol	150	110.23	73		18	112
			Phenol-d6	150	108.09	72		15	107
			Nitrobenzene-d5	100	76.28	76		18	107
			2-Fluorobiphenyl	100	68.59	69		20	109
			2,4,6-Tribromophenol	150	118.29	79		10	110
PB161582BS	PB161582BS	BF138247.D	Terphenyl-d14	100	63.97	64		14	112
			2-Fluorophenol	150	112.46	75		18	112
			Phenol-d6	150	113.52	76		15	107
			Nitrobenzene-d5	100	77.97	78		18	107
			2-Fluorobiphenyl	100	67.53	68		20	109
			2,4,6-Tribromophenol	150	120.52	80		10	110
			Terphenyl-d14	100	80.64	81		14	112

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF061924

Lab Code: CHEM

SAS No.: BF061924

SDG NO.: BF061924

Lab File ID: BF138239.D

DFTPP Injection Date: 06/19/2024

Instrument ID: BNA_F

DFTPP Injection Time: 10:32

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	24
68	Less than 2.0% of mass 69	0.5 (1.9) 1
69	Mass 69 relative abundance	24.2
70	Less than 2.0% of mass 69	0.1 (0.6) 1
127	10.0 - 80.0% of mass 198	35.5
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.8
275	10.0 - 60.0% of mass 198	27
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (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	BF138240.D	06/19/2024	11:01
PB161543BL	PB161543BL	BF138241.D	06/19/2024	11:31
PB161543BS	PB161543BS	BF138242.D	06/19/2024	12:01
PB161530TB	PB161530TB	BF138243.D	06/19/2024	12:30

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF061924

Lab Code: CHEM

SAS No.: BF061924 SDG NO.: BF061924

Lab File ID: BF138244.D

DFTPP Injection Date: 06/19/2024

Instrument ID: BNA_F

DFTPP Injection Time: 14:20

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	32.3
70	Less than 2.0% of mass 69	0.3 (1.1) 1
127	10.0 - 80.0% of mass 198	45.2
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	29.5
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	93.5
443	15.0 - 24.0% of mass 442	18.6 (19.9) 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	BF138245.D	06/19/2024	14:50
PB161582BL	PB161582BL	BF138246.D	06/19/2024	15:19
PB161582BS	PB161582BS	BF138247.D	06/19/2024	15:49
GRAY-WATER	P2942-01	BF138248.D	06/19/2024	16:28
WCS-TPE	P2930-01	BF138249.D	06/19/2024	16:59
WCS-TPEMS	P2930-01MS	BF138250.D	06/19/2024	17:28
WCS-TPEMSD	P2930-01MSD	BF138251.D	06/19/2024	17:59
72-11978	P2943-03	BF138252.D	06/19/2024	18:29
VNJ-212	P2943-01	BF138253.D	06/19/2024	18:58
TP-1	P2955-05	BF138254.D	06/19/2024	19:28
VK-1	P2955-01	BF138255.D	06/19/2024	19:58
SU-03-061824	P2940-01	BF138256.D	06/19/2024	20:28
72-11944	P2952-01	BF138257.D	06/19/2024	20:58